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(54) **Titre :** VOILE DE TYPE CINQ DISPOSITIFS EN UN OFFRANT UNE AIDE CONTRE L'ARTHRITE
(54) **Title:** ARTHRITIC-ASSISTING FIVE-DEVICE-IN-ONE SAIL

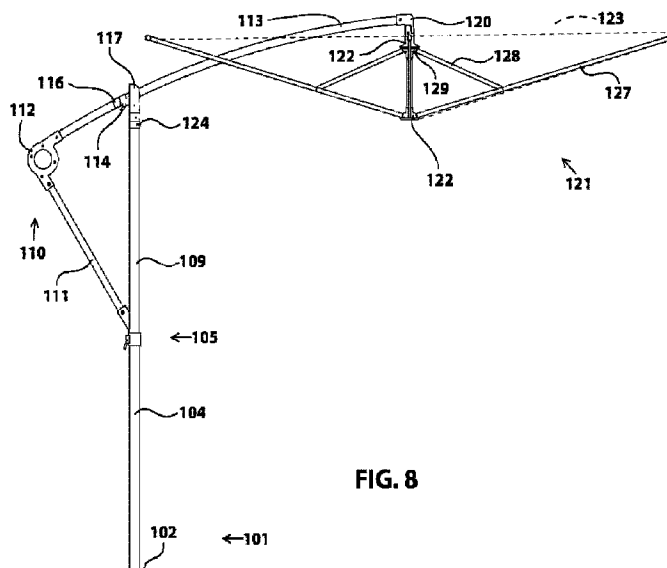


FIG. 8

(57) **Abrégé/Abstract:**

A physically-impaired-assisting arthritic-assisting five-device-in-one rainwater-amassing garden-irrigating fruit-harvesting media-screen-capable single-hand-sail-deploying-and-retracting sail comprises: adjustable louver blades attached to side gutter beams, chutes formed to the side gutter beams and end gutter beams, solar-rechargeable batteries installed within adjustable louver blades, a solar panel mounted to adjustable louver blades, panel frames, panel inserts inserted within the panel frames, louver braces inserted within the panel frames, louvers attached to the louver braces, an inner-track insert slidably inserted within hook-sliding track, a curtain removably hooked onto slide hooks, an extending-and-retracting door, door-spool housing attached to door-spool-housing bracket, drain openings formed into the corner-posts, corner-post-base-plate covers slidably attached onto the corner-posts, corner-post base-plates secured to the corner-posts, sliding-door track attached to the corner-post base-plates, the panel frames interchangably and slidably placed into the sliding-door track, tube-screws, and anchoring bolts screwed through the tube-screws.



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ARTHRITIC-ASSISTING FIVE-DEVICE-IN-ONE SAIL

1) FIELD OF THE INVENTION

The present invention relates to an umbrella, which is economical to produce, is easy to ship as one unit, requires no tools, and can be quickly and easily folded and unfolded. Particularly, the present invention relates to a physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail, comprising:

- 1) Sail and stanchion plinth system(s),**
- 2) Horizontal-rotation-locking wind-catching-and-redirecting land-yacht-maneuvering system(s),**
- 3) Physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system(s), and**
- 4) Wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system(s).**

2) DESCRIPTION OF THE PRIOR ART

A number of umbrellas have been introduced.

U.S. Patent No **3,383,814**, issued 1968-05-21, to **Blaine F Rowe**, demonstrates a sunshade utilizing an umbrella supported by a standard having an outwardly extending arm carrying a vertically adjustable cord to which the umbrella is attached. A brace having two parts relatively rotatable about a longitudinal axis, one part being pivoted to the standard and the other part to the umbrella, together with locking means for locking said parts from movement relative to the

standard and the umbrella and clamping means for restraining relative rotation between the parts and operating means for the same.

U.S. Patent No **3,765,434**, issued 1976-02-03, to **Helen Cohen**, demonstrates an umbrella assembly comprising a generally cylindrical housing, open at its top and closed at its bottom, a removable cover for closing the top of said housing, and a collapsible umbrella within said housing, said umbrella comprising a handle having extensible sections, the bottom of which is swivelly secured to the inner surface of the bottom wall of the housing, whereby when said umbrella is collapsed and the handle sections retracted the entire umbrella fits within said housing and when said cover is removed and said handle sections extended, the handle extends upwardly from said housing whereby when the umbrella is opened it is located substantially above the top edge of the housing, and means permanently securing the housing to any desired article, such as a chair or the like, whereby said assembly is permanently associated with said article so that the umbrella may be completely housed when not in use.

U.S. Patent No **4,582,078**, issued 1986-04-15, to **Mark J.S. Ma**, demonstrates stepless tilting mechanism for an umbrella including a carriage slidable on a hinged upper portion of the mast and which is moved axially against a spring bias after the umbrella has been opened, in order to operate a linkage fast with the upper mast and which reacts against abutments provided on a fixed lower portion of the mast in order to effect tilting of the upper portion on the mast relatively to the lower portion thereof.

U.S. Patent No **4,586,525**, issued 1986-05-06, to **Adolph Glatz** and **Peter Glatz**, demonstrates a large umbrella arrangement including a stand (2) having a mast (10) to which an extendable and retractable support arm (4) is connected. A connecting member (12) is pivotally connected to the middle area of the support arm (4) and at its other end is pivotally connected to the upper end of the mast (10). One end (26) of the support arm (4) engages the mast (10) by means of a roll (32). This end (26) is further provided with a fork (28) whose arms (30) overlap and receive the mast (10). The support arm (4) is fixable by means of the fork (28) at different height positions on the mast (10), with such fixing in different heights involving the use of an arresting bolt (36)

insertable in a bore (34) in the mast (10). At the free end of the support arm (4) is a pin (20) protruding from the support arm from which the umbrella (8) is hung through a hanging means (6).

U.S. Patent No **4,674,523**, issued 1987-06-23, to **Gustav A. Glatz**, demonstrates a suspension umbrella having a crown connected to a holder by means of a ball joint. For arresting the ball joint in different positions the ball joint is equipped with an arresting body which is actuatable by means of a screw spindle arranged coaxially to the umbrella axis. A securing device includes a securing screw which is threaded into the crown through a bore in a sleeve in order to prevent relative movement between the crown and the sleeve or ball joint.

U.S. Patent No **5,002,081**, issued 1991-03-26, to **L. Stonemeyer and Co**, demonstrates a frame for a collapsible canopy suspended on an externally threaded shaft which extends downwardly from a head in a concave socket at the free end of an overhead supporting arm. A nut which mates with the shaft beneath the frame can be rotated by way of a downwardly extending handle to move the frame into frictional engagement with the underside of the socket while urging the head against the upper side of the socket. If the angular position of the frame is to be changed, or if the frame is to be separated from the arm, the grip of the head and frame upon the socket is relaxed and the shaft is then ready to be withdrawn from an open slot of the socket.

U.S. Patent No **5,785,069**, issued 1998-07-28, to **Gustav Adolf Glatz**, demonstrates a standing umbrella having a mast on which the inner end of an outwardly and inwardly movable carrier beam is guided with the outer end of the beam carrying an umbrella stick of a collapsible umbrella and with the carrier beam being held by a connecting strut linkedly arranged between the upper end of the mast the carrier beam. A drive mechanism shifts the inner end of the carrier beam along the length of the mast and the mast has two guide tracks spaced from one another and so profiled that guide elements running there along and carried by the inner end of the mast are held by the shape of the tracks against movement transversely to the direction in which the inner end of the carrier beam is shifted; and the drive mechanism for shifting the inner end of the

carrier beam and a drive mechanism for opening and closing the umbrella are so combined with one another that they operate simultaneously in common.

U.S. Patent No **5,937,882** issued 1999-08-17, to **Kenneth A. Harbaugh**, demonstrates an umbrella supported by a mast located alongside the umbrella canopy. The umbrella canopy includes a radial arm connected to an element slidably mounted along the mast. A brace pivotably attaches to the arm and extends to the top of the mast. A flexible line extends from a winder within the mast, over a fixed pulley located at the top of a mast, a second pulley mounted on the sliding element, and then travels through the arm and around a third pulley located at the central region of the umbrella. This line operates the opening mechanism of the umbrella, and also selectively moves the slider element along the mast to adjust the tilt of the canopy assembly.

U.S. Patent No **6,220,261**, issued 2001-04-24, to **Gustav Adolf Glatz**, demonstrates an adjustable static umbrella with a static mast (2) to which an arm (10) is secured by means of a hinge (12) allowing for the arm to be either adjusted into a use position or collapsed into a rest position and to be tipped about the hinge (12) tilting axle (14) perpendicular to the mast axis. The hinge (12) has toggle head (80) and a pair of shells (82, 82') symmetrically inverted one to each other, encompassing the toggle head (80) therein and rotatably mounted about the tilting axle (14), while the pair of hinge shells (82, 82') is provided with a length guide perpendicular to the tilting axle (14), in which the arm (10) is inserted. A locking device (90) includes a tilting hinge (92) parallel to the tilting axle (14) and a fastening device (94) allowing for the hinge shells to be pressed one against the other and against the toggle head (80) so that, when said fastening device in the length guide (84) is pulled, the arm cannot be displaced, while the hinge shells (82, 82') encompassing the toggle head cannot be twisted due to pairs of interactive contact surfaces. Releasing the locking device (94) loosens the arm (10) length guide (84), thereby enabling adjustment of the arm, in the area of a tilt angle (α) limited by two end-stops (116, 116', 118, 120), between a rest position and a use position.

U.S. Patent No **6,478,037**, issued 2002-11-12, to **Pai Tung**, demonstrates a sunshade including a supporting rod, a canopy support frame, and a canopy. An adjusting sleeve is slidably mounted

around the supporting rod. A holding sleeve is pivotally connected to an upper end of the supporting rod. An arcuate tube is slidably extended through the holding sleeve. An elbow is mounted to a first end of the arcuate tube and a reel is mounted to a second end of the arcuate tube. A connecting rod is connected between the second end of the arcuate tube and the adjusting sleeve. An anchor is provided to be releasably engaged in an anchor room in the elbow to reliably retain the canopy support frame in a desired tilting angle relative to the supporting rod. The arcuate tube and the supporting rod can be folded to further reduce the overall volume of the sunshade.

U.S. Patent No **6,588,438**, issued 2003-07-08, to **Walter Steiner**, demonstrates a free-arm shade having radial shade ribs (6), support ribs (7) attached to the latter, and a shade rod slide (8) that is freely attached to support ribs (7). It also has a decentral pole (1) standing outside the shade. One of the shade ribs is vertically displaceably attached to pole (1) by its outer end, and functions as a side arm (2). On its top side, it is connected to pole tip (11) via an articulated rib (4), with this shade rib (2) having a pivot joint (13) between the edge of the shade fabric and the pole. Articulated rib (4) is connected to shade rib (2) via a pivot hinge (12). Shade rib (2) can therefore be pivoted around the axis between pivot joint (13) and pivot hinge (12) so that the entire shade can be tilted sideways in relation to pole (1).

U.S. Patent No **6,619,306**, issued 2003-09-16, to **Mark J.S. Ma**, demonstrates a parasol opening device incorporating a parasol for opening/closing a canopy of the parasol. The parasol includes a tubular post for movably receiving the parasol opening device therein. The parasol opening device is movable along the post between an open position and a closed position. A canopy support arm has a first end pivotally attached to the parasol opening device and a second end to which a canopy system is pivoted. A link has a first end pivoted to the post and a second end pivotally attached to a slide which is movable along the arm. A rope having a predetermined and fixed length partially extends through the post, the parasol opening device and the arm with a first end of the rope fixed to the post and a second end of the rope attached to a runner of the canopy system whereby driving the rope causes the canopy system to open/close. The parasol opening device includes a movement control device for guiding/controlling the parasol opening

device to move along the post between the open position and the closed position and thus driving the rope to open/close the canopy system.

U.S. Patent No **6,840,253**, issued 2005-11-11, to **Joan-Shen Ma**, describes a side post umbrella including a side post to which a side arm is mounted by an arm retainer that is a tubular member receiving an end of the side arm therein. A rib skeleton is hung on the side arm and supports a shade. A shade rotating device is provided for rotating the side arm and thus the shade, including a cylinder rotatably received in the arm retainer and fixed to the side arm to be rotatable in unison therewith. A drive bar is pivotally connected to the cylinder for manually rotating the cylinder. A latch bar having a latch pin is movable with respect to the cylinder between a latched position where the latch pin engages a securing plate to secure the side arm and thus the shade at a corresponding angular position and a released position where the latch pin disengages the securing plate to allow for free rotation of the side arm and the shade. A helical spring is arranged between the latch bar and the cylinder to bias the latch pin toward the latched position. The drive bar is pivoted to the latch bar. The drive bar and the pivotal connection between the drive bar and the cylinder form a leverage that allows for manually driving the latch.

U.S. Patent No **6,923,193**, issued 2005-08-02, to **Shiow-Hui Chen**, demonstrates a stand frame for an umbrella comprising a shaft, an umbrella frame, a foldable hanger arm hanging the umbrella frame, a height-adjustable device, and an angle-adjusting device. The stand frame for an umbrella utilizes the height-adjustable device and the angle-adjusting device to control the expansion/contraction and angular orientation of the umbrella frame thereof. The height-adjustable device provides a mechanism by which the middle section of the shaft can rotate horizontally, so as to move the umbrella frame about the shaft. A pull string extending from the shaft to the umbrella frame drives a vertical movement of the upper section of the shaft and the expansion of the umbrella frame simultaneously. A set of other pull strings are manipulated by the angle-adjusting device to vary the angular orientation of the umbrella frame in three dimensions.

U.S. Patent No **7,134,442** issued 2006-11-14, to **Oliver Joen-an Ma**, demonstrates an umbrella assembly that comprises a canopy frame, a support pole, an extension mechanism, and a canopy deployment mechanism. The support pole has a first member that has a first end and a second end and a second member. The second member is coupled with the canopy frame and with the first member and is movable relative to the first member between a retracted position and an extended position. The extension mechanism is configured to be driven by a crank handle to move the second member between the retracted position and the extended position. The canopy deployment mechanism is configured to be driven by a crank handle independently of the extension mechanism to open and close the canopy frame.

U.S. Patent No **7,487,787**, issued 2009-02-10, to **Pai Tung**, demonstrates a sunshade including a supporting rod, a holding sleeve pivotably mounted to an upper end of the supporting rod, an arcuate tube slidably extended through the holding sleeve and including an end for coupling with a canopy support frame, a reel mounted to the other end of the arcuate tube, a mounting member mounted to the supporting rod, a quick release mounted around the other end of the arcuate tube, and a connecting rod including a first end pivotally connected to the mounting member and a second end pivotally connected to the quick release. When the quick release is in a clamping position, the quick release is fixedly clamped on the arcuate tube, and the other end of the arcuate tube is supported by the connecting rod. When the quick release is in a released position, relative sliding movement between the quick release and the arcuate tube is allowed.

U.S. Patent No **7,493,909**, issued 2009-02-24, to **Oliver Joen-An Ma**, demonstrates an umbrella that includes a support pole, at least a portion of which extends upwardly in use, a suspending pole, a canopy, and a mechanism for rotating the suspending pole about its longitudinal axis. The suspending pole is mounted transversely to the support pole and has first and second ends and a longitudinal axis. The canopy is suspended in use from the second end of the support pole. The mechanism includes a plurality of gear teeth coupled with the suspending pole to cause the suspending pole to rotate in either direction about said axis upon movement of the gear teeth and to thereby cause the canopy to tilt in either direction about said axis.

U.S. Patent No **7,520,289**, issued 2009-04-21, to **James N Barber**, demonstrates a support apparatus for a café umbrella having a support arm pivotally attached to a generally vertical pole. In a preferred uneven-arm arrangement, a canopy-supporting end of the arm is further to one side of the pole than a second, actuator-connected end of the arm is to the other side of the pole. An actuator mechanism connected between the pole and the shorter portion of the arm and can be used to raise or lower the canopy supporting end of the arm by moving the second end of the arm respectively toward or away from the pole. A cable assembly runs along the length of the support arm so that one end hangs beneath the canopy supporting end of the arm where it can retain a removable canopy. The other end of the cable assembly is attached to the pole so that when the actuator draws the arm toward the pole and raises its canopy-supporting end, the free end of the cable moves downward so as to collapse the canopy.

U.S. Patent No **7,533,680**, issued 2009-05-19, to **Oliver Joen-An Ma**, demonstrates an umbrella or sunshade that includes a support pole assembly and a tilt assembly. The support pole assembly includes a first support pole and a second support pole. The second support pole has a proximal end and a distal end and is curved therebetween. The second support pole is coupled with and extends generally transverse to the first support pole. The tilt assembly includes a transmission and a drive shaft. The drive shaft is housed in the second support pole. The drive shaft has a first end coupled with the transmission and a second end adjacent to the distal end of the second support pole. The transmission is configured to convert rotation of a crank handle into rotation of the drive shaft to pivot a canopy coupled with the distal end of the second support pole relative to the first support pole.

U.S. Patent No **7,708,022**, issued 2010-05-04, to **Oliver Joen-An Ma**, demonstrates an umbrella that comprises a support pole, a suspending pole mounted transversely to the support pole, a hub, a canopy, and means for coupling and decoupling the hub from the suspending pole. The suspending pole has first and second ends and a longitudinal axis that defines an arc. The hub is attached to second end of suspending pole. The canopy is suspended in use from the hub. The coupling and decoupling means permits the canopy to be rotated about the longitudinal axis of the supporting pole.

U.S. Patent No **7,717,121**, issued 2010-05-18, to **Adolf Glatz**, demonstrates an invention relating to a free arm parasol which comprises a pole (2) whereon an extension arm (10) is guided such that it can be extended and detracted in the direction of the axis thereof, and can pivoted about the axis thereof. The extension arm (10) supports a parasol (12) on the end thereof and is rotationally mounted on the other end in a bearing (14). A carrier element (16), which is connected in an articulated manner to the pole (2), is connected to bearing. Also, a stopping device (24), which is used to stop the pivotable positioning of the extension arm (10), is provided on the bearing (14). Said stopping device comprises a steering bar (26) which is arranged in the extension of the extension arm (10), can be placed counter to the carrier element (16), can be locked to the carrier element (16) and can be pivoted about the axis of the extension arm (10) when in the unlocked state in order to improve the handling of the free arm parasol. Said arm is coupled in a detachable manner to the extension arm by means of a coupling device, according to a selected rotational angle in relation to the extension arm (10).

U.S. Patent No **7,913,707**, issued 2011-03-29, to **Jin-Sheng Lai**, demonstrates an umbrella including an upright post, a swing mechanism mounted on the upright post and a frame mounted on the swing mechanism. The swing mechanism includes a mounting seat mounted on the upright post, a pivot seat pivotally mounted on the mounting seat and having a lower end provided with a worm wheel, a worm rotatably mounted on the mounting seat and meshing with the worm wheel, a driven gear secured on the worm, a propeller shaft rotatably mounted on the upright post, a drive gear secured on the propeller shaft and meshing with the driven gear, and a rocker arm secured on the propeller shaft. Thus, when the swing mechanism is operated, the frame is rolled and tilted relative to the upright post leftward or rightward to adjust the inclined angle the frame to provide a better shading effect.

U.S. Patent No **7,980,261**, issued 2011-07-19, to **Adolph Gustav Glatz**, demonstrates an invention originating with a mast on the upper end of which a locking and tiltable jib support is arranged. A jib is guided in the jib support such that said jib can be slid and fastened and carries a roof construction on the outer end thereof, wherein said roof construction can be extended like

a canopy, fan, or frame. To make the extension and retraction of the jib easier, it is proposed that the jib support be designed with at least four guide and locking rollers, of which at least two engage in a left-handed track and two in a right-handed track of the jib.

U.S. Patent No **8,104,492** issued 2012-01-31, to **Wu We Dan**, demonstrates an adjustable offset umbrella having a generally vertical main pole and a sliding member slidably mounted to the main pole. The sliding member includes a locking mechanism for securing it at a desired location along the main pole. One end of an arm is associated with the sliding member, and the other end supports an umbrella canopy. A winding mechanism is associated with the sliding member and moves with it. A line extends from the winding mechanism to the umbrella canopy. Operating the winding mechanism opens and closes the umbrella canopy, and moving the sliding member up or down the main pole adjusts the angle of the canopy with respect to the main pole.

U.S. Patent No **8,360,080** issued 2013-01-29, to **Kai Liu** and **Zhonglin Wang** demonstrates an invention relating to an umbrella, particularly a sun umbrella or rain umbrella, comprising a holding structure and an umbrella roof attached thereto by means of a joint, the joint being able to be locked by means of a cable or Bowden wire running through at least one part of the holding structure, characterized in that the joint is designed as a purely rotating joint, wherein an engagement element located on the umbrella roof is connected to the cable or Bowden wire or is otherwise mechanically operationally connected thereto, in order to releaseably engage in a segment of the joint associated with the holding structure to lock the joint.

U.S. Patent No **8,413,671**, issued 2013-04-09, to **Wanda Ying Li**, demonstrates an intelligence outdoor shading arrangement including an outdoor shading system, an environmental sensor device and a functional controller. The outdoor shading system includes at least an outdoor shading device including a supporting frame, a power source, an awning frame suspendedly and movably supported by the supporting frame, and a shelter mounted to the awning frame to define a shading area under the shelter. The environmental sensor device is electrically linked to the power source and is installed to the outdoor shading system for detecting an environmental change of the shading system in responsive to the shading area thereof. The functional controller

is electrically linked to the environmental sensor device and is operatively controlled the awning frame of the outdoor shading system, wherein when the functional controller receives a command signal from the environmental sensor device, the awning frame is automatically adjusted to regulate the shading area thereof in responsive to the environmental change of the outdoor shading system.

U.S. Patent No **9,237,785** issued 2016-01-19, to **Oliver Joen-an Ma**, demonstrates an umbrella assembly comprising: an upright pole; a cantilevered beam having a first end disposed away from the upright pole and a second end disposed adjacent to the upright pole; a canopy frame coupled with the first end of the cantilevered beam; a tilt mechanism operable to rotate the canopy frame about an axis extending through the cantilevered beam, the tilt mechanism including a rotatable shaft disposed in the cantilevered beam; and a clutch mechanism including a first component fixed to the cantilevered beam adjacent to the first end and a second component, the clutch mechanism having an engaged configuration and a disengaged configuration such that when the clutch mechanism is in the disengaged configuration the second component is disposed closer to the upright pole.

U.S. Patent No **9,289,038** issued 2016-03-22, to **Oliver Joen-an Ma**, demonstrates an umbrella having a transverse member mounted canopy control module. The umbrella has a support structure and a canopy. The support structure has a first support member having an upper end and a second support member. The second support member has a first end disposed adjacent to the first support member and a second end disposed away from the first end. The second support member extending along a longitudinal axis disposed transverse to the first support member. The canopy has an upper hub. The upper hub is coupled with the second support member. The umbrella also has an enclosure disposed at the first end of the second support member. A canopy control mechanism is at least partially disposed in the enclosure to alter the configuration of the canopy.

U.S. Patent No **9,433,268**, issued 2016-09-06, to **Mark J.S. Ma**, demonstrates an umbrella having the crown of the canopy coupled to a support structure via a pivot joint that is structured

and configured to allow swiveling and/or tilting of the canopy with ease by a user, in more than one plane or with more than one degree of freedom with respect to the support structure. The canopy frame includes a longitudinal central support hub, and the pivot joint is rotatable about a rotation axis, wherein the axis of the canopy support hub makes a fixed or variable non-zero angle with respect to the pivot joint rotation axis. As a result of the angle between the pivot joint rotation axis and the canopy support hub axis. The rotation of the pivot joint causes tilting of the canopy support hub axis, thus tilting the canopy to change its orientation.

U.S. Patent No **9,642,421** issued 2017-05-09, to **Oliver Joen-an Ma**, demonstrates an umbrella canopy tilt mechanism that can include a crank mechanism and an automatic bending mechanism. The crank mechanism includes a crank and a rope. The crank is configured to be swivel-mounted on one end of the curved cantilever of a sunshade umbrella. The automatic bending mechanism is configured to be installed in a shaft of the sunshade umbrella. One end of the rope is configured to connect to the crank. The other end of the rope is configured to extend along the curved cantilever to reach the other end of the curved cantilever. The rope is configured to extend through the shaft and automatic bending mechanism to connect to a lower runner. The lower runner is held and slides on the shaft. An upper runner is fixedly secured to the shaft. The umbrella canopy tilt mechanism can further be provided with a rotation mechanism.

U.S. Patent No **9,930,942**, issued 2018-04-03, to **Oliver Joen-an Ma**, demonstrates umbrella assemblies configured to retract and extend, tilt side to side, and open and close. In some embodiments, the umbrella assembly can include a cantilevered beam. The umbrella assembly can further include a tilt mechanism operable to rotate the canopy frame. The umbrella assembly can include a clutch mechanism fixed to the cantilevered beam. The umbrella assembly can also include an integrated mechanism to both open and close the canopy frame and raise and lower the cantilevered beam.

U.S. Patent No **10,136,709** issued 2018-11-27, to **Oliver Joen-an Ma**, demonstrates a cantilever umbrella assembly that includes an upright pole, a runner, a transverse pole, and a canopy. The upright pole includes an upright guide surface. The runner is coupled with the upright pole and

has a bearing coupled with the guide surface for guiding the runner along the upright pole. The cantilever umbrella assembly includes a deployable tension member with a first end disposed in the transverse pole and a second end coupled with the canopy.

U.S. Patent No **D398,443** issued **September 22, 1998** 1998-09-22, to **Bernfried Bolle**, depicts the ornamental design for an umbrella cap, as shown described.

U.S. Patent No **D477,458**, issued 2003-07-22, to **Brian L. Goldwitz**, depicts the ornamental design for an umbrella assembly, as shown and described.

U.S. Patent No **D497,479**, issued 2004-10-26, to **Xie Jianyong**, depicts the ornamental design for a retractable suspensory umbrella, as shown and described.

U.S. Publication No **20020104557**, issued 2001-02-02, to **Pai Ting**, describes an adjusting sleeve assembly including an adjusting sleeve slidably mounted around an upright support member of a sunshade and a mounting member extending outward from the adjusting sleeve and including a U-shape path therein. A pivotal block is pivotally mounted in the mounting member. A connecting rod includes a first end connected to the pivotal block to pivot therewith and a second end pivotally connected to an arcuate tube for supporting a canopy of the sunshade. A push member is slidably received in the pivotal block and includes an end for manual operation. A positioning peg includes a first end securely attached to the push member to move therewith and a second end that is urged into one of two positioning ends of the U-shape path for retaining the connecting rod in place with respect to the mounting member.

U.S. Publication No **20050229956**, issued 2005-01-24, to **Ronald Merritt** and **Jian Yong Xie**, describes an instant gazebo which is movable between an open and closed position quickly and which is side supported to allow maximum flexibility for placement of furniture in the gazebo. The gazebo includes an openable and closable canopy to which is connected a screen enclosure which extends completely around the periphery of the canopy. The screen enclosure may remain attached to the canopy in both the open and closed positions of the gazebo. The preferred

actuation mechanism for the gazebo includes an elongated curved support arm which slides through a hollow sleeve carried at the top of a supporting mast. The support arm slides through the hollow sleeve as the gazebo is opened or closed. After the support arm is raised by the user, a hand crank is actuated to open the canopy. A rotatable mast support allows the gazebo to be easily rotated about the axis of the mast.

U.S. Publication No **20090071517**, issued 2009-03-19, to **Stephen Zhao**, describes umbrella devices and methods for dual-function umbrellas that may combine a vertical-supported and inclined-suspended umbrella in one structure. A dual-function umbrella that may have vertical supporting and incline suspending structure may have a frame column, umbrella holder and a crank mechanism to position the umbrella holder; the umbrella holder may include a fixed umbrella bracket, moveable umbrella bracket, multiple umbrella ribs with one end pin-jointed to the fixed umbrella bracket, and multiple supporting ribs with opposite ends pin-jointed to the central part of a corresponding umbrella rib and the moveable umbrella bracket. The dual-function umbrella may also have a tilting bar and a cross bar wherein the frame column may be equipped with a moveable locking gear for locking the bottom end of the cross bar. The crank mechanism may be positioned at the cross bar bottom end. Each end of the tilting bar may be pin-jointed to the middle part of the frame column and the lower part of the cross bar respectively. The top end of the cross bar may be pin-jointed to the middle part of the central umbrella rod, and the cross bar may have a slot on the lateral side corresponding to the frame column. Inside the slot there may be an embedded slide block, and the top end of the frame column may be pin-jointed to the slide block, such that the top end of the frame column slide block may move along the slot of and relative to the cross bar.

DISADVANTAGES OF THE PRIOR ART

The prior art have failed to solve many problems associated with such under-reach bridge cranes as follows:

- 1) No prior art mention or disclose any umbrellas, having

horizontal-rotation-locking spring-loaded nipple-lock 106.

Therefore, the prior art of umbrellas:

- a) **Not capable** of engaging and disengaging horizontal-rotation-locking pin **107** from horizontal-rotation-locking openings **108** to horizontally rotate physically-impaired-assisting arthritic-assisting single-hand- automatic-sail-deploying-and-retracting multi-direction-hoisting system(s) **110** and wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system(s) **121** to maneuver a land yacht
in the directions of arrows **135**, and **136**
(see **FIG. 19**, and **FIG. 49**; and
- b) **Not capable** of engaging and disengaging horizontal-rotation-locking pin **107** from horizontal-rotation-locking openings **108** to horizontally rotate physically-impaired-assisting arthritic-assisting single-hand- automatic-sail-deploying-and-retracting multi-direction-hoisting system(s) **110** and wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system(s) **121** to quickly and easily rotate and lock with 360 degrees of lateral movement to a desired location and configuration
in the directions of arrows **137**, **138a**, **138b**, **139a**, **139b**, **140**, **141a**, **141b**, **142a**, and **142b**
(see **FIG. 6**, **FIG. 7A**, **FIG. 7B**, **FIG. 30**, **FIG. 41**, **FIG. 42**, **FIG. 43**, and **FIG. 67**).

- 2) No prior art mention or disclose any umbrellas, having
horizontal-rotation-locking openings 108.

Therefore, the prior art of umbrellas:

- a) **Not capable** of lockingly allowing horizontal-rotation-locking pin **107** to engage and disengage to horizontally rotate physically-impaired-assisting arthritic-assisting single-hand- automatic-sail-deploying-and-retracting multi-

direction-hoisting system(s) **110** and wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system(s) **121** to maneuver a land yacht

in the directions of arrows **135**, and **136**

(see **FIG. 19**, and **FIG. 49**; and

- b) **Not capable** of lockingly allowing horizontal-rotation-locking pin **107** to engage and disengage horizontal-rotation-locking openings **108** to horizontally rotate physically-impaired-assisting arthritic-assisting single-hand- automatic-sail-deploying-and-retracting multi-direction-hoisting system(s) **110** and wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system(s) **121** to quickly and easily rotate and lock with 360 degrees of lateral movement to a desired location and configuration in the directions of arrows **137**, **138a**, **138b**, **139a**, **139b**, **140**, **141a**, **141b**, **142a**, and **142b** (see **FIG. 6**, **FIG. 7A**, **FIG. 7B**, **FIG. 30**, **FIG. 41**, **FIG. 42**, **FIG. 43**, and **FIG. 67**).

- 3) No prior art mention or disclose any umbrellas, having **physically-impaired-assisting arthritic-assisting single-hand-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting ergonomic navigator 112**.

Therefore, the prior art of umbrellas:

- a) **Not capable** of allowing a physically-impaired or arthritic to easily deploy and retract the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail without the need to bend the fingers

in the directions of arrows **143, 144, 145a, 145b, 146a, 146b, 147a, 147b, 147c, 147d, 147e, 148, 149, 149b, 150a, 150b, 151a, 151b, 152a, 152b, 152c, 152d, and 152e**

(see **FIG. 2, FIG. 3, FIG. 4, FIG. 5, FIG. 37, FIG. 38, FIG. 39, and FIG. 40**);

- b) **Not capable** of automatically deploying and retracting the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail

in the directions of arrows **143, 144, 145a, 145b, 146a, 146b, 147a, 147b, 147c, 147d, 147e, 148, 149, 149b, 150a, 150b, 151a, 151b, 152a, 152b, 152c, 152d, and 152e**

(see **FIG. 2, FIG. 3, FIG. 4, FIG. 5, FIG. 37, FIG. 38, FIG. 39, and FIG. 40**); and

- c) **Not capable** of automatically engaging physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113**, teeter-totter rocking tubular clamp **116**, canal-hidden automatic-sail-deploying-and-retracting cable **118**, cable-hiding cable-guiding canal **119**, pivoting pulley housing **120**, pivoting pulley hub **122**, wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail **123**, sail-location-securing adjustable removable clip **124**, automatic-sail-deploying-and-retracting-cable pulleys **125**, cable-guiding central tube **126**, sail-buttresses **127**, sail-buttress-supporting arms **128**, arm-hinging shuttling hub **129**, and automatic-sail-deploying-and-retracting-cable anti-tangling weight **130** in a single upward-arching motion to save time and effort in deploying and

retracting the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail

in the directions of arrows **143, 144, 145a, 145b, 146a, 146b, 147a, 147b, 147c, 147d, 147e, 148, 149, 149b, 150a, 150b, 151a, 151b, 152a, 152b, 152c, 152d, and 152e**

(see **FIG. 2, FIG. 3, FIG. 4, FIG. 5, FIG. 37, FIG. 38, FIG. 39, and FIG. 40**).

- 4) No prior art mention or disclose any umbrellas, having **physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter 113**.

Therefore, the prior art of umbrellas:

- a) **Not capable** of automatically engaging teeter-totter rocking tubular clamp **116**, canal-hidden automatic-sail-deploying-and-retracting cable **118**, cable-hiding cable-guiding canal **119**, pivoting pulley housing **120**, pivoting pulley hub **122**, wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail **123**, sail-location-securing adjustable removable clip **124**, automatic-sail-deploying-and-retracting-cable pulleys **125**, cable-guiding central tube **126**, sail-buttresses **127**, sail-buttress-supporting arms **128**, arm-hinging shuttling hub **129**, and automatic-sail-deploying-and-retracting-cable anti-tangling weight **130** in a single upward-arching motion to save time and effort in deploying and retracting the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-

deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail

in the directions of arrows **143, 144, 145a, 145b, 146a, 146b, 147a, 147b, 147c, 147d, 147e, 148, 149, 149b, 150a, 150b, 151a, 151b, 152a, 152b, 152c, 152d, and 152e**

(see **FIG. 2, FIG. 3, FIG. 4, FIG. 5, FIG. 37, FIG. 38, FIG. 39, and FIG. 40**); and

- b) **Not capable** of providing cantilevered weight-balance for the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail to prevent from falling over

in the directions of arrows **150a, 150b, 151a, 151b, 152a, 152b, 152c, 152d, and 152e**

(see **FIG. 39 and FIG. 40**).

- 5) No prior art mention or disclose any umbrellas, having **teeter-totter-locking spring-loaded automatic hook-lock 114**.

Therefore, the prior art of umbrellas:

- a) **Not capable** of automatically locking physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113** to fully deploy the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail to prevent from collapsing and causing injury

in the directions of arrows **143, 144, 145a, 145b, 146a, 146b, 147a, 147b, 147c, 147d, 147e, 148, 149, 149b, 150a, 150b, 151a, 151b, 152a, 152b, 152c, 152d, and 152e**

(see **FIG. 2, FIG. 3, FIG. 4, FIG. 5, FIG. 37, FIG. 38, FIG. 39, and FIG. 40**);

- b) **Not capable** of unlocking physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113** to safely retract the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail to allow for compact storage and moving

in the directions of arrows **153a, 153b, 153c, 154a, 154b, and 154c**

(see **FIG. 28, and FIG. 64**); and

- c) **Not capable** of automatically locking physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113** to assist the physically-impaired or arthritic

in the directions of arrows **153a, 153b, 153c, 154a, 154b, and 154c**

(see **FIG. 28, and FIG. 64**).

- 6) No prior art mention or disclose any umbrellas, having **teeter-totter rocking tubular clamp 116**.

Therefore, the prior art of umbrellas:

- a) **Not capable** of slidably navigating physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113** for deploying and retracting the physically-impaired-assisting arthritic-

assisting five-device-in-one wind-catching-and-redirecting land-yacht-
maneuvering-and powering rainwater-amassing-and-storing garden-irrigating
fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-
deploying-and-retracting single-movement-ergonomic-navigator-to-produce-
multi-function sail

in the directions of arrows **155a**, **155b**, **156a**, and **156b**

(see **FIG. 29A**, **FIG. 29B**, **FIG. 65A**, and **FIG. 65B**);

- b) **Not capable** of preventing physically-impaired-assisting arthritic-assisting
single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering
multi-direction-hoisting slidable-rockable cantilever teeter totter **113** from
disengaging from upper stanchion **109**

in the directions of arrows **155a**, **155b**, **156a**, and **156b**

(see **FIG. 29A**, **FIG. 29B**, **FIG. 65A**, and **FIG. 65B**); and

- c) **Not capable** of pivotably rocking to allow physically-impaired-assisting
arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-
yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter
totter **113** a defined range of motion for deploying and retracting the
physically-impaired-assisting arthritic-assisting five-device-in-one wind-
catching-and-redirecting land-yacht-maneuvering-and powering rainwater-
amassing-and-storing garden-irrigating fruit-harvesting panorama-media-
screen-capable single-hand-automatic-sail-deploying-and-retracting single-
movement-ergonomic-navigator-to-produce-multi-function sail

in the directions of arrows **155a**, **155b**, **156a**, and **156b**

(see **FIG. 29A**, **FIG. 29B**, **FIG. 65A**, and **FIG. 65B**).

- 7) No prior art mention or disclose any umbrellas, having
cable-securing tubular clamp-securing camber 117.

Therefore, the prior art of umbrellas:

- a) **Not capable** of securely and discretely locking canal-hidden automatic-sail-
deploying-and-retracting cable **118**

in the directions of arrow **157a** and **157b**

(see **FIG. 58, FIG. 59A, FIG. 59B, FIG. 60, and FIG. 61**); and

- b) **Not capable** of guiding physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113** to assist and control deploying and retracting the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail

in the directions of arrows **155a, 155b, 156a, and 156b**

(see **FIG. 29A, FIG. 29B, FIG. 65A, and FIG. 65B**).

- 8) No prior art mention or disclose any umbrellas, having

canal-hidden automatic-sail-deploying-and-retracting cable 118.

Therefore, the prior art of umbrellas:

Not capable of automatically engaging teeter-totter rocking tubular clamp **116**, cable-hiding cable-guiding canal **119**, pivoting pulley housing **120**, pivoting pulley hub **122**, wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail **123**, sail-location-securing adjustable removable clip **124**, automatic-sail-deploying-and-retracting-cable pulleys **125**, cable-guiding central tube **126**, sail-buttresses **127**, sail-buttress-supporting arms **128**, arm-hinging shuttling hub **129**, and automatic-sail-deploying-and-retracting-cable anti-tangling weight **130** in a single upward-arching motion to save time and effort in deploying and retracting the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-

10) No prior art mention or disclose any umbrellas, having **wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail 123.**

Therefore, the prior art of umbrellas:

- a) **Not capable** of harvesting fruit and nuts from trees;
- b) **Not capable** of collecting rainwater on a marine craft;
- c) **Not capable** of collecting rainwater for irrigation;
- d) **Not capable** of multi-adjustably catching and redirecting wind to maneuver a land-yacht; and
- e) **Not capable** of providing shade
in the directions of arrows **131a, 131b, 131c, 132a, 132b, 132c, 133a, 133b, 133c, 134a, 134b, 134c, 155a, 155b, 155c, 171a, 171b, 171c, 171d, 172a, 172b, 172c, 172d, 173a, 173b, 173c, 173d, 174a, 174b, 175a, 175b, 176a, 176b, 176c, 176d, 177a, 177b, 177c, 177d, 178a, 178b, 178c, and 178d**
(see **FIG. 9, FIG. 10, FIG. 11, FIG. 12, FIG. 16, FIG. 17, FIG. 18, FIG. 19, FIG. 20, FIG. 21, FIG. 45, FIG. 46, FIG. 47, FIG. 48, FIG. 52, FIG. 53, FIG. 54, FIG. 56, and FIG. 57**).

OBJECTS AND ADVANTAGES OF THE INVENTION

The present invention substantially departs from the conventional concepts and designs of the prior art. In doing so, the present invention provides a physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail (having: a) Sail and stanchion plinth system, b) Horizontal-rotation-locking wind-catching-and-redirecting land-yacht-maneuvering system, c) Physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system, and d) Wind-catching-and-redirecting rainwater-

amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system, having many new and significant features, functions, and advantages, which overcome all the disadvantages of the prior art, as follows:

- 1) It is an object of the new invention to provide (a or an) physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail, having
horizontal-rotation-locking spring-loaded nipple-lock 106.

Therefore, the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail:

- a) Capable of engaging and disengaging horizontal-rotation-locking pin **107** from horizontal-rotation-locking openings **108** to horizontally rotate physically-impaired-assisting arthritic-assisting single-hand- automatic-sail-deploying-and-retracting multi-direction-hoisting system(s) **110** and wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system(s) **121** to maneuver a land yacht
in the directions of arrows **135**, and **136**
(see **FIG. 19**, and **FIG. 49**; and
- b) Capable of engaging and disengaging horizontal-rotation-locking pin **107** from horizontal-rotation-locking openings **108** to horizontally rotate physically-impaired-assisting arthritic-assisting single-hand- automatic-sail-deploying-and-retracting multi-direction-hoisting system(s) **110** and wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail

system(s) **121** to quickly and easily rotate and lock with 360 degrees of lateral movement to a desired location and configuration

in the directions of arrows **137, 138a, 138b, 139a, 139b, 140, 141a, 141b, 142a, and 142b**

(see **FIG. 6, FIG. 7A, FIG. 7B, FIG. 30, FIG. 41, FIG. 42, FIG. 43, and FIG. 67**).

- 2) It is an object of the new invention to provide (a or an) physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail, having **horizontal-rotation-locking openings 108**.

Therefore, the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail:

- a) Capable of lockingly allowing horizontal-rotation-locking pin **107** to engage and disengage to horizontally rotate physically-impaired-assisting arthritic-assisting single-hand- automatic-sail-deploying-and-retracting multi-direction- hoisting system(s) **110** and wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system(s) **121** to maneuver a land yacht
in the directions of arrows **135, and 136**
(see **FIG. 19, and FIG. 49**; and
- b) Capable of lockingly allowing horizontal-rotation-locking pin **107** to engage and disengage horizontal-rotation-locking openings **108** to horizontally rotate physically-impaired-assisting arthritic-assisting single-hand- automatic-sail-

deploying-and-retracting multi-direction-hoisting system(s) 110 and wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system(s) 121 to quickly and easily rotate and lock with 360 degrees of lateral movement to a desired location and configuration

in the directions of arrows 137, 138a, 138b, 139a, 139b, 140, 141a, 141b, 142a, and 142b

(see FIG. 6, FIG. 7A, FIG. 7B, FIG. 30, FIG. 41, FIG. 42, FIG. 43, and FIG. 67).

- 3) It is another object of the new invention to provide (a or an) physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail, having

physically-impaired-assisting arthritic-assisting single-hand-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting ergonomic navigator 112.

Therefore, the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail:

- a) Capable of allowing a physically-impaired or arthritic to easily deploy and retract the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail without the need to bend the fingers

in the directions of arrows **143, 144, 145a, 145b, 146a, 146b, 147a, 147b, 147c, 147d, 147e, 148, 149, 149b, 150a, 150b, 151a, 151b, 152a, 152b, 152c, 152d, and 152e**

(see **FIG. 2, FIG. 3, FIG. 4, FIG. 5, FIG. 37, FIG. 38, FIG. 39, and FIG. 40**);

- b) Capable of automatically deploying and retracting the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail

in the directions of arrows **143, 144, 145a, 145b, 146a, 146b, 147a, 147b, 147c, 147d, 147e, 148, 149, 149b, 150a, 150b, 151a, 151b, 152a, 152b, 152c, 152d, and 152e**

(see **FIG. 2, FIG. 3, FIG. 4, FIG. 5, FIG. 37, FIG. 38, FIG. 39, and FIG. 40**); and

- c) Capable of automatically engaging physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113**, teeter-totter rocking tubular clamp **116**, canal-hidden automatic-sail-deploying-and-retracting cable **118**, cable-hiding cable-guiding canal **119**, pivoting pulley housing **120**, pivoting pulley hub **122**, wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail **123**, sail-location-securing adjustable removable clip **124**, automatic-sail-deploying-and-retracting-cable pulleys **125**, cable-guiding central tube **126**, sail-buttresses **127**, sail-buttress-supporting arms **128**, arm-hinging shuttling hub **129**, and automatic-sail-deploying-and-retracting-cable anti-tangling weight **130** in a single upward-arching motion to save time and effort in deploying and

retracting the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail

in the directions of arrows **143, 144, 145a, 145b, 146a, 146b, 147a, 147b, 147c, 147d, 147e, 148, 149, 149b, 150a, 150b, 151a, 151b, 152a, 152b, 152c, 152d, and 152e**

(see **FIG. 2, FIG. 3, FIG. 4, FIG. 5, FIG. 37, FIG. 38, FIG. 39, and FIG. 40**).

- 4) It is another object of the new invention to provide (a or an) physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail, having **physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter 113**.

Therefore, the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail:

- a) Capable of automatically engaging teeter-totter rocking tubular clamp **116**, canal-hidden automatic-sail-deploying-and-retracting cable **118**, cable-hiding cable-guiding canal **119**, pivoting pulley housing **120**, pivoting pulley hub **122**, wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail **123**, sail-location-securing adjustable removable clip **124**,

automatic-sail-deploying-and-retracting-cable pulleys **125**, cable-guiding central tube **126**, sail-buttresses **127**, sail-buttress-supporting arms **128**, arm-hinging shuttling hub **129**, and automatic-sail-deploying-and-retracting-cable anti-tangling weight **130** in a single upward-arching motion to save time and effort in deploying and retracting the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail

in the directions of arrows **143**, **144**, **145a**, **145b**, **146a**, **146b**, **147a**, **147b**, **147c**, **147d**, **147e**, **148**, **149**, **149b**, **150a**, **150b**, **151a**, **151b**, **152a**, **152b**, **152c**, **152d**, and **152e**

(see **FIG. 2**, **FIG. 3**, **FIG. 4**, **FIG. 5**, **FIG. 37**, **FIG. 38**, **FIG. 39**, and **FIG. 40**); and

- b) Capable of providing cantilevered weight-balance for the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail to prevent from falling over

in the directions of arrows **150a**, **150b**, **151a**, **151b**, **152a**, **152b**, **152c**, **152d**, and **152e**

(see **FIG. 39** and **FIG. 40**).

- 5)** It is still another object of the new invention to provide (a or an) physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail, having

teeter-totter-locking spring-loaded automatic hook-lock 114.

Therefore, the

physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail:

- a) Capable of automatically locking physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113** to fully deploy the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail to prevent from collapsing and causing injury
in the directions of arrows **143, 144, 145a, 145b, 146a, 146b, 147a, 147b, 147c, 147d, 147e, 148, 149, 149b, 150a, 150b, 151a, 151b, 152a, 152b, 152c, 152d, and 152e**
(see **FIG. 2, FIG. 3, FIG. 4, FIG. 5, FIG. 37, FIG. 38, FIG. 39, and FIG. 40**);
- b) Capable of unlocking physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113** to safely retract the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail to allow for compact storage and moving

in the directions of arrows **153a, 153b, 153c, 154a, 154b, and 154c**
(see **FIG. 28**, and **FIG. 64**); and

- c) Capable of automatically locking physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113** to assist the physically-impaired or arthritic
in the directions of arrows **153a, 153b, 153c, 154a, 154b, and 154c**
(see **FIG. 28**, and **FIG. 64**).

- 6) It is yet still another object of the new invention to provide (a or an)
physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail, having

teeter-totter rocking tubular clamp 116.

Therefore, the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail:

- a) Capable of slidably navigating physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113** for deploying and retracting the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail

in the directions of arrows **155a, 155b, 156a, and 156b**
(see **FIG. 29A, FIG. 29B, FIG. 65A, and FIG. 65B**);

- b) Capable of preventing physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113** from disengaging from upper stanchion **109**

in the directions of arrows **155a, 155b, 156a, and 156b**
(see **FIG. 29A, FIG. 29B, FIG. 65A, and FIG. 65B**); and

- c) Capable of pivotably rocking to allow physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113** a defined range of motion for deploying and retracting the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail

in the directions of arrows **155a, 155b, 156a, and 156b**
(see **FIG. 29A, FIG. 29B, FIG. 65A, and FIG. 65B**).

- 7) It is yet still another object of the new invention to provide (a or an) physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail, having
cable-securing tubular clamp-securing camber 117.

Therefore, the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-

automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail:

- a) Capable of securely and discretely locking canal-hidden automatic-sail-deploying-and-retracting cable **118**
in the directions of arrow **157a** and **157b**
(see **FIG. 58, FIG. 59A, FIG. 59B, FIG. 60, and FIG. 61**); and
- b) Capable of guiding physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113** to assist and control deploying and retracting the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail
in the directions of arrows **155a, 155b, 156a, and 156b**
(see **FIG. 29A, FIG. 29B, FIG. 65A, and FIG. 65B**).

- 8) It is still another object of the new invention to provide (a or an) physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail, having

canal-hidden automatic-sail-deploying-and-retracting cable 118.

Therefore, the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail:

Therefore, the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail:

- a) Capable of harvesting fruit and nuts from trees;
- b) Capable of collecting rainwater on a marine craft;
- c) Capable of collecting rainwater for irrigation;
- d) Capable of multi-adjustably catching and redirecting wind to maneuver a land-yacht; and
- e) Capable of providing shade

in the directions of arrows **131a, 131b, 131c, 132a, 132b, 132c, 133a, 133b, 133c, 134a, 134b, 134c, 155a, 155b, 155c, 171a, 171b, 171c, 171d, 172a, 172b, 172c, 172d, 173a, 173b, 173c, 173d, 174a, 174b, 175a, 175b, 176a, 176b, 176c, 176d, 177a, 177b, 177c, 177d, 178a, 178b, 178c, and 178d**
(see **FIG. 9, FIG. 10, FIG. 11, FIG. 12, FIG. 16, FIG. 17, FIG. 18, FIG. 19, FIG. 20, FIG. 21, FIG. 45, FIG. 46, FIG. 47, FIG. 48, FIG. 52, FIG. 53, FIG. 54, FIG. 56, and FIG. 57**).

Other objects and advantages of the present invention will become apparent from a consideration of the accompanying drawings and ensuing description.

BRIEF SUMMARY OF THE INVENTION

A physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail comprises: adjustable louver blades attached to side gutter beams for preventing

rainwater from getting into the bungalow and adjustably controlling amount of sunlight that shines into the bungalow, chutes formed to the side gutter beams and end gutter beams, solar-rechargeable batteries installed within adjustable louver blades for powering led lights and saving costs of replacing non-rechargeable alkaline batteries and helping reduce carbon footprint, a solar panel mounted to adjustable louver blades for collecting solar energy to charge and recharge rechargeable batteries and saving energy costs associated with lighting the bungalow and saving costs of replacing with non-rechargeable alkaline batteries and providing freedom to place the bungalow away from a power outlet and helping reduce carbon footprint, panel frames, panel inserts inserted within the panel frames for enabling the bungalow to become a sauna and a skybox and a dehydrator and providing security and insulation and protection from wind within the bungalow, louver braces inserted within the panel frames for allowing the louvers to be rotated, flipped, and positioned to redirect wind direction and structurally securing louvers, axis pins inserted within the louver braces for providing eight locking points to reposition and locking and unlocking and pivotingly functionalizing the louver braces, louvers attached to the louver braces for redirecting and blocking and reducing and sealing the bungalow to create a sauna and a skybox and a dehydrator, an inner-track insert slidably inserted within hook-sliding track for providing a smooth sound-dampening track for slide hooks to be inserted for securing a curtain or insect screen, a curtain removably hooked onto slide hooks for providing privacy and protection from harmful sun rays and wind and insects, an extending-and-retracting door for providing protection from wind and harmful sun rays and insulation from cold temperatures and security within bungalow, door-spool housing attached to door-spool-housing bracket for providing discrete storage and protection of the extending-and-retracting door, drain openings formed into the corner-posts, corner-post-base-plate covers slidably attached onto the corner-posts, corner-post base-plates secured to the corner-posts, sliding-door track attached to the corner-post base-plates, the panel frames interchangeably and slidably placed into the sliding-door track, anchoring-screw holes drilled into the corner-post base-plates, and tube-screws screwed into the anchoring-screw holes for leveling bungalow when installed on an uneven ground surface and securing the corner-post base-plate to a ground surface and providing adjustment points for each corner-post base-plate, and anchoring bolts screwed through the

tube-screws and the anchoring-screw holes.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 (Prior Art) and FIG. 2 (Prior Art) illustrate perspective views of cantilever umbrellas which are not designed for ease-of-use for physically-impaired or arthritic people, have limited adjustment in positioning, have unnecessarily heavy construction, require a great effort to deploy, and requires a crank handle to extend and retract the canopy, making operation awkward and painful.

FIG. 3, FIG. 4, and FIG. 5 illustrate perspective views of the operation of the physically-impaired-assisting arthritic-assisting single-hand-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting ergonomic navigator **112**, physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system **110**, and wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121**.

FIG. 6 and FIG. 7A illustrate enlarged views of a physically-impaired person easily pressing the horizontal-rotation-locking spring-loaded nipple-lock **106** to rotate the physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system **110**, and the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121**.

FIG. 7B illustrates an enlarged view demonstrating the rotation of the physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system **110**, and the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121**.

FIG. 8 illustrates a side view of the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable

single-hand- automatic-sail-deploying-and-retracting single-movement- ergonomic- navigator-to-produce-multi-function sail demonstrating the wind-catching-and- redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121** in an inverted orientation.

FIG. 9, FIG. 10, FIG. 11, FIG. 12, and FIG. 13 illustrate views demonstrating the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121** aiding in the harvesting of fruit, amassing and storing of rainwater, and functioning as a panorama-media-screen.

FIG. 14 illustrates a front view demonstrating the lower stanchion **104** being inserted into a trailer hitch.

FIG. 15 illustrates a side view demonstrating the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121** functioning as a size-adjustable panorama-media-screen.

FIG. 16, FIG. 17, and FIG. 18 illustrate perspective views demonstrating the lower stanchion **104** being attached to a pickup truck and the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121** aiding in providing shade, amassing and storing rainwater, and irrigating a garden.

FIG. 19, FIG. 20, and FIG. 21 illustrate perspective views demonstrating the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121** functioning as a sail for a land-yacht.

FIG. 22, FIG. 23A, FIG. 23B, FIG. 24, FIG. 25A, and FIG. 25B illustrate enlarged and/or partial views of the physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system **110** and the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121**.

FIG. 26 illustrates a side view of the physically-impaired-assisting arthritic-assisting five-device-

in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand- automatic-sail-deploying-and-retracting single-movement- ergonomic-navigator-to-produce-multi-function sail.

FIG. 27, FIG. 28, FIG. 29A, FIG. 29B, and FIG. 30 illustrate enlarged-partial views and a side view demonstrating the physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system **110** activating the deployment of the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121** into a fully opened position.

FIG. 31 illustrates an enlarged-partial view of components of wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121**.

FIG. 32 illustrates an enlarged-partial view of the physically-impaired-assisting arthritic-assisting single-hand-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting ergonomic navigator **112**.

FIG. 33, FIG. 34, and FIG. 35 illustrate perspective views of components of wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121**.

FIG. 36 (Prior Art) and FIG. 37 (Prior Art) illustrate perspective views of cantilever umbrellas which are not designed for ease-of-use for physically-impaired or arthritic people, have limited adjustment in positioning, have unnecessarily heavy construction, requires a great effort to deploy, and requires a crank handle to extend and retract the canopy, making operation awkward and painful.

FIG. 38, FIG. 39, and FIG. 40 illustrate perspective views of the operation of the physically-impaired-assisting arthritic-assisting single-hand-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting ergonomic navigator **112**, physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system **110**, and wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable

land-yacht-powering sail system 121.

FIG. 41 and **FIG. 42** illustrate enlarged views of a physically-impaired person easily pressing the horizontal-rotation-locking spring-loaded nipple-lock 106 to rotate the physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system 110, and the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system 121.

FIG. 43 illustrates an enlarged view demonstrating the rotation of the physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system 110, and the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system 121.

FIG. 44 illustrates a side view demonstrating the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system 121 in an inverted orientation.

FIG. 45, FIG. 46, FIG. 47, FIG. 48, and FIG. 49 illustrate views demonstrating the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system 121 aiding in the harvesting of fruit, amassing and storing of rainwater, and functioning as a panorama-media-screen.

FIG. 50 illustrates a front view demonstrating the lower stanchion 104 being inserted into a trailer hitch.

FIG. 51 illustrates a side view demonstrating the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system 121 functioning as a size-adjustable panorama-media-screen.

FIG. 52, FIG. 53, and FIG. 54 illustrate perspective views demonstrating the lower stanchion 104 being attached to a pickup truck and the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system 121 aiding in providing shade, amassing and storing

rainwater, and irrigating a garden.

FIG. 55, FIG. 56, and FIG. 57 illustrate perspective views demonstrating the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121** functioning as a sail for a land-yacht.

FIG. 58, FIG. 59A, and FIG. 59B illustrate enlarged and/or partial views of the physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system **110**.

FIG. 60 and FIG. 61 illustrate views demonstrating canal-hidden automatic-sail-deploying-and-retracting cable **118** and automatic-sail-deploying-and-retracting-cable pulleys **125** deploying the physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system **110** and the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121**.

FIG. 62 illustrates a sectional view of the canal-hidden automatic-sail-deploying-and-retracting cable **118** in the cable-hiding cable-guiding canal **119**.

FIG. 63, FIG. 64, FIG. 65A, FIG. 65B, FIG. 66, and FIG. 67 illustrate enlarged-partial views and side views demonstrating the physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system **110** activating the deployment of the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121** into a fully opened position.

FIG. 68 illustrates an enlarged-partial view of a variation of the physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system **110**.

FIG. 69, FIG. 70, FIG. 71, FIG. 72, FIG. 73, and FIG. 74 illustrate partial side views of variations of a sequence demonstrating the opening of the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121**.

FIG. 75, FIG. 76, FIG. 77, FIG. 78, FIG. 79, FIG. 80, FIG. 81, FIG. 82, FIG. 83, FIG. 84,

FIG. 85, FIG. 86, FIG. 87, FIG. 88, FIG. 89, FIG. 90, FIG. 91, and FIG. 92 illustrate side and partial perspective views of a variation of the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand- automatic-sail-deploying-and-retracting single-movement- ergonomic-navigator-to-produce-multi-function sail, demonstrating varying degrees of deployment.

FIG. 93, FIG. 94, FIG. 95, FIG. 96, FIG. 97, and FIG. 98 illustrate partial top views of a variation of the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement- ergonomic-navigator-to-produce-multi-function sail, demonstrating varying degrees of deployment.

FIG. 99, FIG. 100, and FIG. 101 illustrate enlarged-partial side views of a variation of the physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system **110**.

FIG. 102 and FIG. 103 illustrate perspective views of a variation of the horizontal-rotation-locking wind-catching-and-redirecting land-yacht-maneuvering system **105** providing means to rotate the physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system **110** and the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121**.

FIG. 104 illustrates a perspective view of a variation of the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121**.

FIG. 105 illustrates a side view of a variation of the physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system **110**.

FIG. 106, FIG. 107, FIG. 108, FIG. 109, and FIG. 110 illustrate perspective views of a variation of the physically-impaired-assisting arthritic-assisting five-device-in-one wind-

catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement- ergonomic-navigator-to-produce-multi-function sail, including wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail **123**, demonstrating varying degrees of deployment.

FIG. 111 and **FIG. 112** illustrate enlarged perspective and side views of a variation of the sail-location-securing adjustable removable clip **124**.

FIG. 113 and **FIG. 114** illustrate enlarged perspective and side views of variations of the physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system **110**.

FIG. 115, **FIG. 116**, **FIG. 117**, **FIG. 118**, **FIG. 119**, and **FIG. 120** illustrate side views of a variation of the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement- ergonomic-navigator-to-produce-multi-function sail, demonstrating varying degrees of deployment.

FIG. 121 illustrates a partial perspective view of a variation of components of the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121**.

FIG. 122, **FIG. 123**, **FIG. 124**, and **FIG. 125** illustrate partial perspective views of a variation of the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement- ergonomic-navigator-to-produce-multi-function sail, demonstrating varying degrees of deployment.

FIG. 126 illustrates an enlarged perspective view of a variation of the physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system **110**.

FIG. 127 illustrates a partial perspective view of a variation of components of the sail and

stanchion plinth system **101**.

FIG. 128 illustrates a partial perspective view of a variation of components of the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121**.

FIG. 129 illustrates a partial perspective view of a variation of components of the horizontal-rotation-locking wind-catching-and-redirecting land-yacht-maneuvering system **105**.

130 illustrates an enlarged perspective view of a variation of the physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system **110**.

FIG. 131, FIG. 132, FIG. 133, FIG. 134, FIG. 135, FIG. 136, FIG. 137, FIG. 138, FIG. 139, FIG. 140, FIG. 141, FIG. 142, FIG. 143, FIG. 144, FIG. 145, FIG. 146, FIG. 147, and FIG. 148 illustrate partial side, perspective, and top views of a variation of the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand- automatic-sail-deploying-and-retracting single-movement- ergonomic-navigator-to-produce-multi-function sail, demonstrating varying degrees of deployment.

FIG. 149, FIG. 150, FIG. 151, and FIG. 152 illustrate enlarged partial side views of a variation of the teeter-totter-locking spring-loaded automatic hook-lock **114**.

FIG. 153, FIG. 154, FIG. 155, and FIG. 156 illustrate enlarged partial side and perspective views of a variation of the horizontal-rotation-locking wind-catching-and-redirecting land-yacht-maneuvering system **105**.

FIG. 157 and FIG. 158 illustrate perspective views of a variation of the horizontal-rotation-locking wind-catching-and-redirecting land-yacht-maneuvering system **105** providing means to rotate the physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system **110** and the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121**.

FIG. 159, and FIG. 160 illustrate partial perspective views of a variation of components of the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-

harvesting panorama-media-screen-capable land-yacht-powering sail system 121.

FIG. 161, FIG. 162, and FIG. 163 illustrate enlarged perspective views of a variation of the sail-location-securing adjustable removable clip 124.

FIG. 164 and FIG. 165 illustrate enlarged partial side and perspective views of a variation of the physically-impaired-assisting arthritic-assisting single-hand-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting ergonomic navigator 112.

FIG. 166, FIG. 167, and FIG. 168 illustrate an exploded and perspective views of a variation of the sail and stanchion plinth system 101.

FIG. 169, FIG. 170, and FIG. 171 illustrate partial perspective views of a variation of the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system 121.

FIG. 172, FIG. 173, FIG. 174, FIG. 175, FIG. 176, FIG. 177, and FIG. 178 illustrate partial side and perspective views of a variation of the physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system 110 demonstrating varying degrees of deployment of the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system 121.

FIG. 179 illustrates an enlarged perspective view of a variation of the sail-location-securing adjustable removable clip 124.

FIG. 180 illustrates a partial side view of a variation of the canal-hidden automatic-sail-deploying-and-retracting cable 118 and the cable-hiding cable-guiding canal 119.

FIG. 181, FIG. 182, FIG. 183, and FIG. 184 illustrate partial side and perspective views of a variation of the physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system 110.

FIG. 185, FIG. 186, FIG. 187, FIG. 188, FIG. 189, FIG. 190, FIG. 191, FIG. 192, FIG. 193, FIG. 194, FIG. 195, FIG. 196, and FIG. 197 illustrate enlarged partial side and perspective views of variations of the horizontal-rotation-locking wind-catching-and-redirecting land-yacht-maneuvering system 105.

DETAILED DESCRIPTION OF THE INVENTION

The physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail comprises:

- 1) **Sail and stanchion plinth system(s),**
- 2) **Horizontal-rotation-locking wind-catching-and-redirecting land-yacht-maneuvering system(s),**
- 3) **Physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system(s), and**
- 4) **Wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system(s).**

SYSTEM AND COMPONENT

Referring to **FIG. 1 (Prior Art), FIG. 2 (Prior Art), FIG. 3, FIG. 4, FIG. 5, FIG. 6, FIG. 7A, FIG. 7B, FIG. 8, FIG. 9, FIG. 10, FIG. 11, FIG. 12, FIG. 13, FIG. 14, FIG. 15, FIG. 16, FIG. 17, FIG. 18, FIG. 19, FIG. 20, FIG. 21, FIG. 22, FIG. 23A, FIG. 23B, FIG. 24, FIG. 25A, FIG. 25B, FIG. 26, FIG. 27, FIG. 28, FIG. 29A, FIG. 29B, FIG. 30, FIG. 31, FIG. 32, FIG. 33, FIG. 34, and FIG. 35:**

- 1) **Sail and stanchion plinth system 101, comprising:**
- 2) **Lower-stanchion-supporting plinth 102,**
- 3) **Plinth-securing screws 103, and**
- 4) **Lower stanchion 104;**

- 5) Horizontal-rotation-locking wind-catching-and-redirecting land-yacht-maneuvering system **105**, comprising:
 - 6) Horizontal-rotation-locking spring-loaded nipple-lock **106**,
 - 7) Horizontal-rotation-locking pin **107**,
 - 8) Horizontal-rotation-locking openings **108**, and
 - 9) Upper stanchion **109**;

- 10) Physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system **110**, comprising:
 - 11) Multi-direction-hoisting shank **111**,
 - 12) Physically-impaired-assisting arthritic-assisting single-hand-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting ergonomic navigator **112**,
 - 13) Physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113**,
 - 14) Teeter-totter-locking spring-loaded automatic hook-lock **114**,
 - 15) Teeter-totter-locking pin **115**,
 - 16) Teeter-totter rocking tubular clamp **116**,
 - 17) Cable-securing tubular clamp-securing camber **117**,
 - 18) Canal-hidden automatic-sail-deploying-and-retracting cable **118**,
 - 19) Cable-hiding cable-guiding canal **119**, and
 - 20) Pivoting pulley housing **120**;

- 21) Wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121**, comprising:
 - 22) Pivoting pulley hub **122**,
 - 23) Wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail **123**,
 - 24) Sail-location-securing adjustable removable clip **124**,

- 25) Automatic-sail-deploying-and-retracting-cable pulleys **125**,
- 26) Cable-guiding central tube **126**,
- 27) Sail-buttresses **127**,
- 28) Sail-buttress-supporting arms **128**,
- 29) Arm-hinging shuttling hub **129**, and
- 30) Automatic-sail-deploying-and-retracting-cable anti-tangling weight **130**.

MATERIAL

Referring to **FIG. 1 (Prior Art)**, **FIG. 2 (Prior Art)**, **FIG. 3**, **FIG. 4**, **FIG. 5**, **FIG. 6**, **FIG. 7A**, **FIG. 7B**, **FIG. 8**, **FIG. 9**, **FIG. 10**, **FIG. 11**, **FIG. 12**, **FIG. 13**, **FIG. 14**, **FIG. 15**, **FIG. 16**, **FIG. 17**, **FIG. 18**, **FIG. 19**, **FIG. 20**, **FIG. 21**, **FIG. 22**, **FIG. 23A**, **FIG. 23B**, **FIG. 24**, **FIG. 25A**, **FIG. 25B**, **FIG. 26**, **FIG. 27**, **FIG. 28**, **FIG. 29A**, **FIG. 29B**, **FIG. 30**, **FIG. 31**, **FIG. 32**, **FIG. 33**, **FIG. 34**, and **FIG. 35**:

- 1) Sail and stanchion plinth system **101** is (or are each) made of the combined materials of its components.
- 2) Lower-stanchion-supporting plinth **102**
is (or are each) made of the material of metal.
- 3) Plinth-securing screws **103**
is (or are each) made of the material of metal.
- 4) Lower stanchion **104**
is (or are each) made of the material of metal.
- 5) Horizontal-rotation-locking wind-catching-and-redirecting land-yacht-maneuvering system **105** is (or are each) made of the combined materials of its components.
- 6) Horizontal-rotation-locking spring-loaded nipple-lock **106**
is (or are each) made of the material of plastic.
- 7) Horizontal-rotation-locking pin **107**
is (or are each) made of the material of metal.

- 8) Horizontal-rotation-locking openings **108**
 is (or are each) made of empty space.
- 9) Upper stanchion **109**
 is (or are each) made of the material of metal.
- 10) Physically-impaired-assisting arthritic-assisting single-hand- automatic-sail-deploying-
and-retracting multi-direction-hoisting system **110** is (or are each) made of the combined
materials of its components.
- 11) Multi-direction-hoisting shank **111**
 is (or are each) made of the material of metal.
- 12) Physically-impaired-assisting arthritic-assisting single-hand-sail-deploying-
and-retracting land-yacht-maneuvering multi-direction-hoisting ergonomic
navigator **112**
 is (or are each) made of the material of plastic, metal, or rubber.
- 13) Physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-
deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-
rockable cantilever teeter totter **113**
 is (or are each) made of the material of metal.
- 14) Teeter-totter-locking spring-loaded automatic hook-lock **114**
 is (or are each) made of the material of metal and/or plastic.
- 15) Teeter-totter-locking pin **115**
 is (or are each) made of the material of metal or plastic.
- 16) Teeter-totter rocking tubular clamp **116**
 is (or are each) made of the material of metal or plastic.
- 17) Cable-securing tubular clamp-securing camber **117**
 is (or are each) made of the combined material of metal or plastic.
- 18) Canal-hidden automatic-sail-deploying-and-retracting cable **118**
 is (or are each) made of the material of metal.
- 19) Cable-hiding cable-guiding canal **119**
 is (or are each) made of empty space.

- 20) Pivoting pulley housing **120**
is (or are each) made of the material of metal or plastic.
- 21) Wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121** is (or are each) made of the combined materials of its components.
- 22) Pivoting pulley hub **122**
is (or are each) made of the material of metal.
- 23) Wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail **123**
is (or are each) made of the material of vinyl, nylon or other fabric.
- 24) Sail-location-securing adjustable removable clip **124**
is (or are each) made of the material of plastic.
- 25) Automatic-sail-deploying-and-retracting-cable pulleys **125**
is (or are each) made of the material of metal or plastic.
- 26) Cable-guiding central tube **126**
is (or are each) made of the material of metal or plastic.
- 27) Sail-buttresses **127**
is (or are each) made of the material of metal.
- 28) Sail-buttress-supporting arms **128**
is (or are each) made of the material of metal.
- 29) Arm-hinging shuttling hub **129**
is (or are each) made of the material of metal or plastic.
- 30) Automatic-sail-deploying-and-retracting-cable anti-tangling weight **130**
is (or are each) made of the material of metal.

SHAPE

Referring to **FIG. 1 (Prior Art), FIG. 2 (Prior Art), FIG. 3, FIG. 4, FIG. 5, FIG. 6, FIG.**

7A, FIG. 7B, FIG. 8, FIG. 9, FIG. 10, FIG. 11, FIG. 12, FIG. 13, FIG. 14, FIG. 15, FIG. 16, FIG. 17, FIG. 18, FIG. 19, FIG. 20, FIG. 21, FIG. 22, FIG. 23A, FIG. 23B, FIG. 24, FIG. 25A, FIG. 25B, FIG. 26, FIG. 27, FIG. 28, FIG. 29A, FIG. 29B, FIG. 30, FIG. 31, FIG. 32, FIG. 33, FIG. 34, and FIG. 35:

- 1) Sail and stanchion plinth system **101** is (or are each) formed into the combined shapes of its components.
- 2) Lower-stanchion-supporting plinth **102**
is (or are each) formed into the shape of (a or an) rectangle.
- 3) Plinth-securing screws **103**
is (or are each) formed into the shape of (a or an) screw.
- 4) Lower stanchion **104**
is (or are each) formed into the shape of (a or an) tube.
- 5) Horizontal-rotation-locking wind-catching-and-redirecting land-yacht-maneuvering system **105** is (or are each) formed into the combined shapes of its components.
- 6) Horizontal-rotation-locking spring-loaded nipple-lock **106**
is (or are each) formed into the shape of (a or an) rounded rectangle.
- 7) Horizontal-rotation-locking pin **107**
is (or are each) formed into the shape of (a or an) a cylinder with a half-sphere-shape at the top.
- 8) Horizontal-rotation-locking openings **108**
is (or are each) formed into the shape of (a or an) circle.
- 9) Upper stanchion **109**
is (or are each) formed into the shape of (a or an) tube.
- 10) Physically-impaired-assisting arthritic-assisting single-hand- automatic-sail-deploying-and-retracting multi-direction-hoisting system **110** is (or are each) formed into the combined shapes of its components.
- 11) Multi-direction-hoisting shank **111**

- is (or are each) formed into the shape of (a or an) tube.
- 12) Physically-impaired-assisting arthritic-assisting single-hand-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting ergonomic navigator **112**
- is (or are each) formed into the shape of (a or an) circle.
- 13) Physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113**
- is (or are each) formed into the shape of (a or an) curved tube.
- 14) Teeter-totter-locking spring-loaded automatic hook-lock **114**
- is (or are each) formed into the shape of (a or an) rounded rectangle.
- 15) Teeter-totter-locking pin **115**
- is (or are each) formed into the shape of (a or an) triangle.
- 16) Teeter-totter rocking tubular clamp **116**
- is (or are each) formed into the shape of (a or an) tube.
- 17) Cable-securing tubular clamp-securing camber **117**
- is (or are each) formed into the shape of (a or an) eyelet atop a tube.
- 18) Canal-hidden automatic-sail-deploying-and-retracting cable **118**
- is (or are each) formed into the shape of (a or an) cable.
- 19) Cable-hiding cable-guiding canal **119**
- is (or are each) formed into the shape of (a or an) tube with the semi-circular cross-section.
- 20) Pivoting pulley housing **120**
- is (or are each) formed into the shape of (a or an) tube with the ninety-degree bend.
- 21) Wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121** is (or are each) formed into the combined shapes of its components.
- 22) Pivoting pulley hub **122**

- is (or are each) formed into the shape of (a or an) tube with the funnel-shaped end.
- 23) Wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail **123**
is (or are each) formed into the shape of (a or an) hexagon.
 - 24) Sail-location-securing adjustable removable clip **124**
is (or are each) formed into the shape of (a or an) a ring with an opening.
 - 25) Automatic-sail-deploying-and-retracting-cable pulleys **125**
is (or are each) formed into the shape of (a or an) circle.
 - 26) Cable-guiding central tube **126**
is (or are each) formed into the shape of (a or an) tube.
 - 27) Sail-buttresses **127**
is (or are each) formed into the shape of (a or an) tube.
 - 28) Arm-hinging shuttling hub **128**
is (or are each) formed into the shape of (a or an) tube.
 - 29) Insect-preventing screen **129**
is (or are each) formed into the shape of (a or an) compressed sphere.
 - 30) Automatic-sail-deploying-and-retracting-cable anti-tangling weight **130**
is (or are each) formed into the shape of (a or an) cylinder.

CONNECTION

Referring to **FIG. 1 (Prior Art), FIG. 2 (Prior Art), FIG. 3, FIG. 4, FIG. 5, FIG. 6, FIG. 7A, FIG. 7B, FIG. 8, FIG. 9, FIG. 10, FIG. 11, FIG. 12, FIG. 13, FIG. 14, FIG. 15, FIG. 16, FIG. 17, FIG. 18, FIG. 19, FIG. 20, FIG. 21, FIG. 22, FIG. 23A, FIG. 23B, FIG. 24, FIG. 25A, FIG. 25B, FIG. 26, FIG. 27, FIG. 28, FIG. 29A, FIG. 29B, FIG. 30, FIG. 31, FIG. 32, FIG. 33, FIG. 34, and FIG. 35:**

- 1) Sail and stanchion plinth system **101** has the combined connections of its components.
- 2) Lower-stanchion-supporting plinth **102**

- is (or are respectively)
welded to lower stanchion **104**.
- 3) Plinth-securing screws **103**
is (or are respectively)
inserted into lower-stanchion-supporting plinth **102**.
- 4) Lower stanchion **104**
is (or are respectively)
inserted into horizontal-rotation-locking spring-loaded trigger **106**.
- 5) Horizontal-rotation-locking wind-catching-and-redirecting land-yacht-maneuvering system **105** has the combined connections of its components.
- 6) Horizontal-rotation-locking spring-loaded nipple-lock **106**
is (or are respectively)
secured onto lower stanchion **104**.
- 7) Horizontal-rotation-locking pin **107**
is (or are respectively)
formed to horizontal-rotation-locking spring-loaded trigger **106**.
- 8) Horizontal-rotation-locking openings **108**
is (or are respectively)
drilled into upper stanchion **104**.
- 9) Upper stanchion **109**
is (or are respectively)
rotatably inserted into horizontal-rotation-locking spring-loaded trigger **106**.
- 10) Physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system **110** has the combined connections of its components.
- 11) Multi-direction-hoisting shank **111**
is (or are respectively)
pivotably secured to upper stanchion **109**.

- 12) Physically-impaired-assisting arthritic-assisting single-hand-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting ergonomic navigator **112**
is (or are respectively)
hingedly attached to multi-direction-hoisting shank **111**.
- 13) Physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113**
is (or are respectively)
secured to physically-impaired-assisting arthritic-assisting single-hand-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting ergonomic navigator **112**
- 14) Teeter-totter-locking spring-loaded automatic hook-lock **114**
is (or are respectively)
springingly secured to physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113**.
- 15) Teeter-totter-locking pin **115**
is (or are respectively)
formed to teeter-totter rocking tubular clamp **116**.
- 16) Teeter-totter rocking tubular clamp **116**
is (or are respectively)
slidably fit around physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113**.
- 17) Cable-securing tubular clamp-securing camber **117**
is (or are respectively)
secured to upper stanchion **109** and around teeter-totter rocking tubular clamp **116**.
- 18) Canal-hidden automatic-sail-deploying-and-retracting cable **118**
is (or are respectively)

- secured to cable-securing tubular clamp-securing camber **117** and situated within cable-hiding cable-guiding canal **119** and threaded around automatic-sail-deploying-and-retracting-cable pulleys **125** and inserted through cable-guiding central tube **126**.
- 19) Cable-hiding cable-guiding canal **119**
is (or are respectively)
formed into physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113**.
- 20) Pivoting pulley housing **120**
is (or are respectively)
secured to physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113**.
- 21) Wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121**
has the combined connections of its components.
- 22) Pivoting pulley hub **122**
is (or are respectively)
swingingly attached to pivoting pulley housing **120**.
- 23) Wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail **123**
is (or are respectively)
secured to sail-buttresses **127**.
- 24) Sail-location-securing adjustable removable clip **124**
is (or are respectively)
attached to wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail **123** and removably and slidably clipped to upper stanchion **109**.
- 25) Automatic-sail-deploying-and-retracting-cable pulleys **125**

- is (or are respectively)
rotatably secured within cable-hiding cable-guiding canal **119** and pivoting pulley hub **122**.
- 26) Cable-guiding central tube **126**
is (or are respectively)
attached to pivoting pulley hub **122**.
- 27) Sail-buttresses **127**
is (or are respectively)
hingedly attached to pivoting pulley hub **122**.
- 28) Sail-buttress-supporting arms **128**
is (or are respectively)
hingedly attached to arm-hinging shuttling hub **129** and to sail-buttresses **127**.
- 29) Arm-hinging shuttling hub **129**
is (or are respectively)
attached to sail-buttress-supporting arms **128**.
- 30) Automatic-sail-deploying-and-retracting-cable anti-tangling weight **130**
is (or are respectively)
secured to canal-hidden automatic-sail-deploying-and-retracting cable **118**.

FUNCTION

Referring to **FIG. 36 (Prior Art), FIG. 37 (Prior Art), FIG. 38, FIG. 39, FIG. 40, FIG. 41, FIG. 42, FIG. 43, FIG. 44, FIG. 45, FIG. 46, FIG. 47, FIG. 48, FIG. 49, FIG. 50, FIG. 51, FIG. 52, FIG. 53, FIG. 54, FIG. 55, FIG. 56, FIG. 57, FIG. 58, FIG. 59A, FIG. 59B, FIG. 60, FIG. 61, FIG. 62, FIG. 63, FIG. 64, FIG. 65A, FIG. 65B, FIG. 66, and FIG. 67:**

- 1) Sail and stanchion plinth system **101** is for performing the combined functions of its components.
- 2) Lower-stanchion-supporting plinth **102**

is (or are respectively) for:

- a) Securing physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail to the ground

(see **FIG. 8, FIG. 26, and FIG. 27**);

- b) Securing the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail to a railing of a marine craft

(see **FIG. 11, FIG. 12, FIG. 47, and FIG. 48**); and

- c) Securing the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail to a land yacht

(see **FIG. 19, FIG. 20, FIG. 21, FIG. 55, FIG. 56, and FIG. 57**).

3) Plinth-securing screws **103**

is (or are respectively) for:

- a) Securing physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting

single-movement-ergonomic-navigator-to-produce-multi-function sail to the ground

(see **FIG. 27**);

- b) Securing the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail to a railing of a marine craft

(see **FIG. 11, FIG. 12, FIG. 47, and FIG. 48**); and

- c) Securing the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail to a land yacht

(see **FIG. 19, FIG. 20, FIG. 21, FIG. 55, FIG. 56, and FIG. 57**).

4) Lower stanchion **104**

is (or are respectively) for:

- a) Securing the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail to a tow hitch

(see **FIG. 13, FIG. 14, FIG. 16, FIG. 49, FIG. 50, and FIG. 52**);

- b) Securing the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-

media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail to a utility hole of a pickup truck

(see **FIG. 17**, **FIG. 18**, **FIG. 53**, and **FIG. 54**); and

- c) Securing the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic navigator-to-produce-multi-function sail to a bucket

to harvest fruit or collect rainwater

in the directions of arrows **131a**, **131b**, **131c**, **132a**, **132**, **132c**, **133a**, **133b**, **133c**, **134a**, **134b**, and **134c**

(see **FIG. 9**, **FIG. 10**, **FIG. 45**, and **FIG. 46**).

- 5) Horizontal-rotation-locking wind-catching-and-redirecting land-yacht-maneuvering system **105** is for performing the combined functions of its components.

- 6) Horizontal-rotation-locking spring-loaded nipple-lock **106**

is (or are respectively) for:

- a) Engaging and disengaging horizontal-rotation-locking pin **107** from horizontal-rotation-locking openings **108** to horizontally rotate physically-impaired-assisting arthritic-assisting single-hand- automatic-sail-deploying-and-retracting multi-direction-hoisting system(s) **110** and wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system(s) **121** to maneuver a land yacht

in the directions of arrows **135**, and **136**

(see **FIG. 19**, and **FIG. 49**; and

- b) Engaging and disengaging horizontal-rotation-locking pin **107** from horizontal-rotation-locking openings **108** to horizontally rotate physically-impaired-assisting arthritic-assisting single-hand- automatic-sail-deploying-and-retracting multi-direction-hoisting system(s) **110** and wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system(s) **121** to quickly and easily rotate and lock with 360 degrees of lateral movement to a desired location and configuration
in the directions of arrows **137, 138a, 138b, 139a, 139b, 140, 141a, 141b, 142a, and 142b**
(see **FIG. 6, FIG. 7A, FIG. 7B, FIG. 30, FIG. 41, FIG. 42, FIG. 43, and FIG. 67**).

7) Horizontal-rotation-locking pin **107**

is (or are respectively) for:

- a) Engaging and disengaging from horizontal-rotation-locking openings **108** to horizontally rotate physically-impaired-assisting arthritic-assisting single-hand- automatic-sail-deploying-and-retracting multi-direction-hoisting system(s) **110** and wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system(s) **121** to maneuver a land yacht
in the directions of arrows **135, and 136**
(see **FIG. 19, and FIG. 49**); and
- b) Engaging and disengaging from horizontal-rotation-locking openings **108** to horizontally rotate physically-impaired-assisting arthritic-assisting single-hand- automatic-sail-deploying-and-retracting multi-direction-hoisting system(s) **110** and wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system(s) **121** to quickly and easily rotate and lock with 360 degrees of lateral movement to a desired location and configuration

in the directions of arrows **137, 138a, 138b, 139a, 139b, 140, 141a, 141b, 142a, and 142b**

(see **FIG. 6, FIG. 7A, FIG. 7B, FIG. 30, FIG. 41, FIG. 42, FIG. 43, and FIG. 67**).

8) **Horizontal-rotation-locking openings 108**

is (or are respectively) for:

- a) Lockingly allowing horizontal-rotation-locking pin **107** to engage and disengage to horizontally rotate physically-impaired-assisting arthritic-assisting single-hand- automatic-sail-deploying-and-retracting multi-direction-hoisting system(s) **110** and wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system(s) **121** to maneuver a land yacht

in the directions of arrows **135, and 136**

(see **FIG. 19, and FIG. 49**; and

- b) Lockingly allowing horizontal-rotation-locking pin **107** to engage and disengage horizontal-rotation-locking openings **108** to horizontally rotate physically-impaired-assisting arthritic-assisting single-hand- automatic-sail-deploying-and-retracting multi-direction-hoisting system(s) **110** and wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system(s) **121** to quickly and easily rotate and lock with 360 degrees of lateral movement to a desired location and configuration

in the directions of arrows **137, 138a, 138b, 139a, 139b, 140, 141a, 141b, 142a, and 142b**

(see **FIG. 6, FIG. 7A, FIG. 7B, FIG. 30, FIG. 41, FIG. 42, FIG. 43, and FIG. 67**).

9) **Upper stanchion 109**

is (or are respectively) for:

- a) Providing upper structure for the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail

(see **FIG. 8** and **FIG. 44**); and

- b) Providing a location to slidably attach sail-location-securing adjustable removable clip **124**

(see **FIG. 22** and **FIG. 58**).

10) Physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system **110** is for performing the combined functions of its components.

11) Multi-direction-hoisting shank **111**

is (or are respectively) for:

- a) Hingedly supporting physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113**

(see **FIG. 4** and **FIG. 8**); and

- b) Pivotably providing a defined range of motion for deploying and retracting the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail

(see **FIG. 4** and **FIG. 8**).

12) Physically-impaired-assisting arthritic-assisting single-hand-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting ergonomic navigator **112**

is (or are respectively) for:

- a) Allowing a physically-impaired or arthritic to easily deploy and retract the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail without the need to bend the fingers

in the directions of arrows **143, 144, 145a, 145b, 146a, 146b, 147a, 147b, 147c, 147d, 147e, 148, 149, 149b, 150a, 150b, 151a, 151b, 152a, 152b, 152c, 152d, and 152e**

(see **FIG. 2, FIG. 3, FIG. 4, FIG. 5, FIG. 37, FIG. 38, FIG. 39, and FIG. 40**);

- b) Automatically deploying and retracting the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail

in the directions of arrows **143, 144, 145a, 145b, 146a, 146b, 147a, 147b, 147c, 147d, 147e, 148, 149, 149b, 150a, 150b, 151a, 151b, 152a, 152b, 152c, 152d, and 152e**

(see **FIG. 2, FIG. 3, FIG. 4, FIG. 5, FIG. 37, FIG. 38, FIG. 39, and FIG. 40**); and

- c) Automatically engaging physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113**, teeter-totter rocking tubular clamp **116**, canal-hidden automatic-sail-deploying-and-

retracting cable **118**, cable-hiding cable-guiding canal **119**, pivoting pulley housing **120**, pivoting pulley hub **122**, wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail **123**, sail-location-securing adjustable removable clip **124**, automatic-sail-deploying-and-retracting-cable pulleys **125**, cable-guiding central tube **126**, sail-buttresses **127**, sail-buttress-supporting arms **128**, arm-hinging shuttling hub **129**, and automatic-sail-deploying-and-retracting-cable anti-tangling weight **130** in a single upward-arching motion to save time and effort in deploying and retracting the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail

in the directions of arrows **143**, **144**, **145a**, **145b**, **146a**, **146b**, **147a**, **147b**, **147c**, **147d**, **147e**, **148**, **149**, **149b**, **150a**, **150b**, **151a**, **151b**, **152a**, **152b**, **152c**, **152d**, and **152e**

(see **FIG. 2**, **FIG. 3**, **FIG. 4**, **FIG. 5**, **FIG. 37**, **FIG. 38**, **FIG. 39**, and **FIG. 40**);.

- 13) Physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113**

is (or are respectively) for:

- a) Automatically engaging teeter-totter rocking tubular clamp **116**, canal-hidden automatic-sail-deploying-and-retracting cable **118**, cable-hiding cable-guiding canal **119**, pivoting pulley housing **120**, pivoting pulley hub **122**, wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail **123**, sail-location-securing adjustable removable clip **124**, automatic-sail-deploying-and-retracting-cable pulleys **125**, cable-guiding central tube **126**,

sail-buttresses **127**, sail-buttress-supporting arms **128**, arm-hinging shuttling hub **129**, and automatic-sail-deploying-and-retracting-cable anti-tangling weight **130** in a single upward-arching motion to save time and effort in deploying and retracting the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail

in the directions of arrows **143**, **144**, **145a**, **145b**, **146a**, **146b**, **147a**, **147b**, **147c**, **147d**, **147e**, **148**, **149**, **149b**, **150a**, **150b**, **151a**, **151b**, **152a**, **152b**, **152c**, **152d**, and **152e**

(see **FIG. 2**, **FIG. 3**, **FIG. 4**, **FIG. 5**, **FIG. 37**, **FIG. 38**, **FIG. 39**, and **FIG. 40**); and

- b) Providing cantilevered weight-balance for the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail to prevent from falling over in the directions of arrows **150a**, **150b**, **151a**, **151b**, **152a**, **152b**, **152c**, **152d**, and **152e** (see **FIG. 39** and **FIG. 40**).

14) Teeter-totter-locking spring-loaded automatic hook-lock **114**

is (or are respectively) for:

- a) Automatically locking physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113** to fully deploy the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-

amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail to prevent from collapsing and causing injury

in the directions of arrows **143, 144, 145a, 145b, 146a, 146b, 147a, 147b, 147c, 147d, 147e, 148, 149, 149b, 150a, 150b, 151a, 151b, 152a, 152b, 152c, 152d, and 152e**

(see **FIG. 2, FIG. 3, FIG. 4, FIG. 5, FIG. 37, FIG. 38, FIG. 39, and FIG. 40**);

- b) Unlocking physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113** to safely retract the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail to allow for compact storage and moving

in the directions of arrows **153a, 153b, 153c, 154a, 154b, and 154c**

(see **FIG. 28, and FIG. 64**); and

- c) Automatically locking physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113** to assist the physically-impaired or arthritic

in the directions of arrows **153a, 153b, 153c, 154a, 154b, and 154c**

(see **FIG. 28, and FIG. 64**).

15) Teeter-totter-locking pin **115**

is (or are respectively) for:

- a) Automatically locking physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-

direction-hoisting slidable-rockable cantilever teeter totter **113** to fully deploy the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail to prevent from collapsing and causing injury

(see **FIG. 28** and **FIG. 64**);

- b) Unlocking physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113** to safely retract the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail to allow for compact storage and moving

in the directions of arrows **153a**, **153b**, **153c**, **154a**, **154b**, and **154c**

(see **FIG. 28**, and **FIG. 64**); and

- c) Automatically locking physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113** to assist the physically-impaired or arthritic

in the directions of arrows **153a**, **153b**, **153c**, **154a**, **154b**, and **154c**

(see **FIG. 28**, and **FIG. 64**).

16) Teeter-totter rocking tubular clamp **116**

is (or are respectively) for:

- a) Slidably navigating physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113** for deploying

and retracting the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail

in the directions of arrows **155a**, **155b**, **156a**, and **156b**

(see **FIG. 29A**, **FIG. 29B**, **FIG. 65A**, and **FIG. 65B**);

- b) Preventing physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113** from disengaging from upper stanchion **109**

in the directions of arrows **155a**, **155b**, **156a**, and **156b**

(see **FIG. 29A**, **FIG. 29B**, **FIG. 65A**, and **FIG. 65B**); and

- c) Pivotably rocking to allow physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113** a defined range of motion for deploying and retracting the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail

in the directions of arrows **155a**, **155b**, **156a**, and **156b**

(see **FIG. 29A**, **FIG. 29B**, **FIG. 65A**, and **FIG. 65B**).

- 17) Cable-securing tubular clamp-securing camber **117**

is (or are respectively) for:

- a) Securely and discretely locking canal-hidden automatic-sail-deploying-and-retracting cable **118**

in the directions of arrow **157a** and **157b**

(see **FIG. 58**, **FIG. 59A**, **FIG. 59B**, **FIG. 60**, and **FIG. 61**); and

(see **FIG. 60, FIG. 61, FIG. 63, and FIG. 64**).

19) Cable-hiding cable-guiding canal **119**

is (or are respectively) for:

- a) Discretely hiding canal-hidden automatic-sail-deploying-and-retracting cable **118** within to be more aesthetically pleasing
in the directions of arrows **164a** and **165a**
(see **FIG. 58, FIG. 59A, FIG. 59B, FIG. 60, and FIG. 61**);
- b) Discretely hiding canal-hidden automatic-sail-deploying-and-retracting cable **118** within to prevent injury
in the directions of arrows **164a** and **165a**
(see **FIG. 58, FIG. 59A, FIG. 59B, FIG. 60, and FIG. 61**); and
- c) Guiding canal-hidden automatic-sail-deploying-and-retracting cable **118** to
assist in deploying and retracting the physically-impaired-assisting arthritic-
assisting five-device-in-one wind-catching-and-redirecting land-yacht-
maneuvering-and powering rainwater-amassing-and-storing garden-irrigating
fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-
deploying-and-retracting single-movement-ergonomic-navigator-to-produce-
multi-function sail
in the directions of arrows **164a, 164b, 164c, 164d, 164e, 165a, 165b,**
165a, 165a, 165a, 165a, 165a, 165a, 165a, 165a, 165a, 165a, 165a,
165a, and 169d
(see **FIG. 60, FIG. 61, FIG. 63, and FIG. 64**).

20) Pivoting pulley housing **120**

is (or are respectively) for:

Protecting canal-hidden automatic-sail-deploying-and-retracting cable **118**
and Automatic-sail-deploying-and-retracting-cable pulleys **125** from rain or
damage; and
Swingly providing a location for pivoting pulley hub **122** to attach
in the directions of arrows **164a, 164b, 165a, and 165b**
(see **FIG. 60, and FIG. 61**).

- 21) Wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121** is for performing the combined functions of its components.
- 22) Pivoting pulley hub **122** is (or are respectively) for:
- a) Protecting canal-hidden automatic-sail-deploying-and-retracting cable **118** and Automatic-sail-deploying-and-retracting-cable pulleys **125** from rain or damage
in the directions of arrows **164a**, **164b**, **165a**, and **165b**
(see **FIG. 60**, and **FIG. 61**);
 - b) Swingingly providing a location for wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121** to attach
in the directions of arrows **164a**, **164b**, **165a**, and **165b**
(see **FIG. 60**, and **FIG. 61**);
 - c) Swingingly and weightingly and automatically aligning wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121** vertically
in the directions of arrows **164a**, **164b**, **165a**, and **165b**
(see **FIG. 60**, and **FIG. 61**); and
 - d) Providing a pivot point to allow wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail **123** to function as a panorama-media screen
in the directions of arrows **136** and **170**
(see **FIG. 13**, **FIG. 15**, **FIG. 49**, and **FIG. 51**).

- 23) Wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail **123** is (or are respectively) for:
- a) Harvesting fruit and nuts from trees;
 - b) Collecting rainwater on a marine craft;
 - c) Collecting rainwater for irrigation;
 - d) Multi-adjustably catching and redirecting wind to maneuver a land-yacht; and
 - e) Providing shade
- in the directions of arrows **131a, 131b, 131c, 132a, 132b, 132c, 133a, 133b, 133c, 134a, 134b, 134c, 155a, 155b, 155c, 171a, 171b, 171c, 171d, 172a, 172b, 172c, 172d, 173a, 173b, 173c, 173d, 174a, 174b, 175a, 175b, 176a, 176b, 176c, 176d, 177a, 177b, 177c, 177d, 178a, 178b, 178c, and 178d**
- (see **FIG. 9, FIG. 10, FIG. 11, FIG. 12, FIG. 16, FIG. 17, FIG. 18, FIG. 19, FIG. 20, FIG. 21, FIG. 45, FIG. 46, FIG. 47, FIG. 48, FIG. 52, FIG. 53, FIG. 54, FIG. 56, and FIG. 57**).
- 24) Sail-location-securing adjustable removable clip **124** is (or are respectively) for:
- a) Securing wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail **123** to prevent from spinning
- (see **FIG. 22, FIG. 23A, FIG. 58, and FIG. 59A**); and
- b) Slidably vertically guiding wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail **123** when deploying and retracting the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail

(see **FIG. 22**, **FIG. 23A**, **FIG. 58**, and **FIG. 59A**).

25) Automatic-sail-deploying-and-retracting-cable pulleys **125**

is (or are respectively) for:

- a) Guiding canal-hidden automatic-sail-deploying-and-retracting cable **118** when deploying and retracting the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail

in the directions of arrows **164a**, **164b**, **165a**, and **165b**

(see **FIG. 60**, and **FIG. 61**); and

- b) Providing easy rotation when deploying and retracting the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail

in the directions of arrows **164a**, **164b**, **165a**, and **165b**

(see **FIG. 60**, and **FIG. 61**).

26) Cable-guiding central tube **126**

is (or are respectively) for:

Guiding canal-hidden automatic-sail-deploying-and-retracting cable **118** when deploying and retracting the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail

in the directions of arrows **164e** and **167c**

(see **FIG. 60**, and **FIG. 63**).

27) Sail-buttresses **127**

is (or are respectively) for:

- a) Providing support structure for wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail **123**
in the directions of arrows **166a, 166b, 167a, 167b, 167c, 167d, and 167e**
(see **FIG. 40, FIG. 63, and FIG. 64**); and
- b) Automatically and hingingly deploying and retracting wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail **123**
in the directions of arrows **146a, 146b, 147a, 147b, 147c, 147d, 147e, 151a, 151b, 152a, 152b, 152c, 152d, 152e, 166a, 166b, 167a, 167b, 167c, 167d, 167e, 168a, 168b, 169a, 169b, 169c, and 169d**
(see **FIG. 5, FIG. 40, FIG. 63, and FIG. 64**).

28) Sail-buttress-supporting arms **128**

is (or are respectively) for:

- a) Providing support structure for wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail **123**
in the directions of arrows **166a, 166b, 167a, 167b, 167c, 167d, 167e, 168a, 168b, 169a, 169b, 169c, and 169d**
(see **FIG. 40, FIG. 63, and FIG. 64**); and
- b) Automatically and hingingly deploying and retracting wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail **123**
in the directions of arrows **146a, 146b, 147a, 147b, 147c, 147d, 147e, 151a, 151b, 152a, 152b, 152c, 152d, 15de, 166a, 166b, 167a, 167b, 167c, 167d, 167e, 168a, 168b, 169a, 169b, 169c, and 169d**
(see **FIG. 5, FIG. 40, FIG. 63, and FIG. 64**).

29) **Arm-hinging shuttling hub 129**

is (or are respectively) for:

Automatically deploying and retracting wind-catching-and-redirecting
rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-
media-screen-capable land-yacht-powering sail **123**

in the directions of arrows **151a, 151b, 152a, 152b, 152c, 152d, 152e,**
166a, 166b, 167a, 167b, 167c, 167d, 167e, 168a, 168b, 169a, 169b,
169c, and 169d

(see **FIG. 40, FIG. 63, and FIG. 64**).

30) **Automatic-sail-deploying-and-retracting-cable anti-tangling weight 130**

is (or are respectively) for:

a) Weightingly preventing canal-hidden automatic-sail-deploying-and-retracting
cable **118** from tangling; and

b) Assisting in deploying and retracting wind-catching-and-redirecting
rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-
media-screen-capable land-yacht-powering sail **123**

in the directions of arrows **146a, 146b, 147a, 147b, 147c, 147d, 147e,**
151a, 151b, 152a, 152b, 152c, 152d, 152e, 166a, 166b, 167a, 167b,
167c, 167d, 167e, 168a, 168b, 169a, 169b, 169c, and 169d

(see **FIG. 5, FIG. 40, FIG. 63, and FIG. 64**).

VARIATION

Any component of the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand- automatic-sail-deploying-and-retracting single-movement- ergonomic-navigator-to-produce-multi-function sail can have any shape and size. Any component of the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-

screen-capable single-hand- automatic-sail-deploying-and-retracting single-movement- ergonomic-navigator-to-produce-multi-function sail can be made of any material(s).

FIG. 68 illustrates an enlarged-partial view of a variation of the physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system **110**. **FIG. 69, FIG. 70, FIG. 71, FIG. 72, FIG. 73, and FIG. 74** illustrate partial side views of variations of a sequence demonstrating the opening of the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121**. **FIG. 75, FIG. 76, FIG. 77, FIG. 78, FIG. 79, FIG. 80, FIG. 81, FIG. 82, FIG. 83, FIG. 84, FIG. 85, FIG. 86, FIG. 87, FIG. 88, FIG. 89, FIG. 90, FIG. 91, and FIG. 92** illustrate side and partial perspective views of a variation of the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand- automatic-sail-deploying-and-retracting single-movement- ergonomic-navigator-to-produce-multi-function sail, demonstrating varying degrees of deployment. **FIG. 93, FIG. 94, FIG. 95, FIG. 96, FIG. 97, and FIG. 98** illustrate partial top views of a variation of the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand- automatic-sail-deploying-and-retracting single-movement- ergonomic-navigator-to-produce-multi-function sail, demonstrating varying degrees of deployment. **FIG. 99, FIG. 100, and FIG. 101** illustrate enlarged-partial side views of a variation of the physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system **110**. **FIG. 102 and FIG. 103** illustrate perspective views of a variation of the horizontal-rotation-locking wind-catching-and-redirecting land-yacht-maneuvering system **105** providing means to rotate the physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system **110** and the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121**. **FIG. 104** illustrates a perspective view of a variation of the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-

capable land-yacht-powering sail system **121**. **FIG. 105** illustrates a side view of a variation of the physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system **110**. **FIG. 106**, **FIG. 107**, **FIG. 108**, **FIG. 109**, and **FIG. 110** illustrate perspective views of a variation of the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and-powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand- automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail, including wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail **123**, demonstrating varying degrees of deployment. **FIG. 111** and **FIG. 112** illustrate enlarged perspective and side views of a variation of the sail-location-securing adjustable removable clip **124**. **FIG. 113** and **FIG. 114** illustrate enlarged perspective and side views of variations of the physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system **110**. **FIG. 115**, **FIG. 116**, **FIG. 117**, **FIG. 118**, **FIG. 119**, and **FIG. 120** illustrate side views of a variation of the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand- automatic-sail-deploying-and-retracting single-movement- ergonomic-navigator-to-produce-multi-function sail, demonstrating varying degrees of deployment. **FIG. 121** illustrates a partial perspective view of a variation of components of the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121**. **FIG. 122**, **FIG. 123**, **FIG. 124**, and **FIG. 125** illustrate partial perspective views of a variation of the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand- automatic-sail-deploying-and-retracting single-movement- ergonomic-navigator-to-produce-multi-function sail, demonstrating varying degrees of deployment. **FIG. 126** illustrates an enlarged perspective view of a variation of the physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system **110**. **FIG. 127** illustrates a partial

perspective view of a variation of components of the sail and stanchion plinth system 101.

FIG. 128 illustrates a partial perspective view of a variation of components of the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system 121. **FIG. 129** illustrates a partial perspective view of a variation of components of the horizontal-rotation-locking wind-catching-and-redirecting land-yacht-maneuvering system 105. **FIG. 130** illustrates an enlarged perspective view of a variation of the physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system 110. **FIG. 131, FIG. 132, FIG. 133, FIG. 134, FIG. 135, FIG. 136, FIG. 137, FIG. 138, FIG. 139, FIG. 140, FIG. 141, FIG. 142, FIG. 143, FIG. 144, FIG. 145, FIG. 146, FIG. 147, and FIG. 148** illustrate partial side, perspective, and top views of a variation of the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand- automatic-sail-deploying-and-retracting single-movement- ergonomic-navigator-to-produce-multi-function sail, demonstrating varying degrees of deployment. **FIG. 149, FIG. 150, FIG. 151, and FIG. 152** illustrate enlarged partial side views of a variation of the teeter-totter-locking spring-loaded automatic hook-lock 114. **FIG. 153, FIG. 154, FIG. 155, and FIG. 156** illustrate enlarged partial side and perspective views of a variation of the horizontal-rotation-locking wind-catching-and-redirecting land-yacht-maneuvering system 105. **FIG. 157 and FIG. 158** illustrate perspective views of a variation of the horizontal-rotation-locking wind-catching-and-redirecting land-yacht-maneuvering system 105 providing means to rotate the physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system 110 and the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system 121. **FIG. 159 and FIG. 160** illustrate partial perspective views of a variation of components of the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system 121. **FIG. 161, FIG. 162, and FIG. 163** illustrate enlarged perspective views of a variation of the sail-location-securing adjustable removable clip 124. **FIG. 164 and FIG. 165** illustrate enlarged partial side and perspective views of a variation of the

physically-impaired-assisting arthritic-assisting single-hand-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting ergonomic navigator **112**. **FIG. 166**, **FIG. 167**, and **FIG. 168** illustrate an exploded and perspective views of a variation of the sail and stanchion plinth system **101**. **FIG. 169**, **FIG. 170**, and **FIG. 171** illustrate partial perspective views of a variation of the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121**. **FIG. 172**, **FIG. 173**, **FIG. 174**, **FIG. 175**, **FIG. 176**, **FIG. 177**, and **FIG. 178** illustrate partial side and perspective views of a variation of the physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system **110** demonstrating varying degrees of deployment of the wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system **121**. **FIG. 179** illustrates an enlarged perspective view of a variation of the sail-location-securing adjustable removable clip **124**. **FIG. 180** illustrates a partial side view of a variation of the canal-hidden automatic-sail-deploying-and-retracting cable **118** and the cable-hiding cable-guiding canal **119**. **FIG. 181**, **FIG. 182**, **FIG. 183**, and **FIG. 184** illustrate partial side and perspective views of a variation of the physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system **110**. **FIG. 185**, **FIG. 186**, **FIG. 187**, and **FIG. 188** illustrate enlarged partial side and perspective views of variations of the horizontal-rotation-locking wind-catching-and-redirecting land-yacht-maneuvering system **105** having a twist knob release. **FIG. 189**, **FIG. 190**, and **FIG. 191** illustrate enlarged partial side and perspective views of variations of the horizontal-rotation-locking wind-catching-and-redirecting land-yacht-maneuvering system **105** having a push-button release. **FIG. 192**, **FIG. 193**, **FIG. 194**, and **FIG. 195** illustrate enlarged partial side and perspective views of variations of the horizontal-rotation-locking wind-catching-and-redirecting land-yacht-maneuvering system **105** having a straight-pole coupling. **FIG. 196**, and **FIG. 197** illustrate enlarged partial side and perspective views of variations of the horizontal-rotation-locking wind-catching-and-redirecting land-yacht-maneuvering system **105** having a grab-handle release.

MAJOR ADVANTAGES OF THE INVENTION

The present invention substantially departs from the conventional concepts and designs of the prior art. In doing so, the present invention provides a physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail (having: a) Sail and stanchion plinth system, b) Horizontal-rotation-locking wind-catching-and-redirecting land-yacht-maneuvering system, c) Physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting multi-direction-hoisting system, and d) Wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system, having many new and significant features, functions, and advantages, which overcome all the disadvantages of the prior art, as follows:

- 1) It is an object of the new invention to provide (a or an) physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail, having

horizontal-rotation-locking spring-loaded nipple-lock 106.

Therefore, the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail:

- a) Capable of engaging and disengaging horizontal-rotation-locking pin **107** from horizontal-rotation-locking openings **108** to horizontally rotate physically-impaired-assisting arthritic-assisting single-hand- automatic-sail-deploying-and-retracting multi-direction-hoisting system(s) **110** and wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating

fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system(s) **121** to maneuver a land yacht

in the directions of arrows **135**, and **136**

(see **FIG. 19**, and **FIG. 49**; and

- b) Capable of engaging and disengaging horizontal-rotation-locking pin **107** from horizontal-rotation-locking openings **108** to horizontally rotate physically-impaired-assisting arthritic-assisting single-hand- automatic-sail-deploying-and-retracting multi-direction-hoisting system(s) **110** and wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail system(s) **121** to quickly and easily rotate and lock with 360 degrees of lateral movement to a desired location and configuration

in the directions of arrows **137**, **138a**, **138b**, **139a**, **139b**, **140**, **141a**, **141b**, **142a**, and **142b**

(see **FIG. 6**, **FIG. 7A**, **FIG. 7B**, **FIG. 30**, **FIG. 41**, **FIG. 42**, **FIG. 43**, and **FIG. 67**).

- 2) It is an object of the new invention to provide (a or an) physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail, having **horizontal-rotation-locking openings 108**.

Therefore, the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail:

- a) Capable of lockingly allowing horizontal-rotation-locking pin **107** to engage and disengage to horizontally rotate physically-impaired-assisting arthritic-

assisting single-hand- automatic-sail-deploying-and-retracting multi-direction-
hoisting system(s) **110** and wind-catching-and-redirecting rainwater-
amassing-and-storing garden-irrigating fruit-harvesting panorama-media-
screen-capable land-yacht-powering sail system(s) **121** to maneuver a land
yacht

in the directions of arrows **135**, and **136**

(see **FIG. 19**, and **FIG. 49**; and

- b) Capable of lockingly allowing horizontal-rotation-locking pin **107** to engage
and disengage horizontal-rotation-locking openings **108** to horizontally rotate
physically-impaired-assisting arthritic-assisting single-hand- automatic-sail-
deploying-and-retracting multi-direction-hoisting system(s) **110** and wind-
catching-and-redirecting rainwater-amassing-and-storing garden-irrigating
fruit-harvesting panorama-media-screen-capable land-yacht-powering sail
system(s) **121** to quickly and easily rotate and lock with 360 degrees of lateral
movement to a desired location and configuration

in the directions of arrows **137**, **138a**, **138b**, **139a**, **139b**, **140**, **141a**,
141b, **142a**, and **142b**

(see **FIG. 6**, **FIG. 7A**, **FIG. 7B**, **FIG. 30**, **FIG. 41**, **FIG. 42**, **FIG. 43**,
and **FIG. 67**).

- 3) It is another object of the new invention to provide (a or an) physically-impaired-assisting
arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-
and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-
media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-
ergonomic-navigator-to-produce-multi-function sail, having
**physically-impaired-assisting arthritic-assisting single-hand-sail-deploying-and-
retracting land-yacht-maneuvering multi-direction-hoisting ergonomic navigator 112.**
Therefore, the physically-impaired-assisting arthritic-assisting five-device-in-one wind-
catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-
storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-

automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail:

- a) Capable of allowing a physically-impaired or arthritic to easily deploy and retract the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail without the need to bend the fingers
in the directions of arrows **143, 144, 145a, 145b, 146a, 146b, 147a, 147b, 147c, 147d, 147e, 148, 149, 149b, 150a, 150b, 151a, 151b, 152a, 152b, 152c, 152d, and 152e**
(see **FIG. 2, FIG. 3, FIG. 4, FIG. 5, FIG. 37, FIG. 38, FIG. 39, and FIG. 40**);
- b) Capable of automatically deploying and retracting the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail
in the directions of arrows **143, 144, 145a, 145b, 146a, 146b, 147a, 147b, 147c, 147d, 147e, 148, 149, 149b, 150a, 150b, 151a, 151b, 152a, 152b, 152c, 152d, and 152e**
(see **FIG. 2, FIG. 3, FIG. 4, FIG. 5, FIG. 37, FIG. 38, FIG. 39, and FIG. 40**); and
- c) Capable of automatically engaging physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113**, teeter-totter rocking tubular clamp **116**, canal-hidden automatic-sail-deploying-and-retracting cable **118**, cable-hiding cable-guiding canal **119**,

pivoting pulley housing 120, pivoting pulley hub 122, wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail 123, sail-location-securing adjustable removable clip 124, automatic-sail-deploying-and-retracting-cable pulleys 125, cable-guiding central tube 126, sail-buttresses 127, sail-buttress-supporting arms 128, arm-hinging shuttling hub 129, and automatic-sail-deploying-and-retracting-cable anti-tangling weight 130 in a single upward-arching motion to save time and effort in deploying and retracting the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail in the directions of arrows 143, 144, 145a, 145b, 146a, 146b, 147a, 147b, 147c, 147d, 147e, 148, 149, 149b, 150a, 150b, 151a, 151b, 152a, 152b, 152c, 152d, and 152e (see FIG. 2, FIG. 3, FIG. 4, FIG. 5, FIG. 37, FIG. 38, FIG. 39, and FIG. 40).

- 4) It is another object of the new invention to provide (a or an) physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail, having **physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter 113.**

Therefore, the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-

automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail:

- a) Capable of automatically engaging teeter-totter rocking tubular clamp **116**, canal-hidden automatic-sail-deploying-and-retracting cable **118**, cable-hiding cable-guiding canal **119**, pivoting pulley housing **120**, pivoting pulley hub **122**, wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail **123**, sail-location-securing adjustable removable clip **124**, automatic-sail-deploying-and-retracting-cable pulleys **125**, cable-guiding central tube **126**, sail-buttresses **127**, sail-buttress-supporting arms **128**, arm-hinging shuttling hub **129**, and automatic-sail-deploying-and-retracting-cable anti-tangling weight **130** in a single upward-arching motion to save time and effort in deploying and retracting the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail
in the directions of arrows **143, 144, 145a, 145b, 146a, 146b, 147a, 147b, 147c, 147d, 147e, 148, 149, 149b, 150a, 150b, 151a, 151b, 152a, 152b, 152c, 152d, and 152e**
(see **FIG. 2, FIG. 3, FIG. 4, FIG. 5, FIG. 37, FIG. 38, FIG. 39, and FIG. 40**); and
- b) Capable of providing cantilevered weight-balance for the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail to prevent from falling over

in the directions of arrows **150a, 150b, 151a, 151b, 152a, 152b, 152c, 152d, and 152e**
(see **FIG. 39** and **FIG. 40**).

- 5) It is still another object of the new invention to provide (a or an) physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail, having **teeter-totter-locking spring-loaded automatic hook-lock 114**.

Therefore, the

physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail:

- a) Capable of automatically locking physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113** to fully deploy the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail to prevent from collapsing and causing injury

in the directions of arrows **143, 144, 145a, 145b, 146a, 146b, 147a, 147b, 147c, 147d, 147e, 148, 149, 149b, 150a, 150b, 151a, 151b, 152a, 152b, 152c, 152d, and 152e**

(see **FIG. 2, FIG. 3, FIG. 4, FIG. 5, FIG. 37, FIG. 38, FIG. 39, and FIG. 40**);

- b) Capable of unlocking physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113** to safely retract the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail to allow for compact storage and moving
in the directions of arrows **153a, 153b, 153c, 154a, 154b, and 154c**
(see **FIG. 28**, and **FIG. 64**); and
- c) Capable of automatically locking physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113** to assist the physically-impaired or arthritic
in the directions of arrows **153a, 153b, 153c, 154a, 154b, and 154c**
(see **FIG. 28**, and **FIG. 64**).

- 6) It is yet still another object of the new invention to provide (a or an) physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail, having
teeter-totter rocking tubular clamp 116.

Therefore, the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail:

- a) Capable of slidably navigating physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113** for deploying and retracting the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail
in the directions of arrows **155a, 155b, 156a, and 156b**
(see **FIG. 29A, FIG. 29B, FIG. 65A, and FIG. 65B**);
- b) Capable of preventing physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113** from disengaging from upper stanchion **109**
in the directions of arrows **155a, 155b, 156a, and 156b**
(see **FIG. 29A, FIG. 29B, FIG. 65A, and FIG. 65B**); and
- c) Capable of pivotably rocking to allow physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113** a defined range of motion for deploying and retracting the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail
in the directions of arrows **155a, 155b, 156a, and 156b**
(see **FIG. 29A, FIG. 29B, FIG. 65A, and FIG. 65B**).

7) It is yet still another object of the new invention to provide (a or an)

physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail, having

cable-securing tubular clamp-securing camber 117.

Therefore, the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail:

- a) Capable of securely and discretely locking canal-hidden automatic-sail-deploying-and-retracting cable **118**
in the directions of arrow **157a** and **157b**
(see **FIG. 58, FIG. 59A, FIG. 59B, FIG. 60, and FIG. 61**); and
- b) Capable of guiding physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter **113** to assist and control deploying and retracting the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail
in the directions of arrows **155a, 155b, 156a, and 156b**
(see **FIG. 29A, FIG. 29B, FIG. 65A, and FIG. 65B**).

- 8) It is still another object of the new invention to provide (a or an)
physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-

cable-hiding cable-guiding canal 119.

- a) Capable of discretely hiding canal-hidden automatic-sail-deploying-and-retracting cable **118** within to be more aesthetically pleasing
in the directions of arrows **164a** and **165a**
(see **FIG. 58, FIG. 59A, FIG. 59B, FIG. 60,** and **FIG. 61**);
- b) Capable of discretely hiding canal-hidden automatic-sail-deploying-and-retracting cable **118** within to prevent injury
in the directions of arrows **164a** and **165a**
(see **FIG. 58, FIG. 59A, FIG. 59B, FIG. 60,** and **FIG. 61**); and
- c) Capable of guiding canal-hidden automatic-sail-deploying-and-retracting cable **118** to assist in deploying and retracting the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail
in the directions of arrows **164a, 164b, 164c, 164d, 164e, 165a, 165b, 165a, 165a, 165a, 165a, 165a, 165a, 165a, 165a, 165a, 165a, 165a, 165a,** and **169d**
(see **FIG. 60, FIG. 61, FIG. 63,** and **FIG. 64**).

10) It is a further object of the new invention to provide (a or an)

physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail, having

wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail 123.

Therefore, the physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail:

- a) Capable of harvesting fruit and nuts from trees;
- b) Capable of collecting rainwater on a marine craft;
- c) Capable of collecting rainwater for irrigation;
- d) Capable of multi-adjustably catching and redirecting wind to maneuver a land-yacht; and
- e) Capable of providing shade

in the directions of arrows **131a, 131b, 131c, 132a, 132b, 132c, 133a, 133b, 133c, 134a, 134b, 134c, 155a, 155b, 155c, 171a, 171b, 171c, 171d, 172a, 172b, 172c, 172d, 173a, 173b, 173c, 173d, 174a, 174b, 175a, 175b, 176a, 176b, 176c, 176d, 177a, 177b, 177c, 177d, 178a, 178b, 178c, and 178d**

(see **FIG. 9, FIG. 10, FIG. 11, FIG. 12, FIG. 16, FIG. 17, FIG. 18, FIG. 19, FIG. 20, FIG. 21, FIG. 45, FIG. 46, FIG. 47, FIG. 48, FIG. 52, FIG. 53, FIG. 54, FIG. 56, and FIG. 57**).

CLAIM

The Claims defining the invention are, as follows:

1. A physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail comprising:

a lower-stanchion-supporting plinth;

a plurality of plinth-securing screws

inserted into said lower-stanchion-supporting plinth;

a lower stanchion welded to said lower-stanchion-supporting plinth;

a horizontal-rotation-locking spring-loaded nipple-lock

secured to said lower stanchion;

a horizontal-rotation-locking pin

formed to said horizontal-rotation-locking spring-loaded nipple-lock;

a plurality of horizontal-rotation-locking openings;

an upper stanchion,

said horizontal-rotation-locking openings formed into said upper stanchion

wherein

said horizontal-rotation-locking spring-loaded nipple-lock

is for

engaging and disengaging said horizontal-rotation-locking pin from said

horizontal-rotation-locking openings to horizontally rotate said upper

stanchion to maneuver a land yacht, and

engaging and disengaging said horizontal-rotation-locking pin from said

horizontal-rotation-locking openings to horizontally rotate said upper

stanchion to quickly and easily rotate and lock with 360 degrees of lateral movement to a desired location and configuration;
 a multi-direction-hoisting shank
 pivotably secured to said upper stanchion;
 a physically-impaired-assisting arthritic-assisting single-hand-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting ergonomic navigator
 hingedly attached to said multi-direction-hoisting shank
 for
 allowing a physically-impaired or arthritic to easily deploy and retract said physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail without the need to bend the fingers, and
 automatically deploying and retracting said physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail;
 a physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter
 secured to said physically-impaired-assisting arthritic-assisting single-hand-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting ergonomic navigator
 for
 providing cantilevered weight-balance for said physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-

yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail to prevent from falling over;
a teeter-totter-locking spring-loaded automatic hook-lock

springingly secured to said physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter
for

automatically locking said physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter to fully deploy said physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail to prevent from collapsing and causing injury,
unlocking said physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter to safely retract said physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail to allow for compact storage and moving, and
automatically locking said physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering

multi-direction-hoisting slidable-rockable cantilever teeter totter to assist the physically-impaired or arthritic;

a teeter-totter-locking pin;

a teeter-totter rocking tubular clamp

slidably fit around said physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter,

said teeter-totter-locking pin formed to said teeter-totter rocking tubular clamp for

slidably navigating said physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter for deploying and retracting said physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail,

preventing said physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter from disengaging from said upper stanchion, and

pivotably rocking to allow said physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter a defined range of motion for deploying and retracting said physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable

single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail;

a cable-securing tubular clamp-securing camber

secured to said upper stanchion and around said teeter-totter rocking tubular clamp

for

guiding said physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter to automatically assist and control deploying and retracting said physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail;

a canal-hidden automatic-sail-deploying-and-retracting cable

secured to said cable-securing tubular clamp-securing camber;

a cable-hiding cable-guiding canal

formed into said physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter

for

discretely hiding said canal-hidden automatic-sail-deploying-and-retracting cable within to be more aesthetically pleasing,

discretely hiding said canal-hidden automatic-sail-deploying-and-retracting cable within to prevent injury, and

guiding said canal-hidden automatic-sail-deploying-and-retracting cable to assist in deploying and retracting said physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-

deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail;

a pivoting pulley housing

secured to said physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter;

a pivoting pulley hub

swingingly attached to said pivoting pulley housing;

a wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail

for

harvesting fruit and nuts from trees,

collecting rainwater on a marine craft,

collecting rainwater for irrigation,

multi-adjustably catching and redirecting wind to maneuver a land-yacht, and

providing shade;

a plurality of automatic-sail-deploying-and-retracting-cable pulleys

rotatably secured within said pivoting pulley housing and said pivoting pulley hub for

guiding said canal-hidden automatic-sail-deploying-and-retracting cable when deploying and retracting said physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail, and

providing easy rotation when deploying and retracting said physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable

single-hand-automatic-sail-deploying-and-retracting single-movement-
ergonomic-navigator-to-produce-multi-function sail;

a cable-guiding central tube

attached to said pivoting pulley hub,
said automatic-sail-deploying-and-retracting cable
secured to said cable-securing tubular clamp-securing camber and situated within
said cable-hiding cable-guiding canal and threaded around said automatic-sail-
deploying-and-retracting-cable pulleys and inserted through said cable-guiding
central tube;

a plurality of sail-buttresses

hingedly attached to said pivoting pulley hub,
said wind-catching-and-redirecting rainwater-amassing-and-storing garden-
irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail
secured to said sail-buttresses;

a plurality of sail-buttress-supporting arms

hingedly attached to said sail-buttresses;

an arm-hinging shuttling hub

attached to said sail-buttress-supporting arms
wherein
said canal-hidden automatic-sail-deploying-and-retracting cable
is for

automatically engaging said teeter-totter rocking tubular clamp, said cable-
hiding cable-guiding canal, said pivoting pulley housing, said pivoting pulley
hub, said wind-catching-and-redirecting rainwater-amassing-and-storing
garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-
powering sail, said automatic-sail-deploying-and-retracting-cable pulleys, said
cable-guiding central tube, said sail-buttresses, said sail-buttress-supporting
arms, and said arm-hinging shuttling hub in a single upward-arching motion to
automatically save time and effort in deploying and retracting said physically-
impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-

redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail.

2. The physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail of claim 1,

further comprising:

sail-location-securing adjustable removable clip

attached to said wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail and removably and slidably clipped to said upper stanchion

for

securing said wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail to prevent from spinning, and

slidably vertically guiding said wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail when deploying and retracting said physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail.

3. The physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail of claim 1,
further comprising:
an automatic-sail-deploying-and-retracting-cable anti-tangling weight
secured to said canal-hidden automatic-sail-deploying-and-retracting cable
for
weightingly preventing said canal-hidden automatic-sail-deploying-and-retracting cable from tangling, and
assisting in deploying and retracting said wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail.
4. The physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail of claim 1,
wherein:
said physically-impaired-assisting arthritic-assisting single-hand-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting ergonomic navigator
is formed into the shape of a circle.
5. The physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-

automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail of claim 1,

wherein:

said wind-catching-and-redirecting rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable land-yacht-powering sail

is formed into the shape of hexagon.

6. The physically-impaired-assisting arthritic-assisting five-device-in-one wind-catching-and-redirecting land-yacht-maneuvering-and powering rainwater-amassing-and-storing garden-irrigating fruit-harvesting panorama-media-screen-capable single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail of claim 1,

wherein:

said physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting land-yacht-maneuvering multi-direction-hoisting slidable-rockable cantilever teeter totter

is made of the material of metal.

7. A physically-impaired-assisting arthritic-assisting five-device-in-one rainwater-amassing-and-storing garden-irrigating fruit-harvesting single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail comprising:

a lower-stanchion-supporting plinth;

a plurality of plinth-securing screws

inserted into said lower-stanchion-supporting plinth;

a lower stanchion welded to said lower-stanchion-supporting plinth;

a spring-loaded nipple-lock

secured to said lower stanchion;

a rotation-locking pin

formed to said spring-loaded nipple-lock;

a plurality of rotation-locking openings;

an upper stanchion,

said rotation-locking openings formed into said upper stanchion

wherein

said spring-loaded nipple-lock

is for

engaging and disengaging said rotation-locking pin from said rotation-locking openings to horizontally rotate said upper stanchion to maneuver a land yacht, and

engaging and disengaging said rotation-locking pin from said rotation-locking openings to horizontally rotate said upper stanchion to quickly and easily rotate and lock with 360 degrees of lateral movement to a desired location and configuration;

a hoisting shank

pivotably secured to said upper stanchion;

a physically-impaired-assisting arthritic-assisting single-hand-sail-deploying-and-retracting hoisting navigator

hingedly attached to said hoisting shank

for

allowing a physically-impaired or arthritic to easily deploy and retract said physically-impaired-assisting arthritic-assisting five-device-in-one rainwater-amassing-and-storing garden-irrigating fruit-harvesting single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail without the need to bend the fingers, and

automatically deploying and retracting said physically-impaired-assisting arthritic-assisting five-device-in-one rainwater-amassing-and-storing garden-

irrigating fruit-harvesting single-hand-automatic-sail-deploying-and-retracting
 single-movement-ergonomic-navigator-to-produce-multi-function sail;
 a physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-
 and-retracting hoisting cantilever teeter totter
 secured to said physically-impaired-assisting arthritic-assisting single-hand-sail-
 deploying-and-retracting hoisting navigator
 for
 providing cantilevered weight-balance for said physically-impaired-assisting
 arthritic-assisting five-device-in-one rainwater-amassing-and-storing garden-
 irrigating fruit-harvesting single-hand-automatic-sail-deploying-and-retracting
 single-movement-ergonomic-navigator-to-produce-multi-function sail to
 prevent from falling over;
 a teeter-totter-locking automatic hook-lock
 springingly secured to said physically-impaired-assisting arthritic-assisting single-
 hand-automatic-sail-deploying-and-retracting hoisting cantilever teeter totter
 for
 automatically locking said physically-impaired-assisting arthritic-assisting
 single-hand-automatic-sail-deploying-and-retracting hoisting cantilever teeter
 totter to fully deploy said physically-impaired-assisting arthritic-assisting five-
 device-in-one rainwater-amassing-and-storing garden-irrigating fruit-
 harvesting single-hand-automatic-sail-deploying-and-retracting single-
 movement-ergonomic-navigator-to-produce-multi-function sail to prevent
 from collapsing and causing injury,
 unlocking said physically-impaired-assisting arthritic-assisting single-hand-
 automatic-sail-deploying-and-retracting hoisting cantilever teeter totter to
 safely retract said physically-impaired-assisting arthritic-assisting five-device-
 in-one rainwater-amassing-and-storing garden-irrigating fruit-harvesting
 single-hand-automatic-sail-deploying-and-retracting single-movement-
 ergonomic-navigator-to-produce-multi-function sail to allow for compact
 storage and moving, and

automatically locking said physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting hoisting cantilever teeter totter to assist the physically-impaired or arthritic;

a teeter-totter-locking pin;

a teeter-totter rocking tubular clamp

slidably fit around said physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting hoisting cantilever teeter totter, said teeter-totter-locking pin formed to said teeter-totter rocking tubular clamp for

slidably navigating said physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting hoisting cantilever teeter totter for deploying and retracting said physically-impaired-assisting arthritic-assisting five-device-in-one rainwater-amassing-and-storing garden-irrigating fruit-harvesting single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail, preventing said physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting hoisting cantilever teeter totter from disengaging from said upper stanchion, and pivotably rocking to allow said physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting hoisting cantilever teeter totter a defined range of motion for deploying and retracting said physically-impaired-assisting arthritic-assisting five-device-in-one rainwater-amassing-and-storing garden-irrigating fruit-harvesting single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail;

a cable-securing tubular clamp-securing camber

secured to said upper stanchion and around said teeter-totter rocking tubular clamp for

guiding said physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting hoisting cantilever teeter totter to

automatically assist and control deploying and retracting said physically-impaired-assisting arthritic-assisting five-device-in-one rainwater-amassing-and-storing garden-irrigating fruit-harvesting single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail;

an automatic-sail-deploying-and-retracting cable

secured to said cable-securing tubular clamp-securing camber;

a cable-hiding cable-guiding canal

formed into said physically-impaired-assisting arthritic-assisting single-hand-automatic-sail-deploying-and-retracting hoisting cantilever teeter totter
for

discretely hiding said automatic-sail-deploying-and-retracting cable within to
be more aesthetically pleasing,

discretely hiding said automatic-sail-deploying-and-retracting cable within to
prevent injury, and

guiding said automatic-sail-deploying-and-retracting cable to assist in
deploying and retracting said physically-impaired-assisting arthritic-assisting
five-device-in-one rainwater-amassing-and-storing garden-irrigating fruit-
harvesting single-hand-automatic-sail-deploying-and-retracting single-
movement-ergonomic-navigator-to-produce-multi-function sail;

a pivoting pulley housing

secured to said physically-impaired-assisting arthritic-assisting single-hand-
automatic-sail-deploying-and-retracting hoisting cantilever teeter totter;

a pivoting pulley hub

swingingly attached to said pivoting pulley housing;

a rainwater-amassing-and-storing garden-irrigating fruit-harvesting sail

for

harvesting fruit and nuts from trees,
collecting rainwater on a marine craft,
collecting rainwater for irrigation,

multi-adjustably catching and redirecting wind to maneuver a land-yacht, and providing shade;

a plurality of automatic-sail-deploying-and-retracting-cable pulleys

rotatably secured within said pivoting pulley housing and said pivoting pulley hub for

guiding said automatic-sail-deploying-and-retracting cable when deploying and retracting said physically-impaired-assisting arthritic-assisting five-device-in-one rainwater-amassing-and-storing garden-irrigating fruit-harvesting single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail, and providing easy rotation when deploying and retracting said physically-impaired-assisting arthritic-assisting five-device-in-one rainwater-amassing-and-storing garden-irrigating fruit-harvesting single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail;

a cable-guiding central tube

attached to said pivoting pulley hub,

said automatic-sail-deploying-and-retracting cable

secured to said cable-securing tubular clamp-securing camber and situated within said cable-hiding cable-guiding canal and threaded around said automatic-sail-deploying-and-retracting-cable pulleys and inserted through said cable-guiding central tube;

a plurality of sail-buttresses

hingedly attached to said pivoting pulley hub,

said rainwater-amassing-and-storing garden-irrigating fruit-harvesting sail

secured to said sail-buttresses;

a plurality of sail-buttress-supporting arms

hingedly attached to said sail-buttresses;

an arm-hinging shuttling hub

attached to said sail-buttress-supporting arms

wherein

said automatic-sail-deploying-and-retracting cable

is for

automatically engaging said teeter-totter rocking tubular clamp, said cable-hiding cable-guiding canal, said pivoting pulley housing, said pivoting pulley hub, said rainwater-amassing-and-storing garden-irrigating fruit-harvesting sail, said automatic-sail-deploying-and-retracting-cable pulleys, said cable-guiding central tube, said sail-buttresses, said sail-buttress-supporting arms, and said arm-hinging shuttling hub in a single upward-arching motion to automatically save time and effort in deploying and retracting said physically-impaired-assisting arthritic-assisting five-device-in-one rainwater-amassing-and-storing garden-irrigating fruit-harvesting single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail.

8. The physically-impaired-assisting arthritic-assisting five-device-in-one rainwater-amassing-and-storing garden-irrigating fruit-harvesting single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail of claim 7,

further comprising:

a sail-location-securing adjustable removable clip

attached to rainwater-amassing-and-storing garden-irrigating fruit-harvesting sail and removably and slidably clipped to said upper stanchion

for

securing said rainwater-amassing-and-storing garden-irrigating fruit-harvesting sail to prevent from spinning, and

slidably vertically guiding said rainwater-amassing-and-storing garden-irrigating fruit-harvesting sail when deploying and retracting said physically-impaired-assisting arthritic-assisting five-device-in-one rainwater-amassing-and-storing garden-irrigating fruit-harvesting single-hand-automatic-sail-

deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail.

9. The physically-impaired-assisting arthritic-assisting five-device-in-one rainwater-amassing-and-storing garden-irrigating fruit-harvesting single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail of claim 7,

further comprising:

an automatic-sail-deploying-and-retracting-cable anti-tangling weight
secured to said automatic-sail-deploying-and-retracting cable
for
weightingly preventing said automatic-sail-deploying-and-retracting cable
from tangling, and
assisting in deploying and retracting said rainwater-amassing-and-storing
garden-irrigating fruit-harvesting sail.

10. The physically-impaired-assisting arthritic-assisting five-device-in-one rainwater-amassing-and-storing garden-irrigating fruit-harvesting single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail of claim 7,

wherein:

said physically-impaired-assisting arthritic-assisting single-hand-sail-deploying-and-retracting hoisting navigator
is formed into the shape of a circle.

11. The physically-impaired-assisting arthritic-assisting five-device-in-one rainwater-amassing-and-storing garden-irrigating fruit-harvesting single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail of claim 7,

wherein:

said rainwater-amassing-and-storing garden-irrigating fruit-harvesting sail
is formed into the shape of hexagon.

- 12.** The physically-impaired-assisting arthritic-assisting five-device-in-one rainwater-amassing-and-storing garden-irrigating fruit-harvesting single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail of claim 7,

wherein:

said rainwater-amassing-and-storing garden-irrigating fruit-harvesting sail
is made of the material of vinyl, nylon or other fabric.

- 13.** The physically-impaired-assisting arthritic-assisting five-device-in-one rainwater-amassing-and-storing garden-irrigating fruit-harvesting single-hand-automatic-sail-deploying-and-retracting single-movement-ergonomic-navigator-to-produce-multi-function sail of claim 7,

wherein:

said automatic-sail-deploying-and-retracting cable
is made of the material of metal.

- 14.** A physically-impaired-assisting single-movement automatic-deploying-and-retracting sail comprising:

a plinth;

a plurality of plinth screws

inserted into said plinth;

a lower stanchion welded to said plinth;

a nipple-lock

secured to said lower stanchion;

a plurality of locking openings;

an upper stanchion,

said locking openings formed into said upper stanchion;
a hoisting shank
 pivotably secured to said upper stanchion;
a hoisting navigator
 hingedly attached to said hoisting shank;
a hoisting teeter totter
 secured to said hoisting navigator;
a teeter-totter hook-lock
 springingly secured to said hoisting teeter totter;
a teeter-totter clamp
 slidably fit around said hoisting teeter totter;
a camber
 secured to said upper stanchion and around said teeter-totter clamp;
a cable
 secured to said camber;
a cable canal
 formed into said hoisting teeter totter;
a pivoting pulley housing
 secured to said hoisting teeter totter;
a pivoting pulley hub
 swingingly attached to said pivoting pulley housing;
a sail;
a plurality of cable pulleys
 rotatably secured within said pivoting pulley housing and said pivoting pulley hub;
a central tube
 attached to said pivoting pulley hub,
 said cable secured to said camber and situated within said cable canal and threaded
 around said cable pulleys and inserted through said central tube;
a plurality of sail-buttresses
 hingedly attached to said pivoting pulley hub,

said sail secured to said sail-buttresses;
a plurality of sail-buttress-supporting arms
hingedly attached to said sail-buttresses;
a shuttling hub
attached to said sail-buttress-supporting arms.

- 15.** The physically-impaired-assisting single-movement automatic-deploying-and-retracting sail of claim **14**,
wherein:
said hoisting teeter totter
is made of the material of metal.

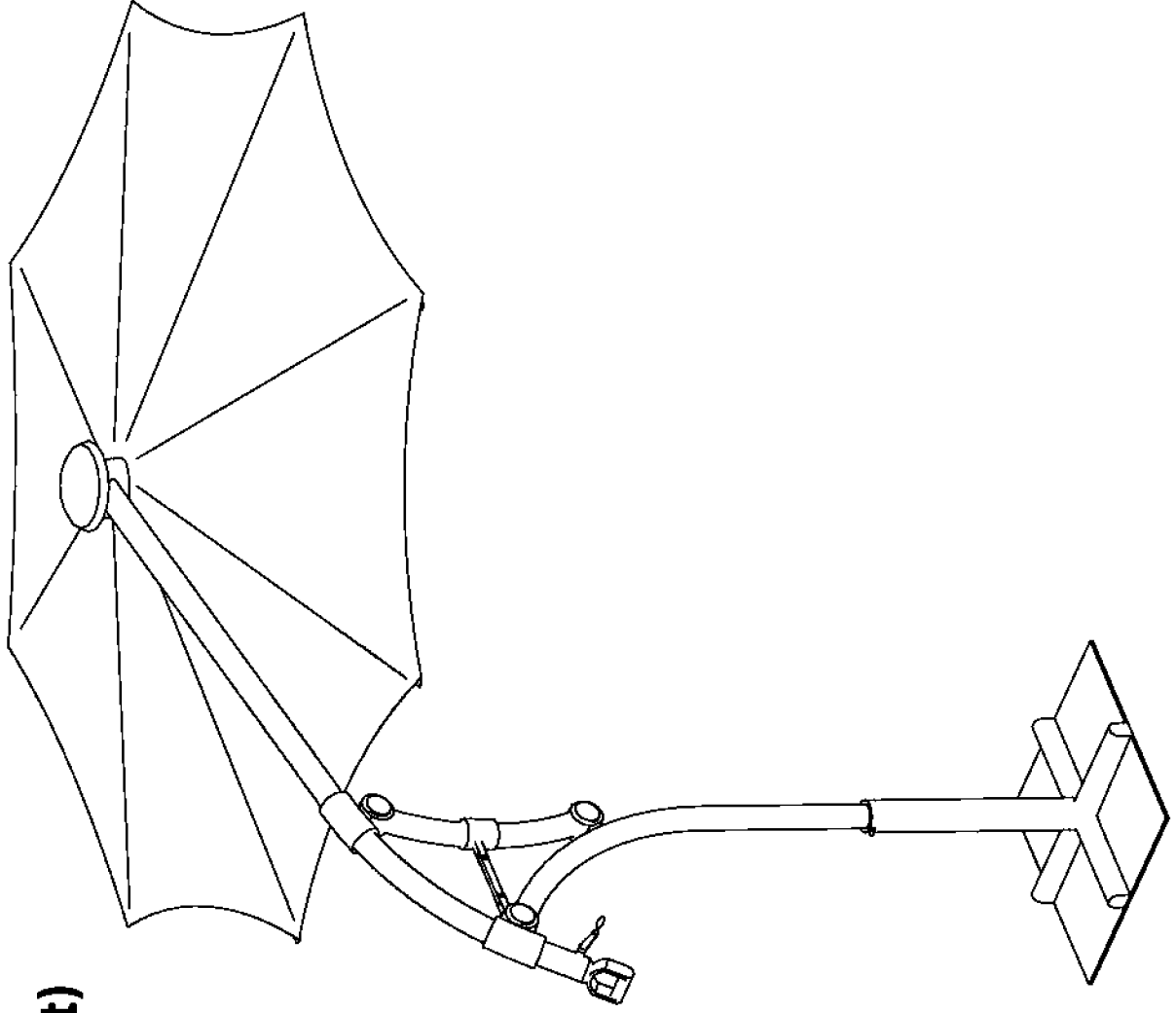
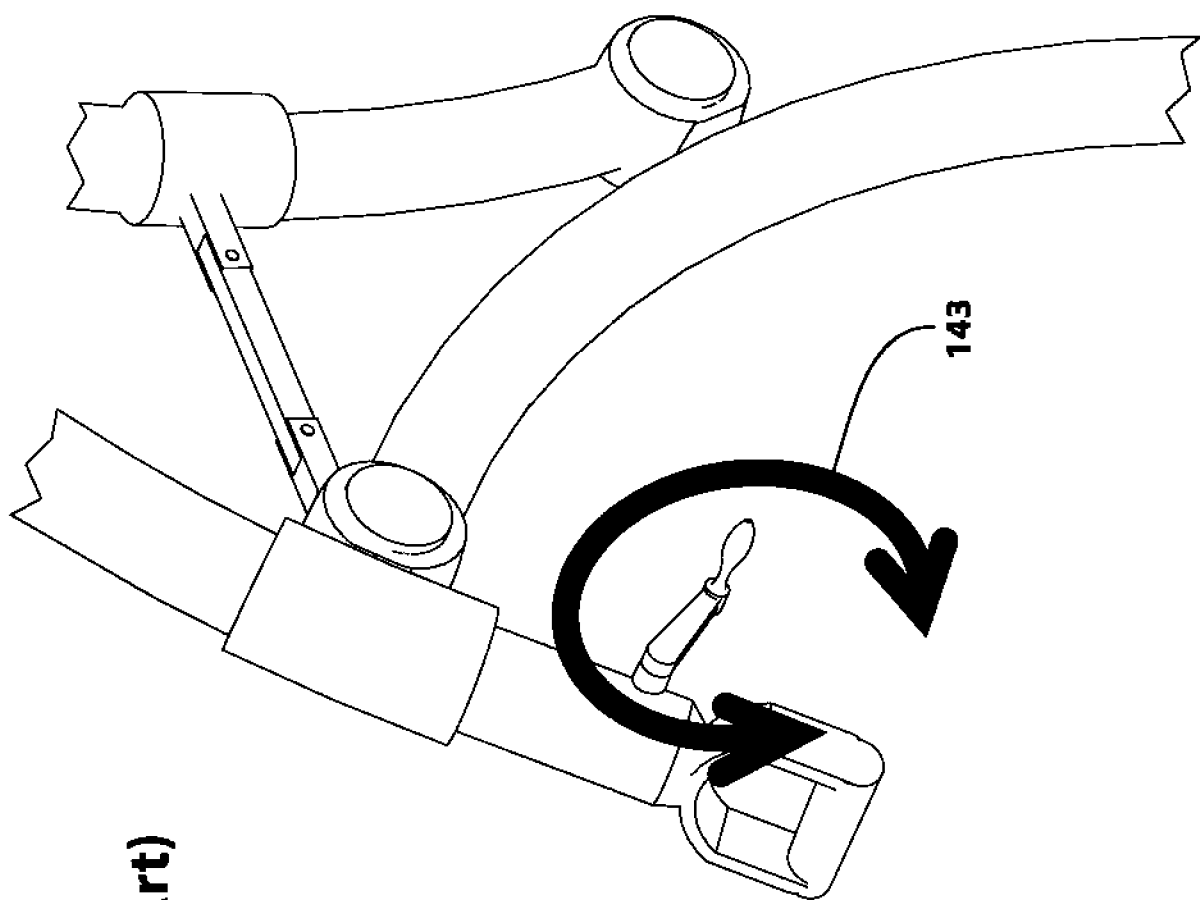
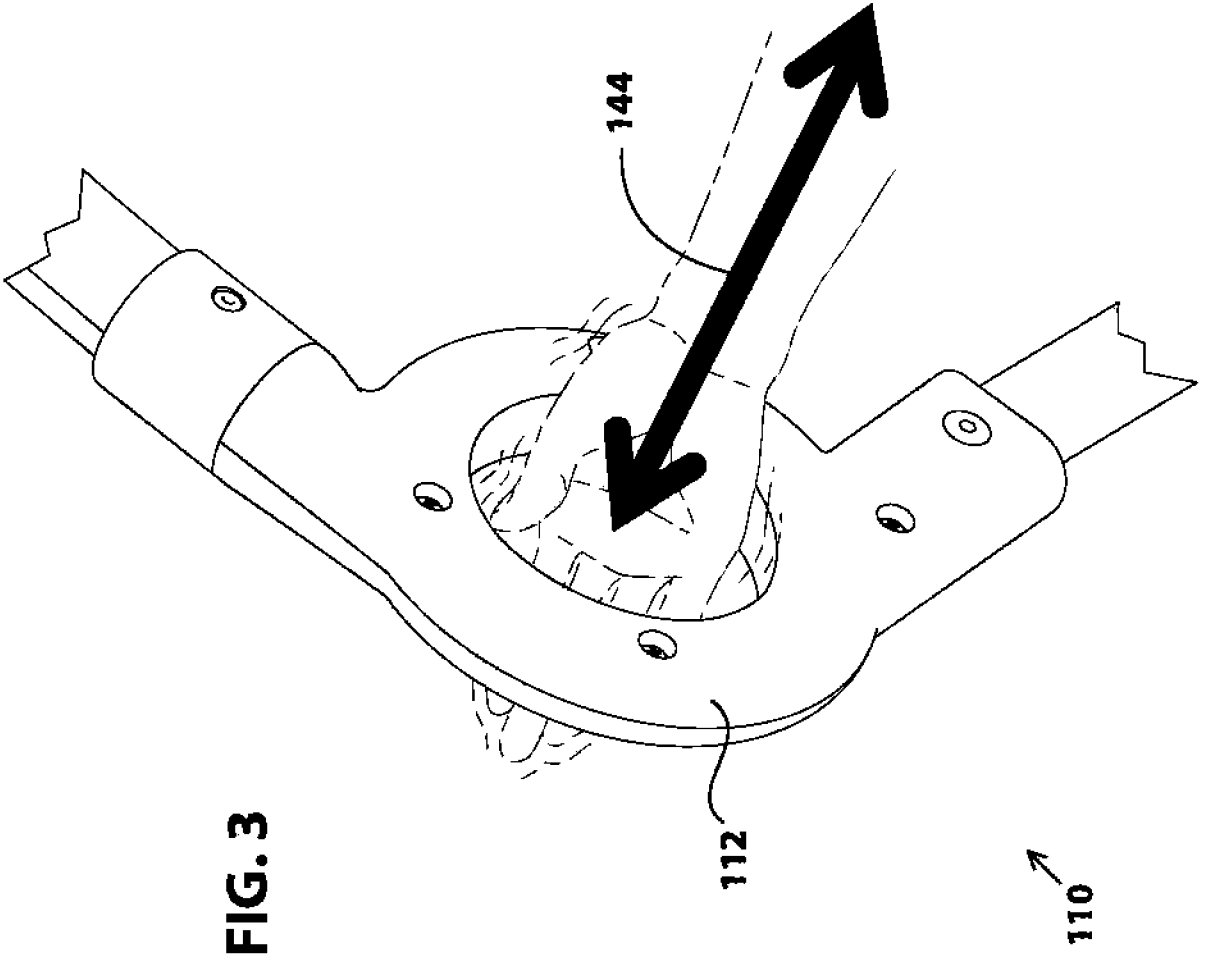


FIG. 1 (Prior Art)



2/190

FIG. 2 (Prior Art)



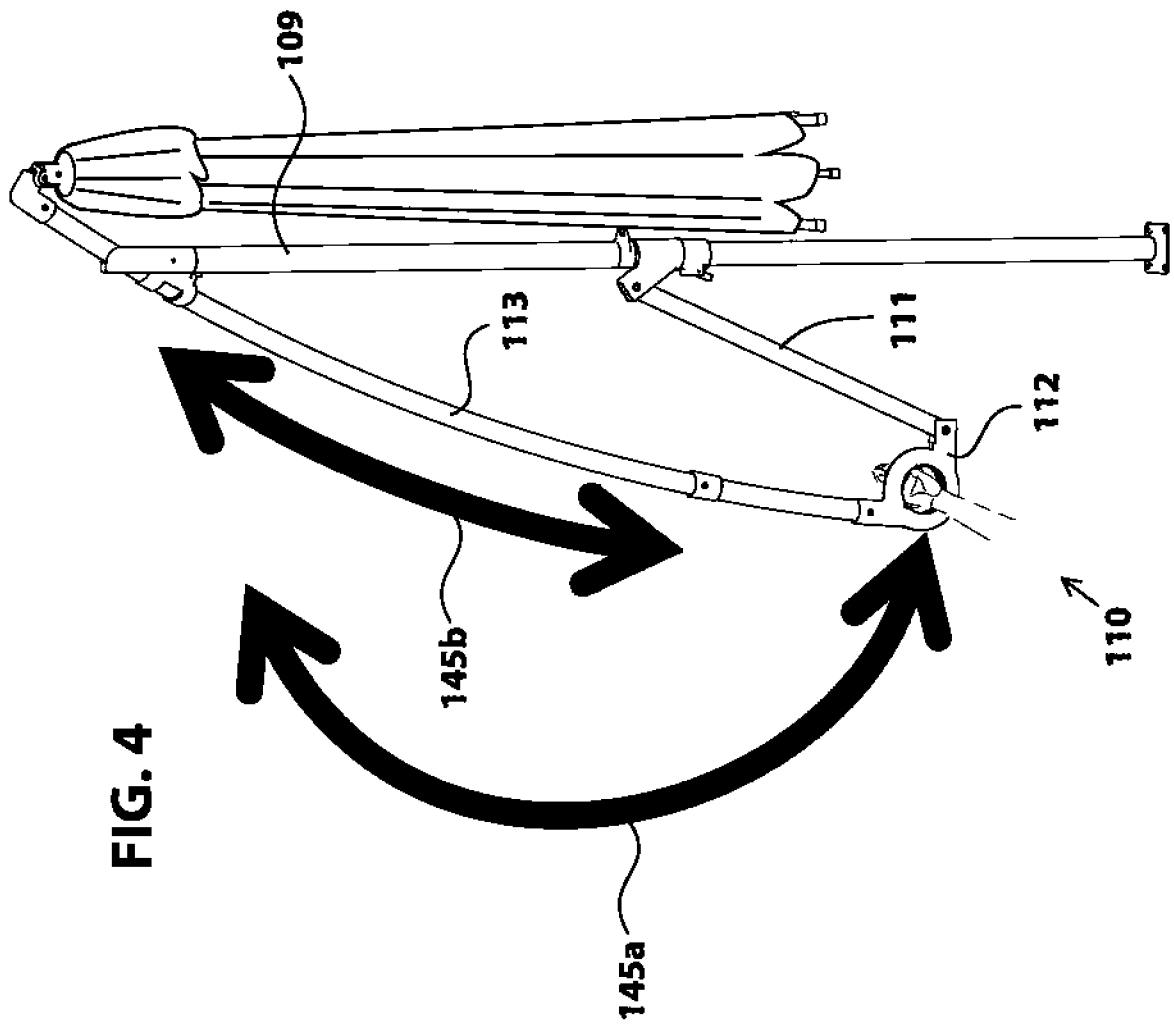
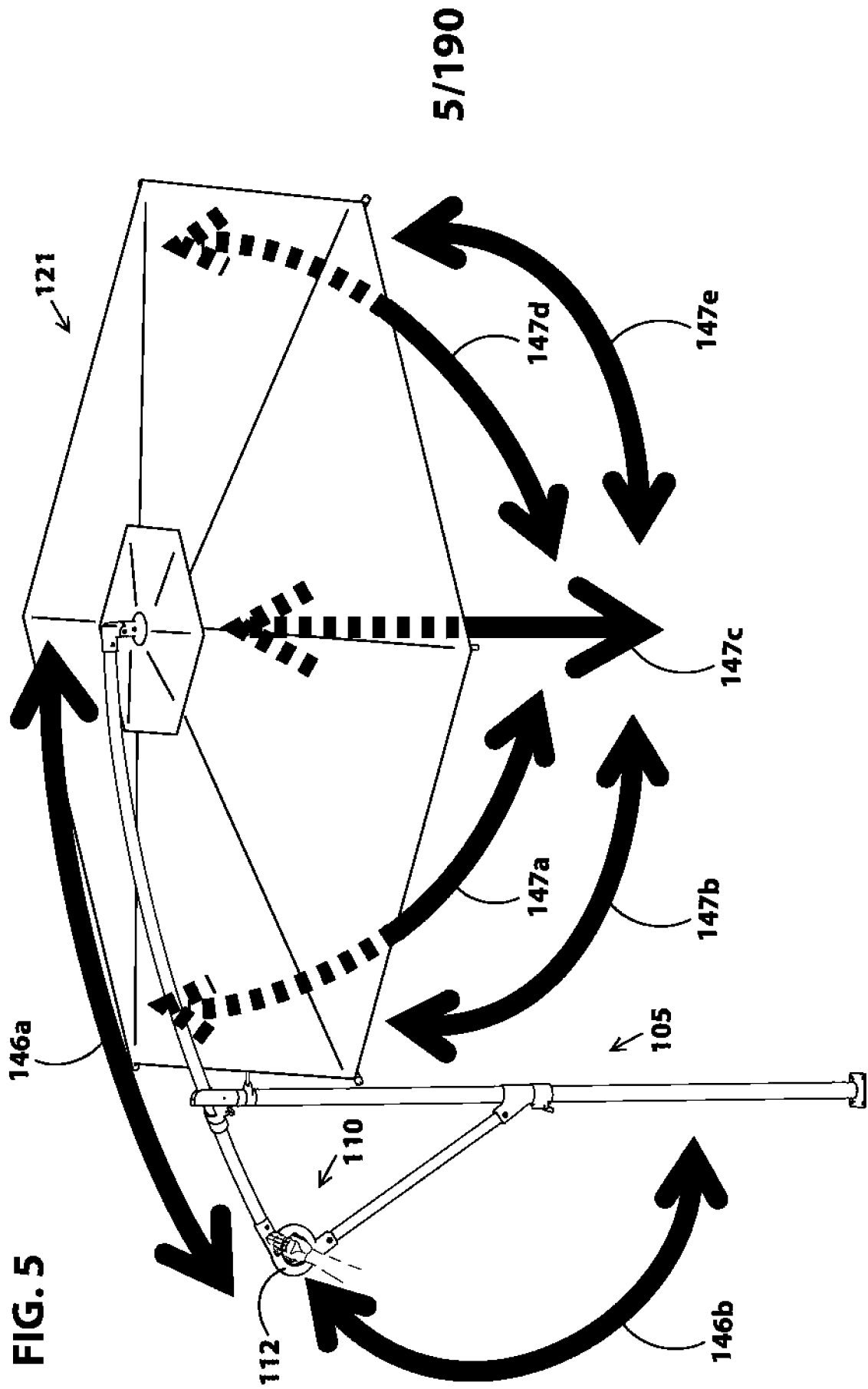
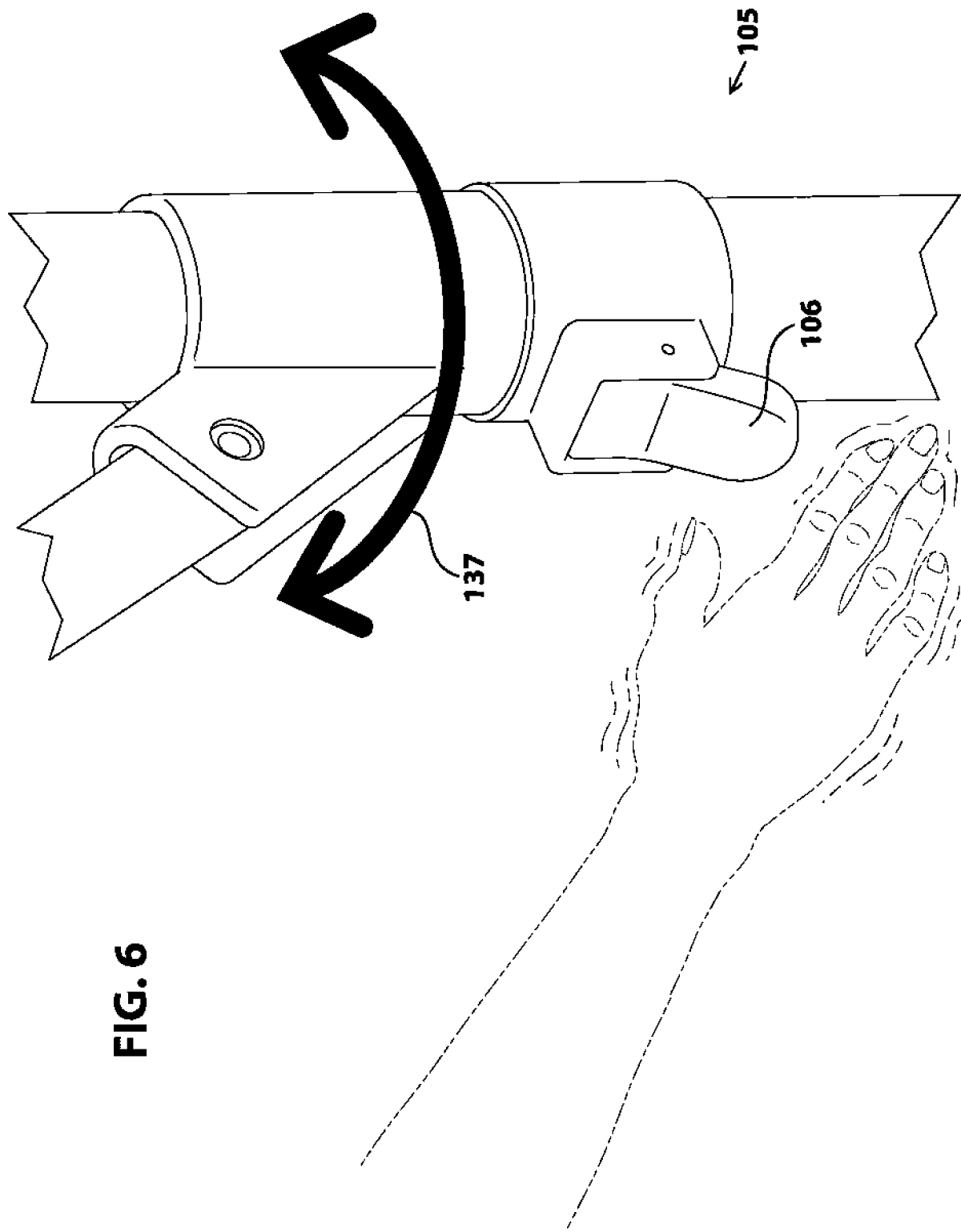


FIG. 4





6/190

FIG. 6

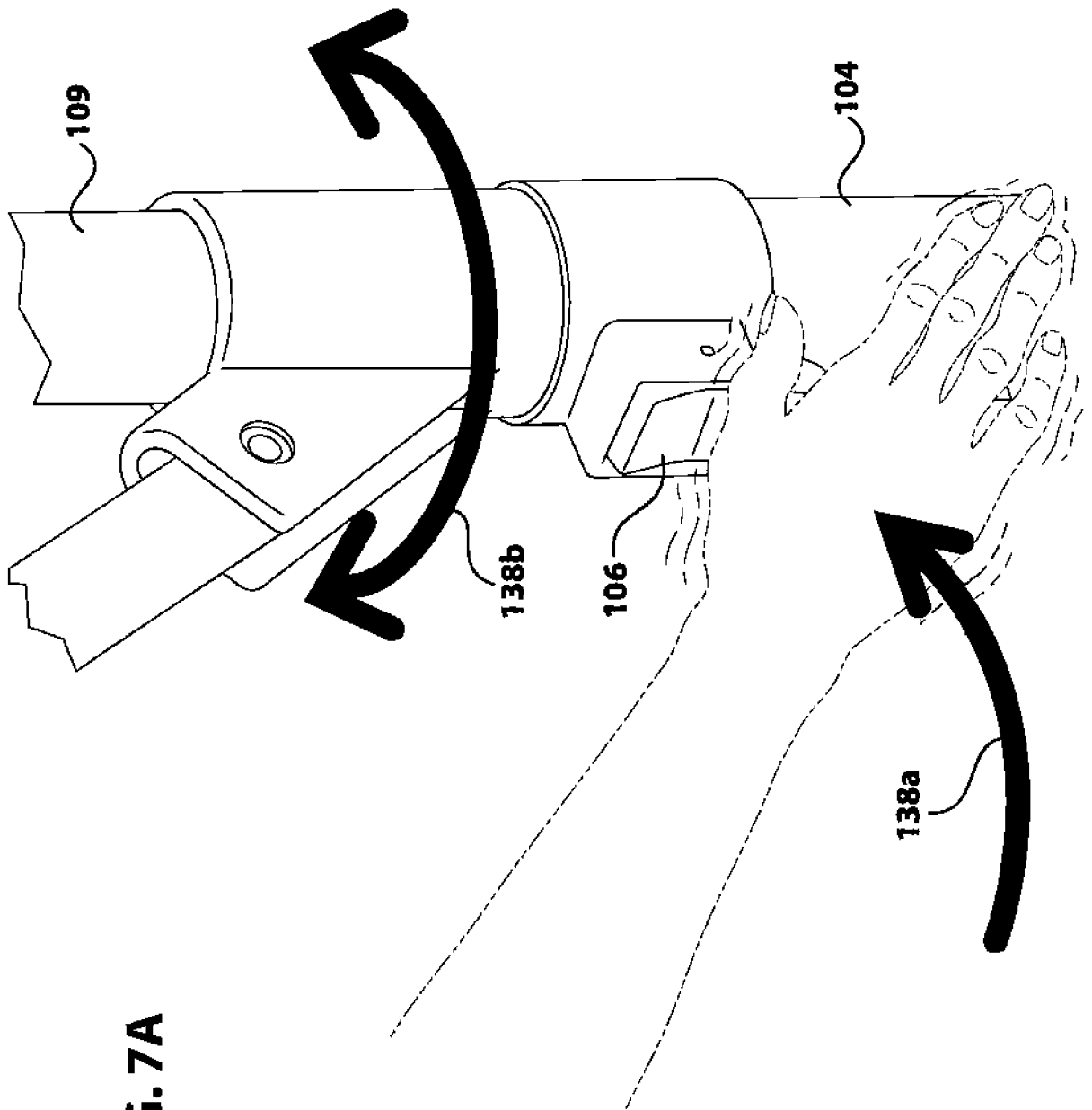


FIG. 7A

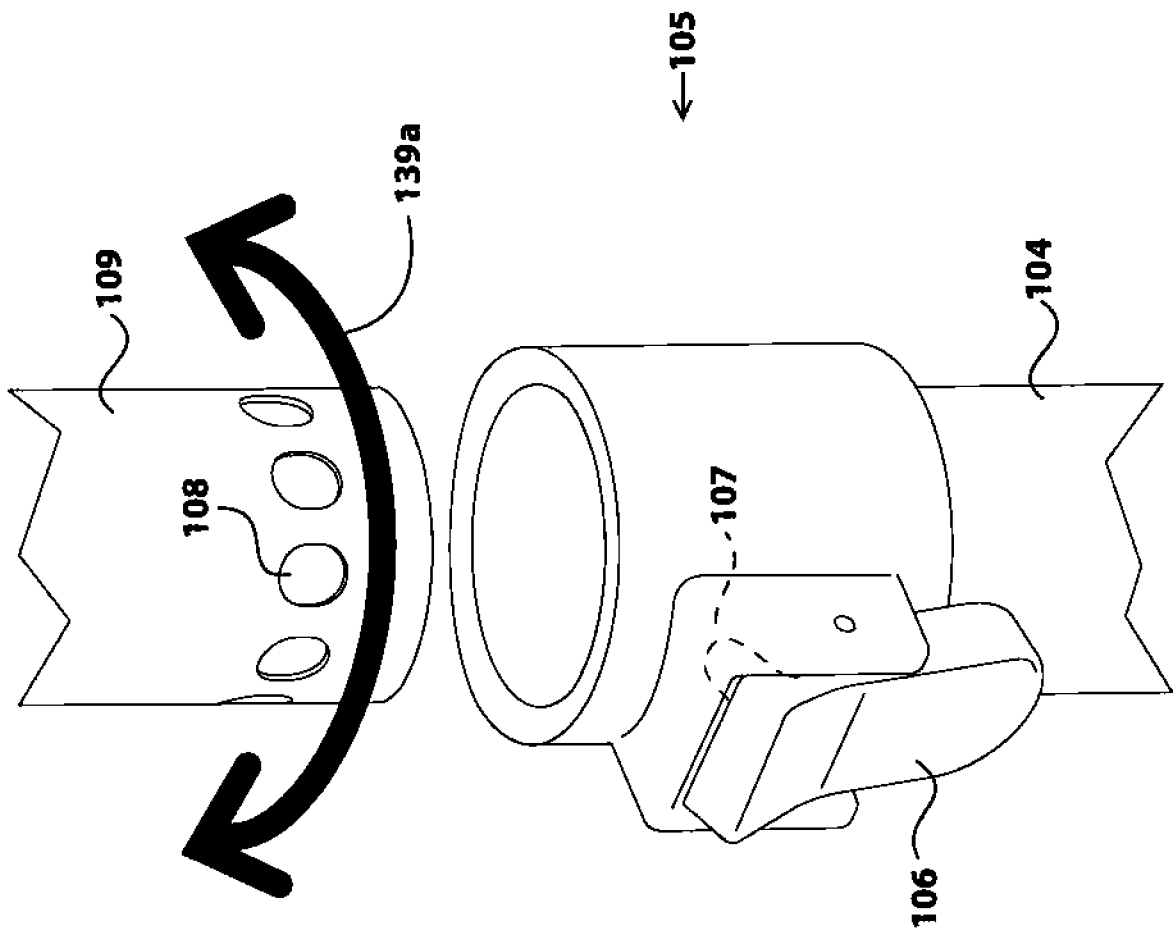


FIG. 7B

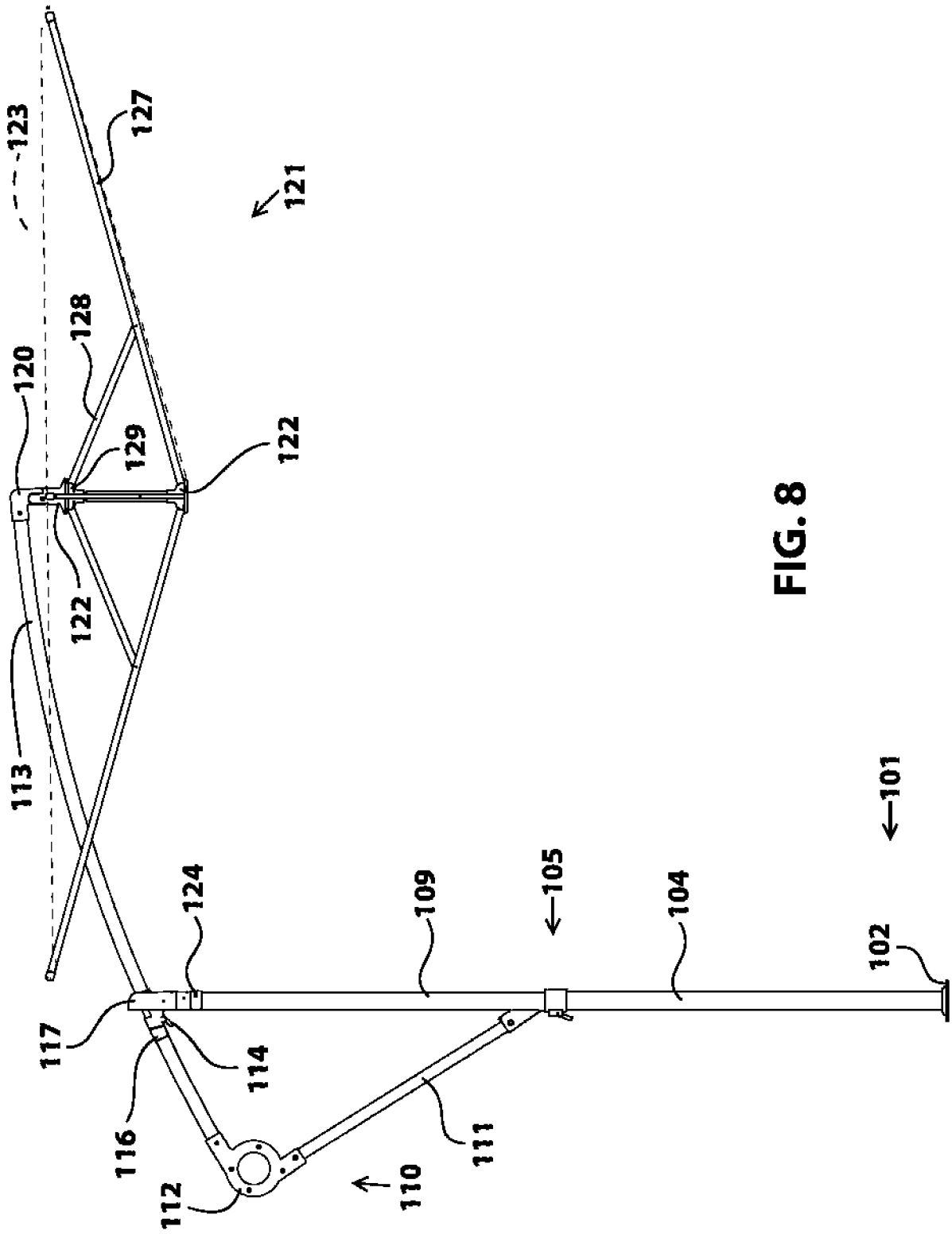


FIG. 8

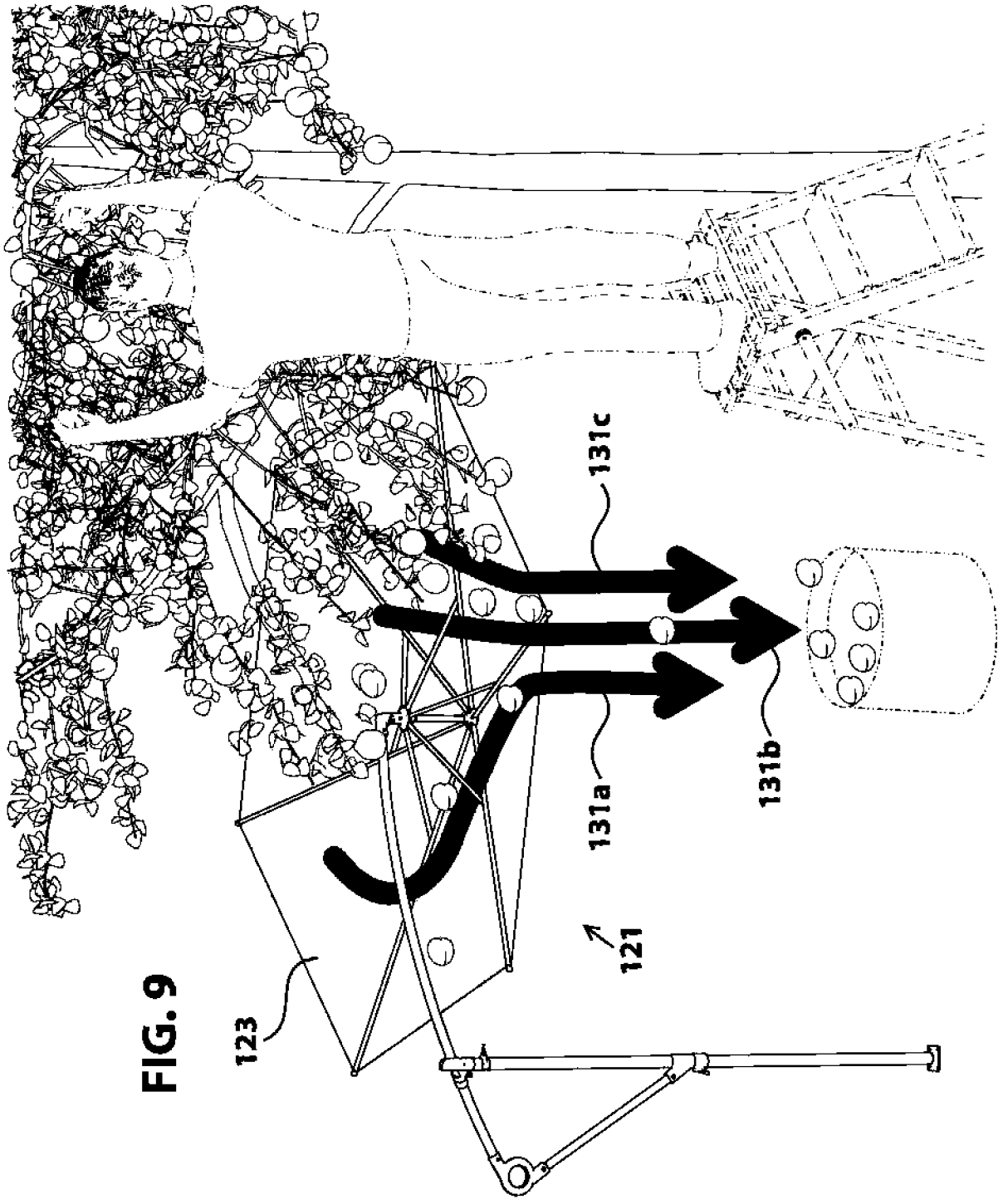


FIG. 9

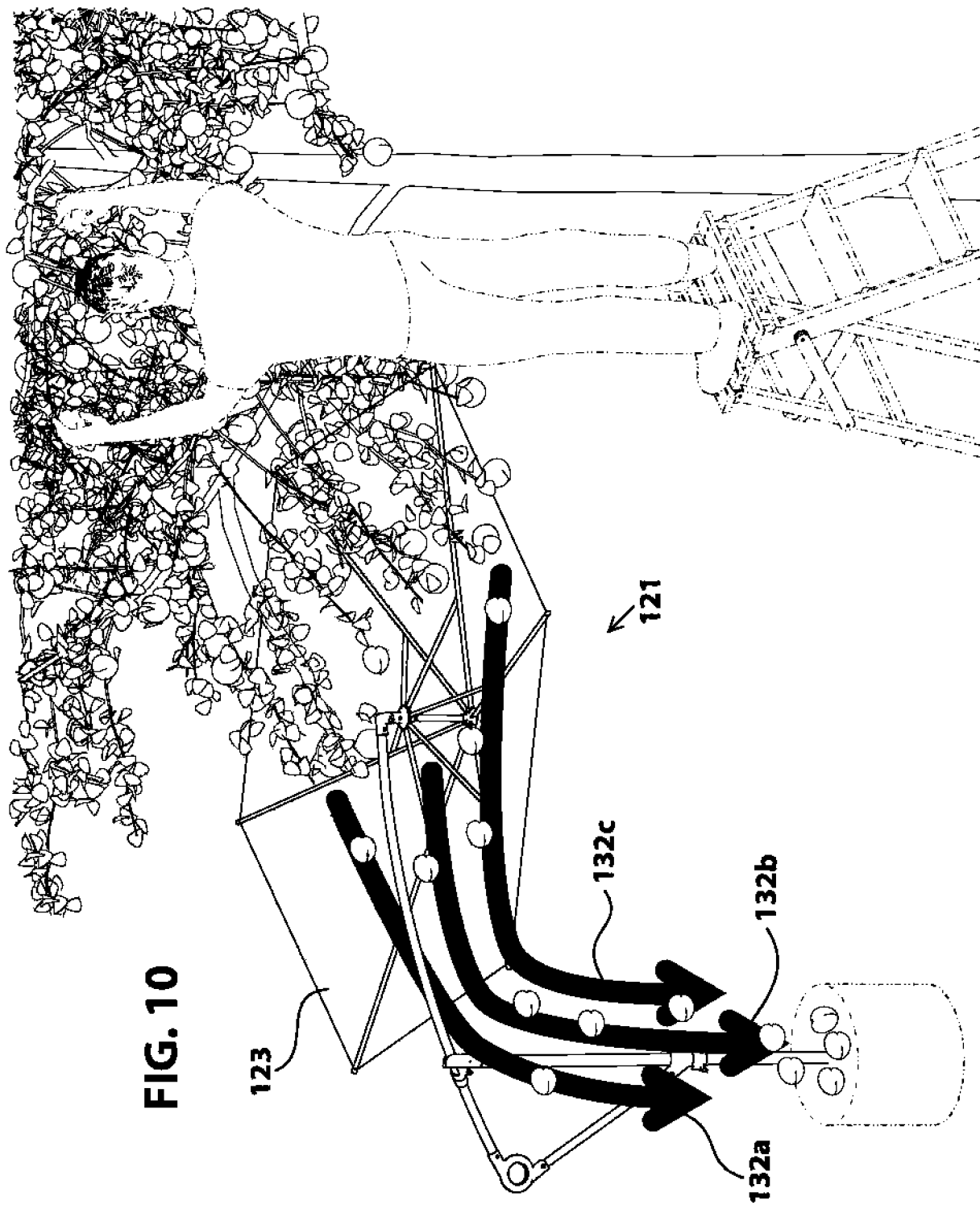


FIG. 10

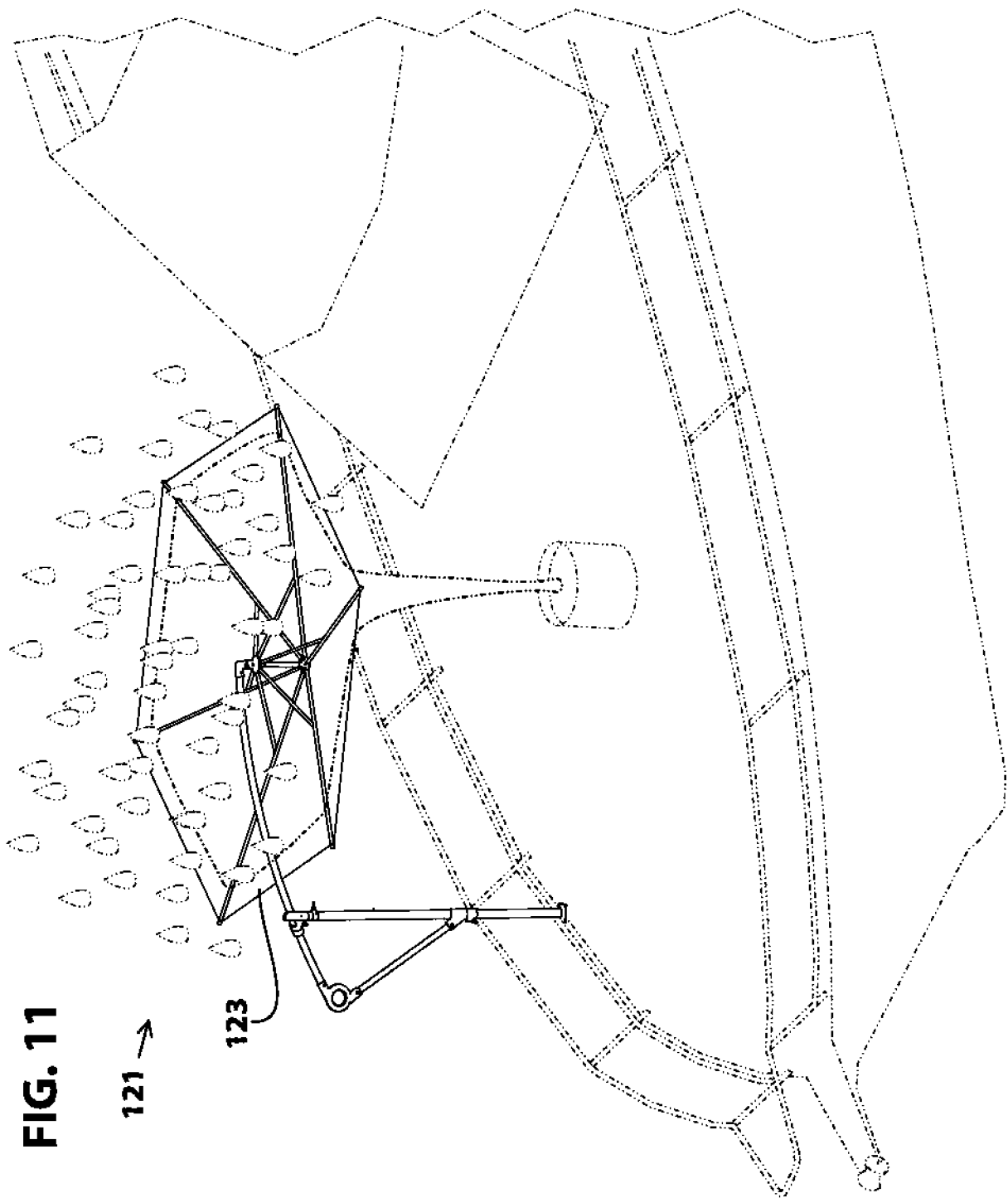


FIG. 11

121 →

123

FIG. 12

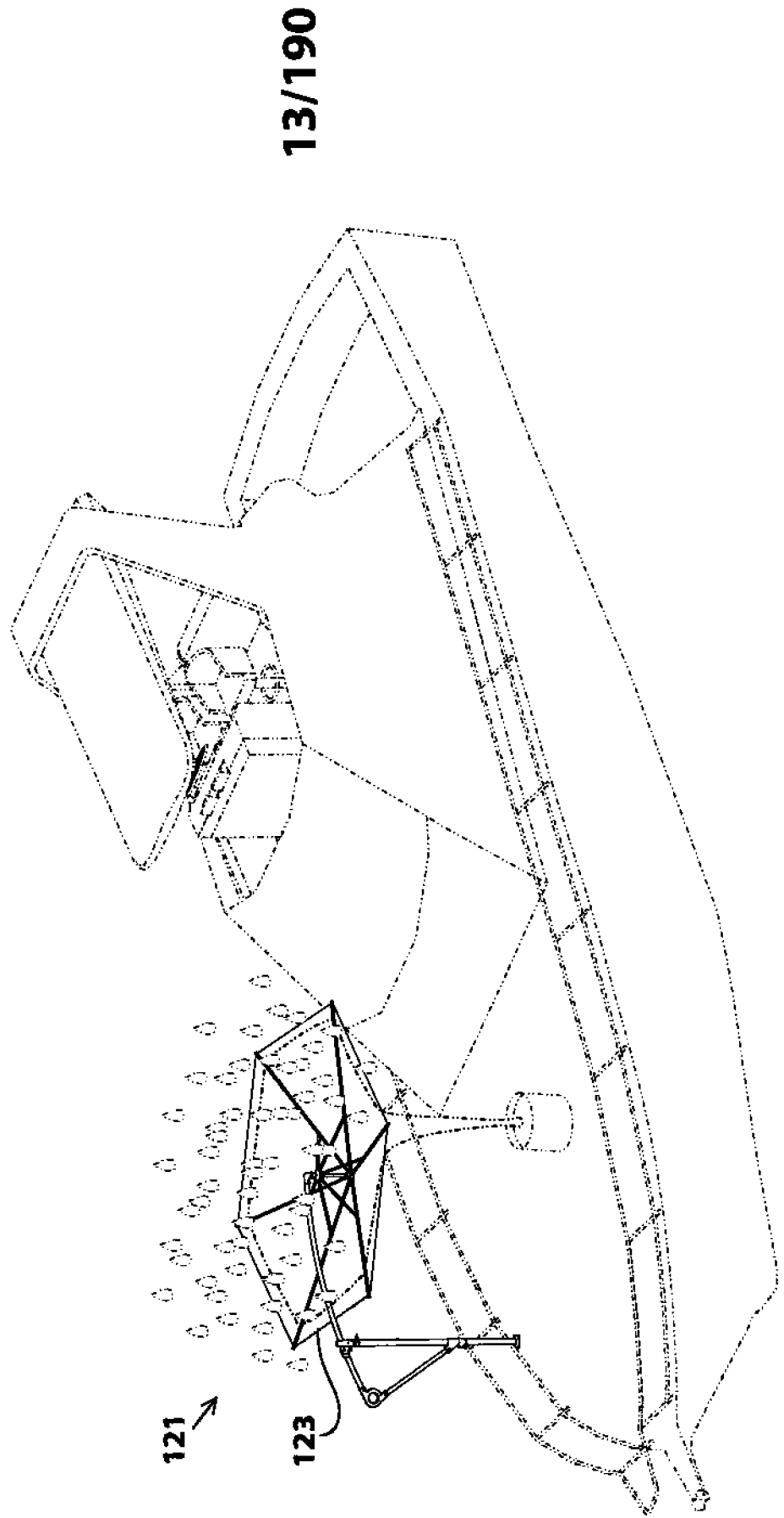
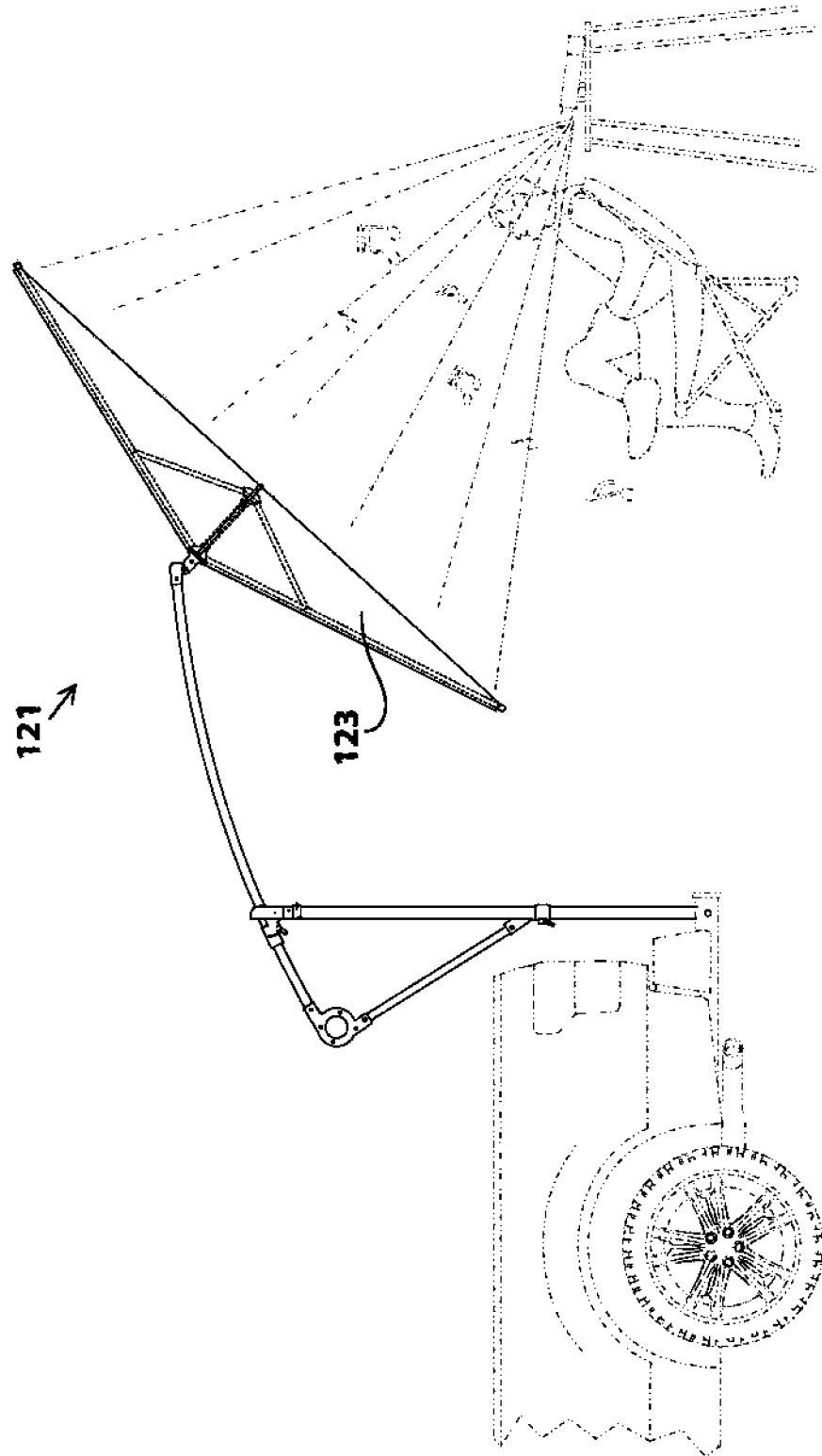


FIG. 13



14/190

FIG. 14

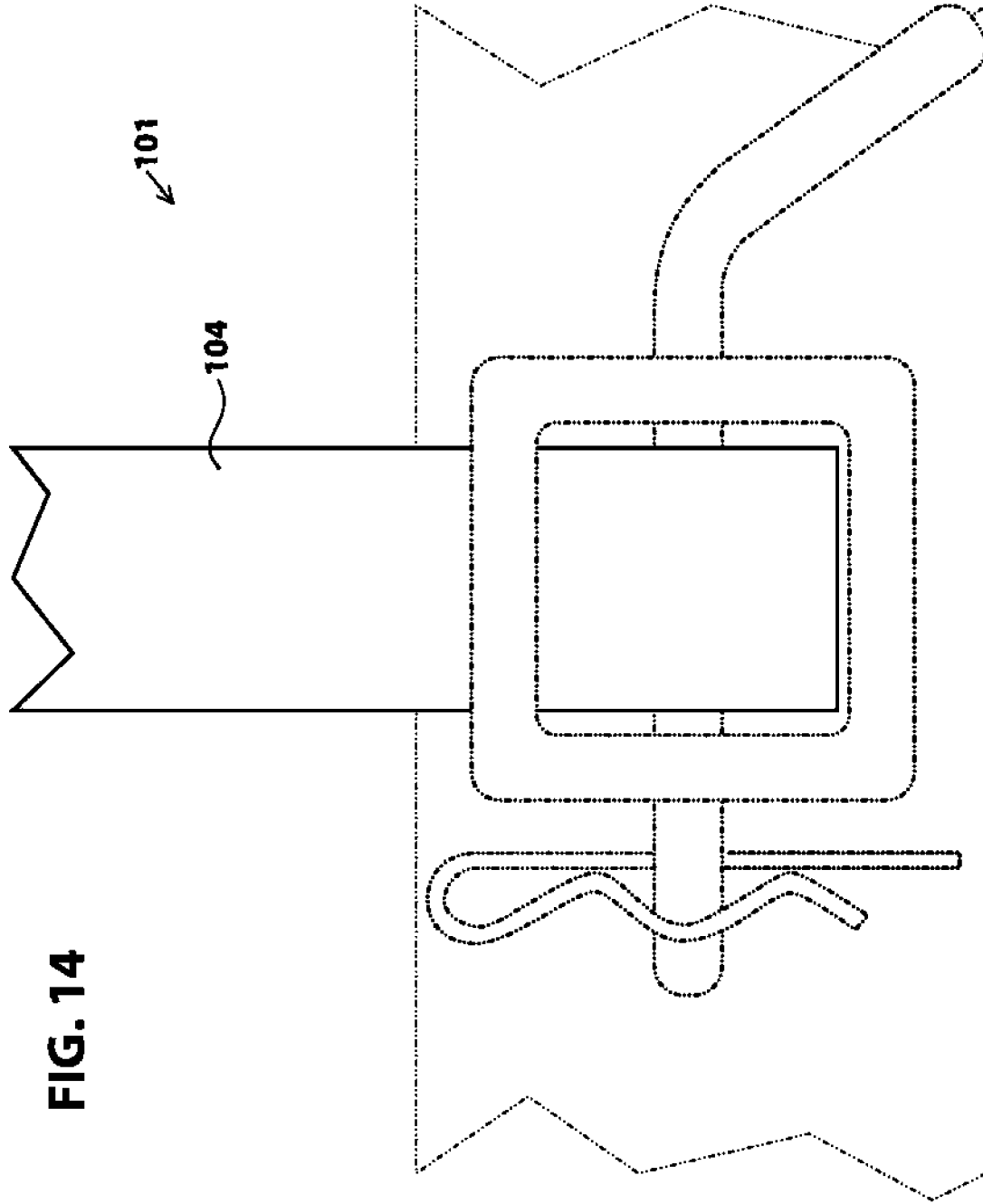


FIG. 15

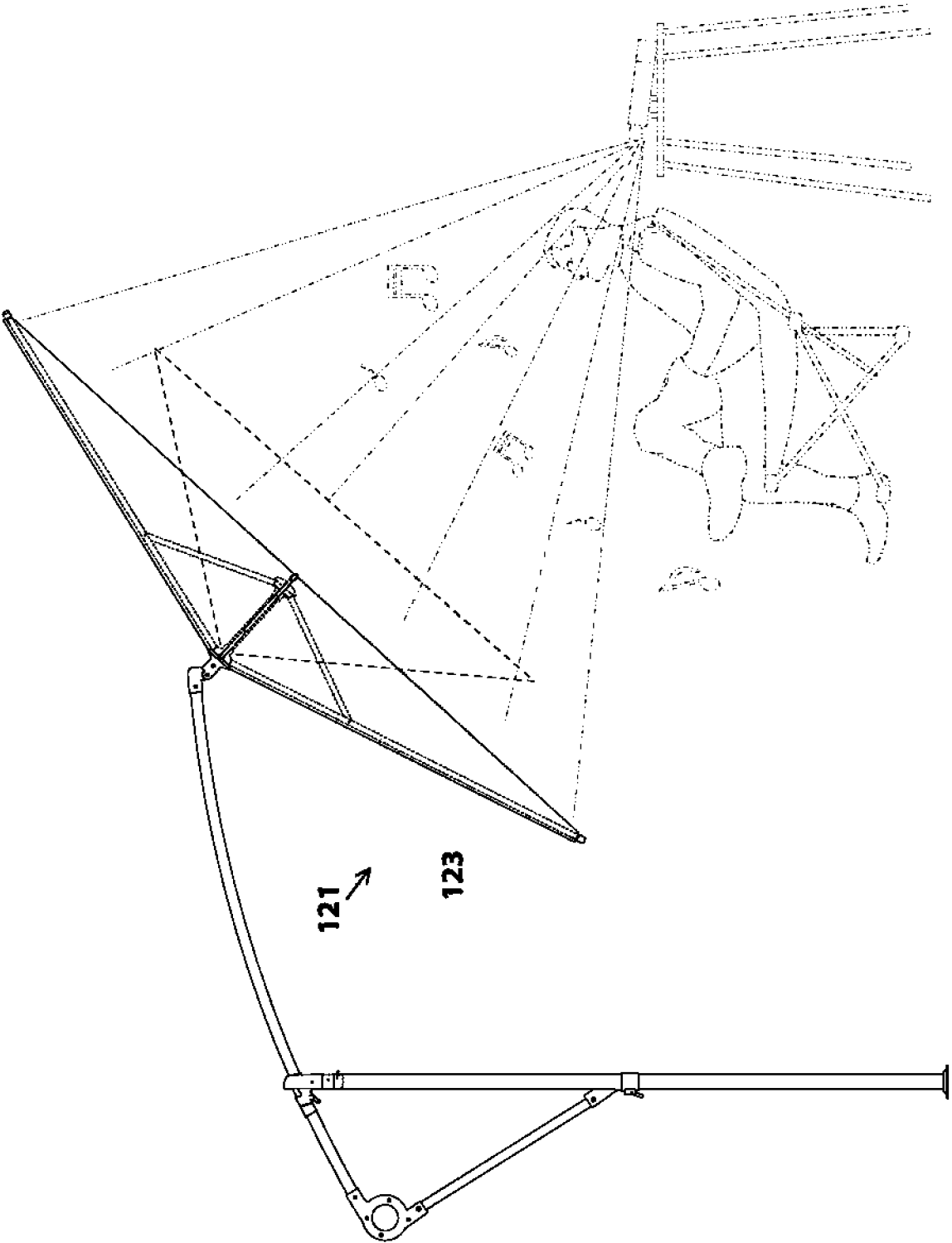


FIG. 16

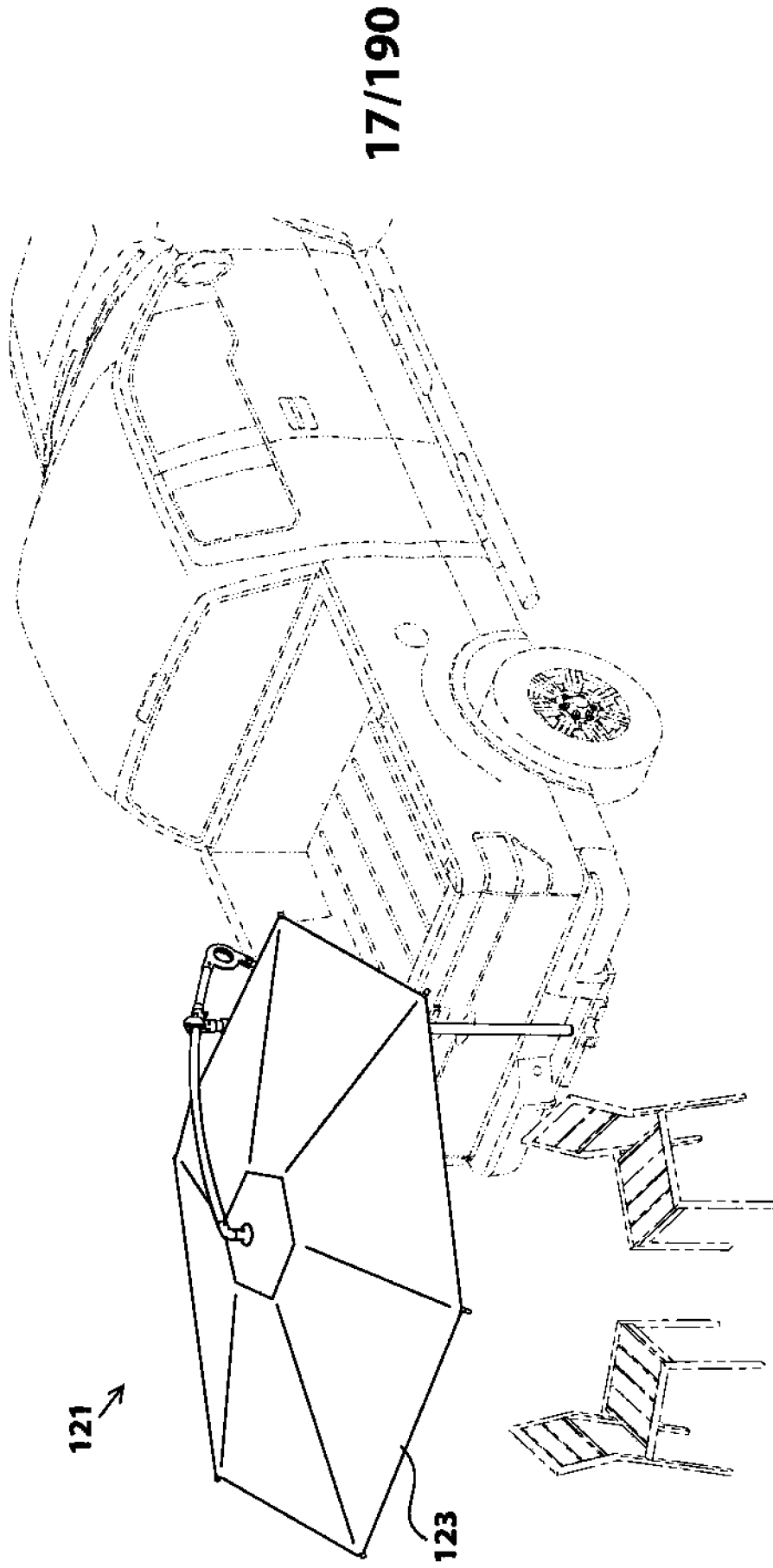
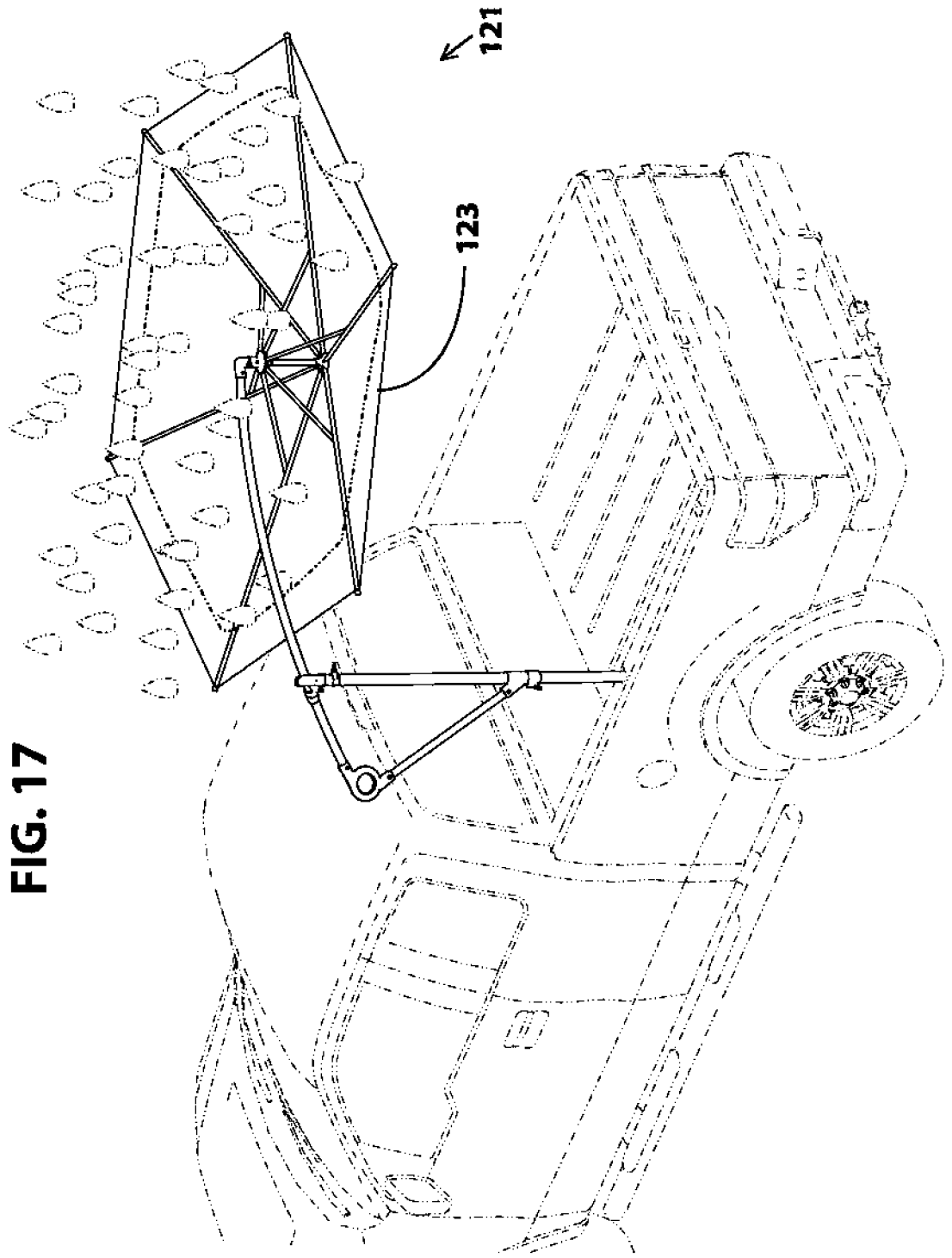
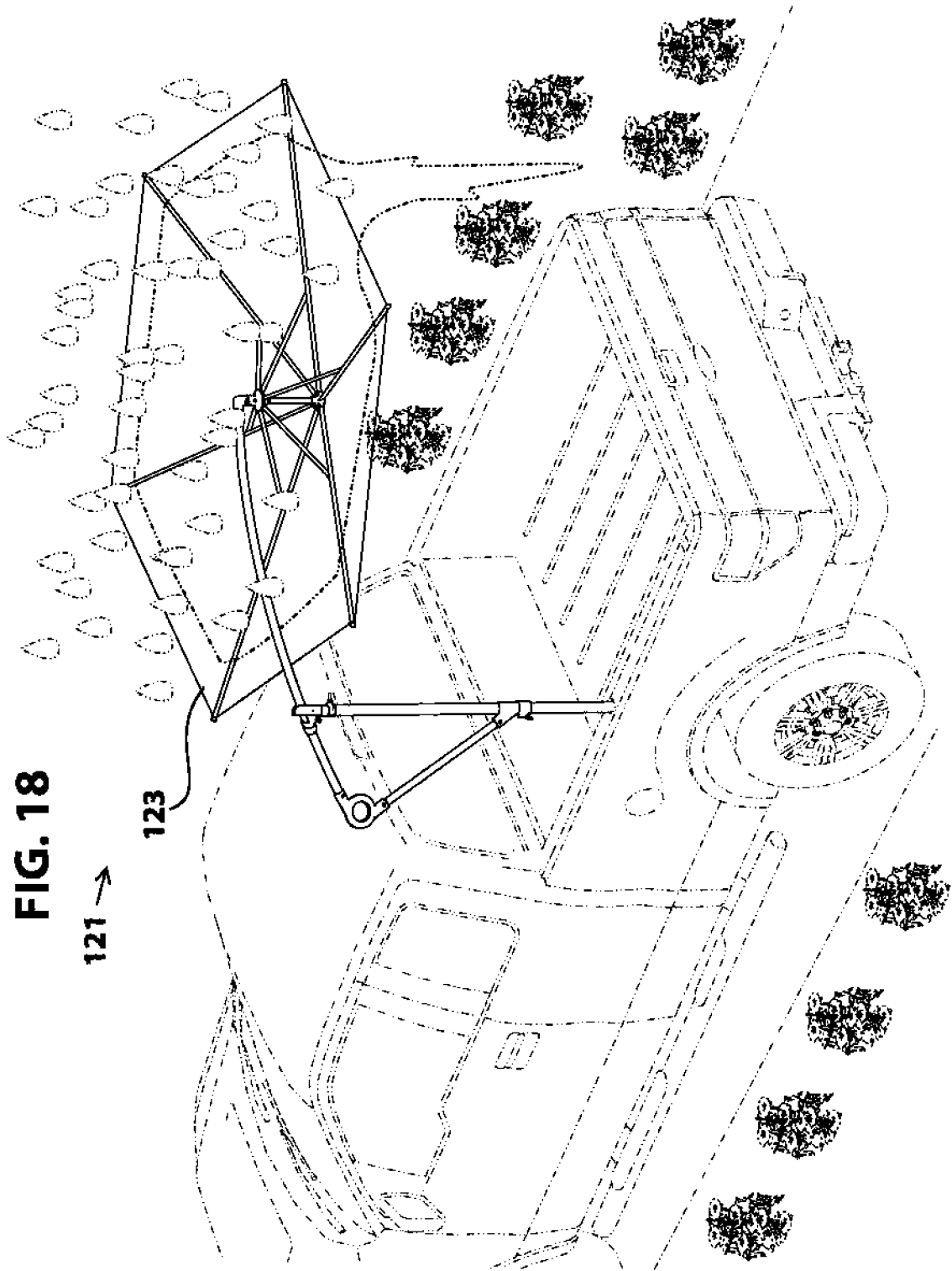


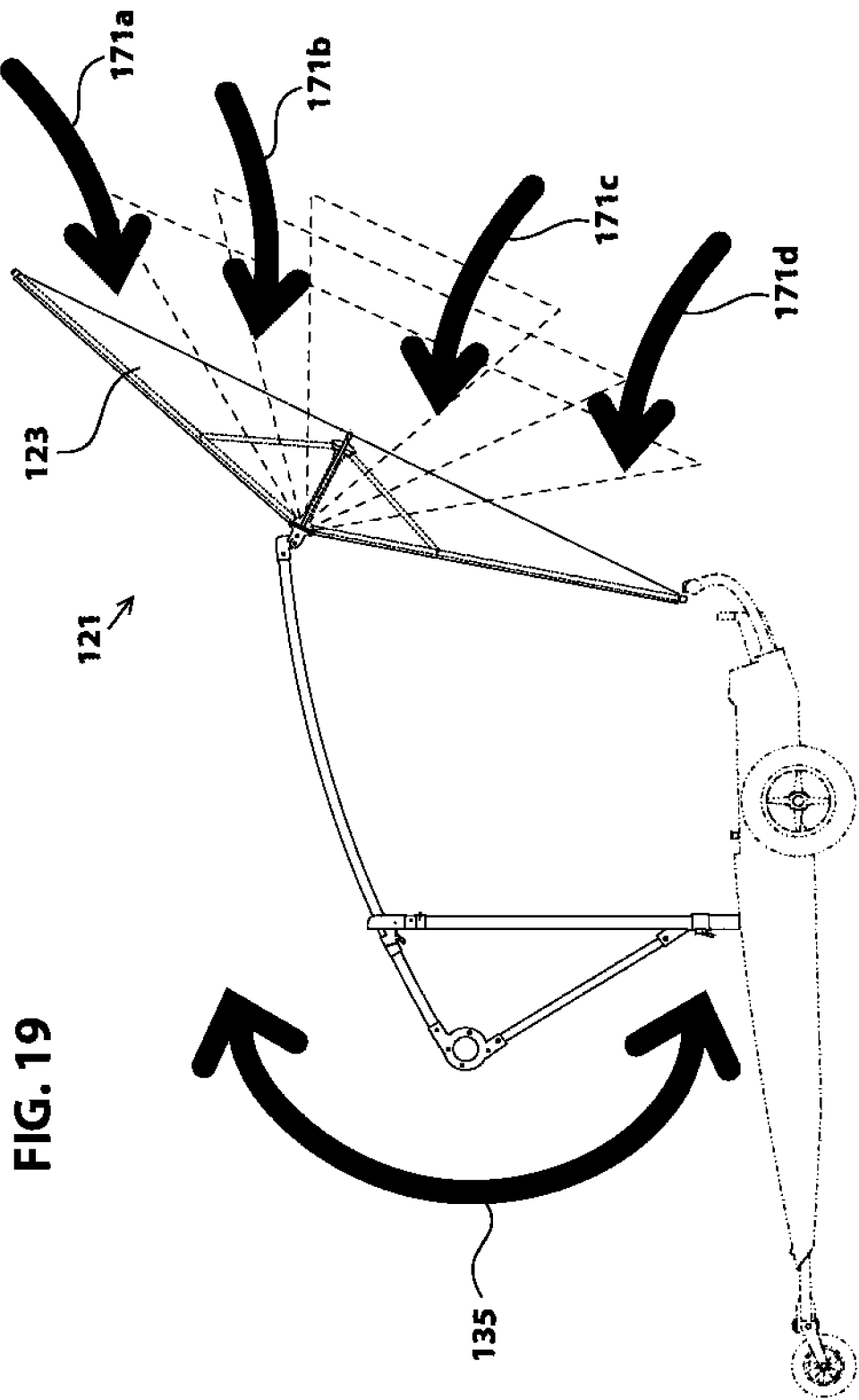
FIG. 17



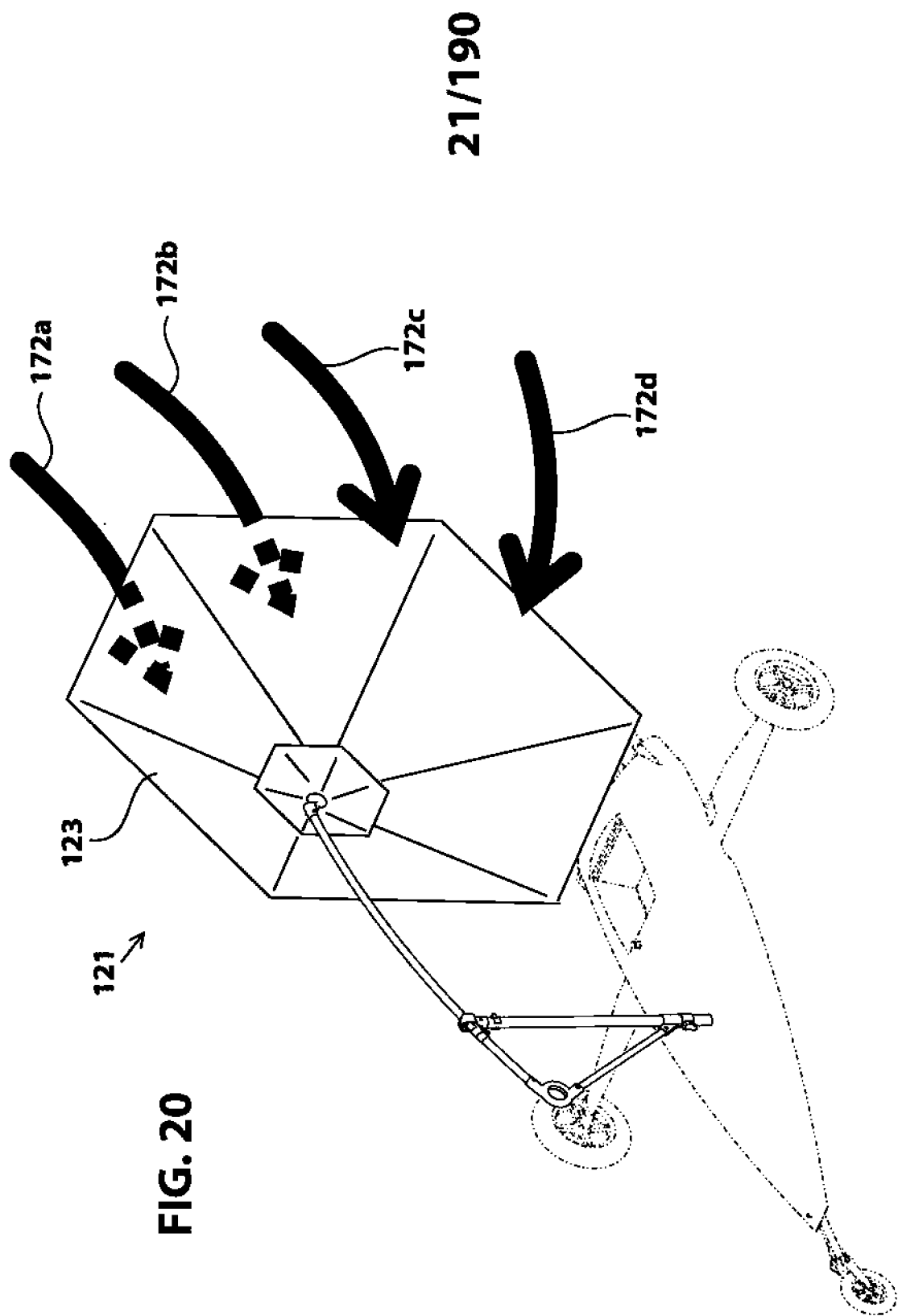
18/190

FIG. 18





20/190



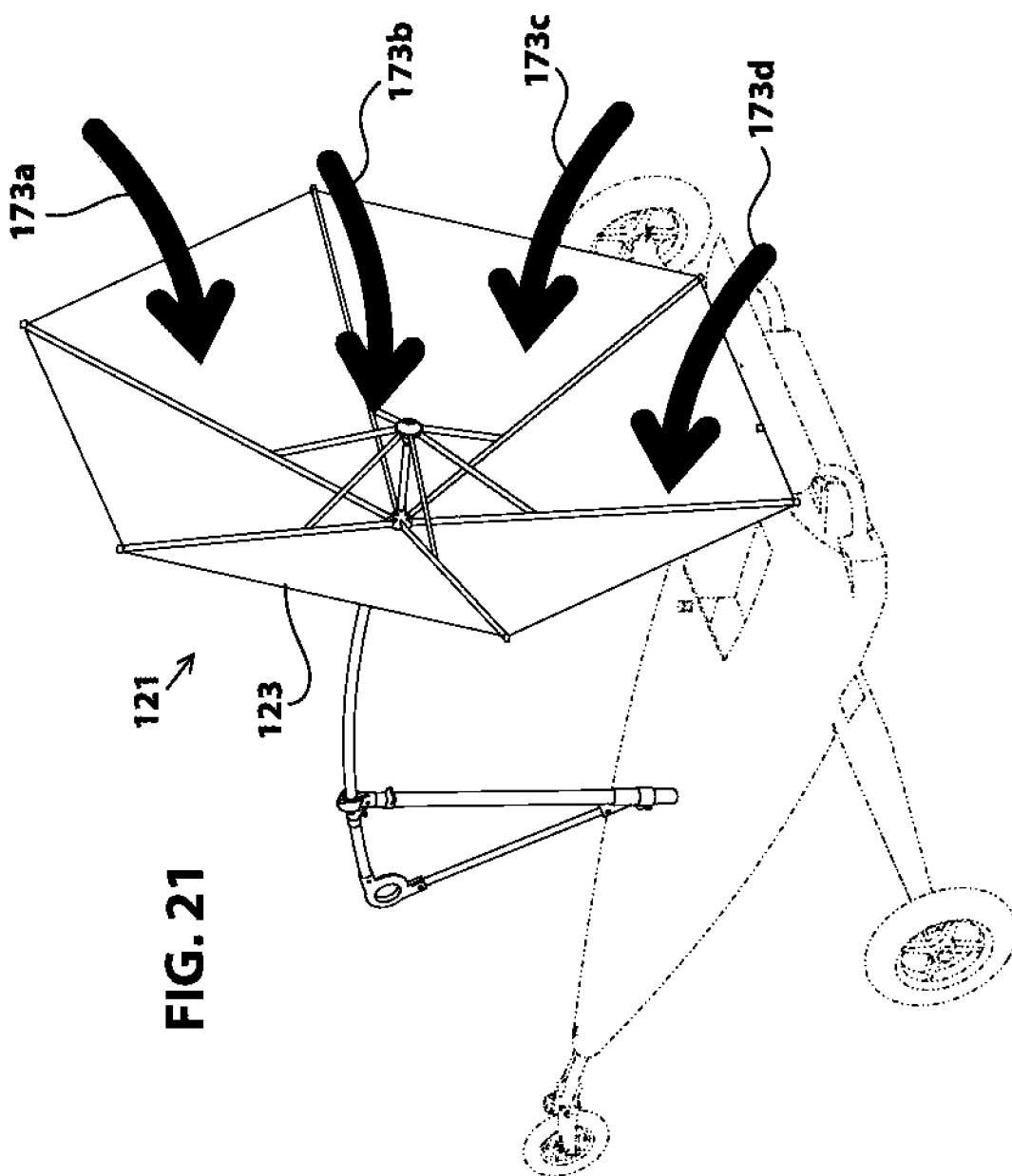


FIG. 22

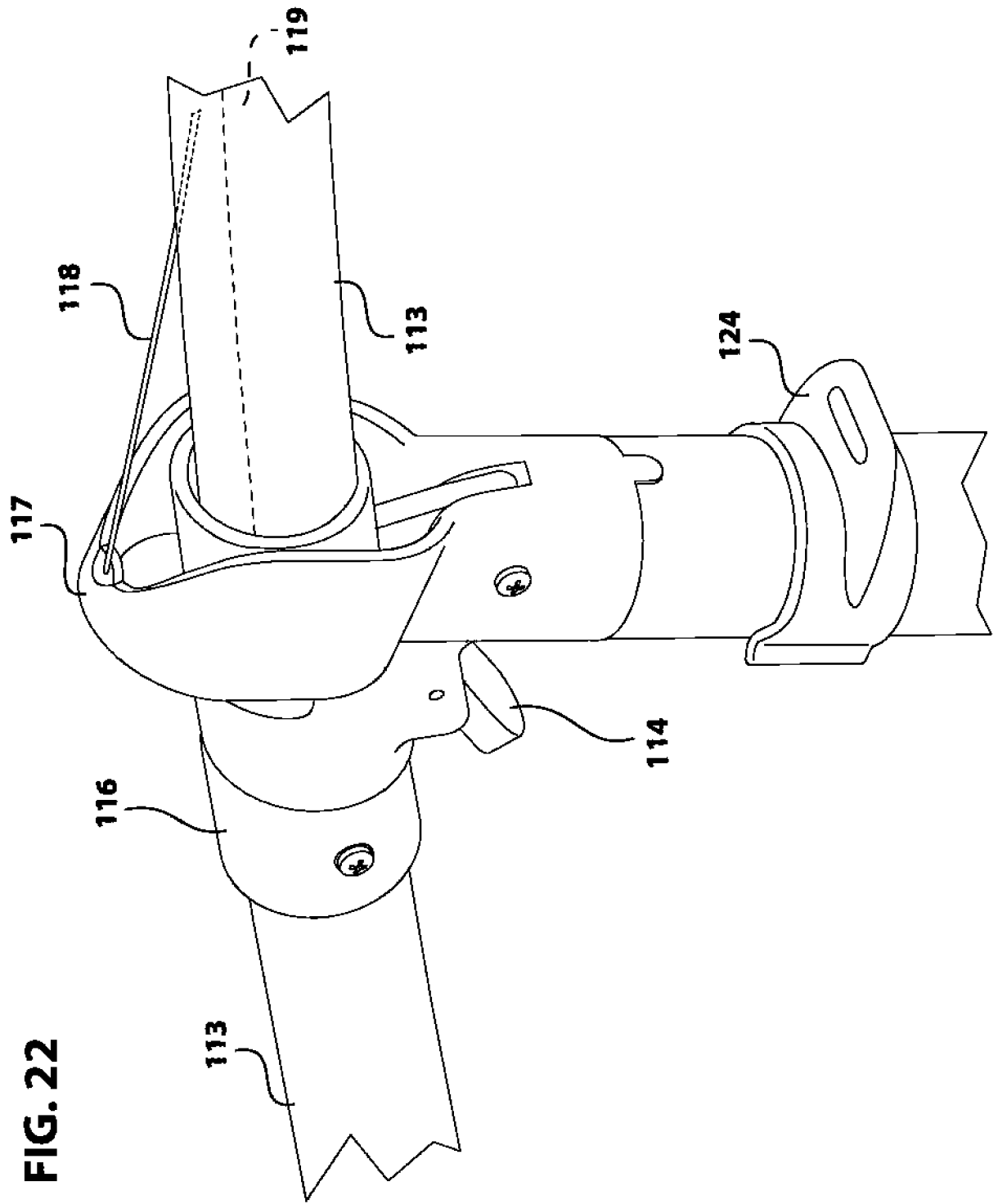
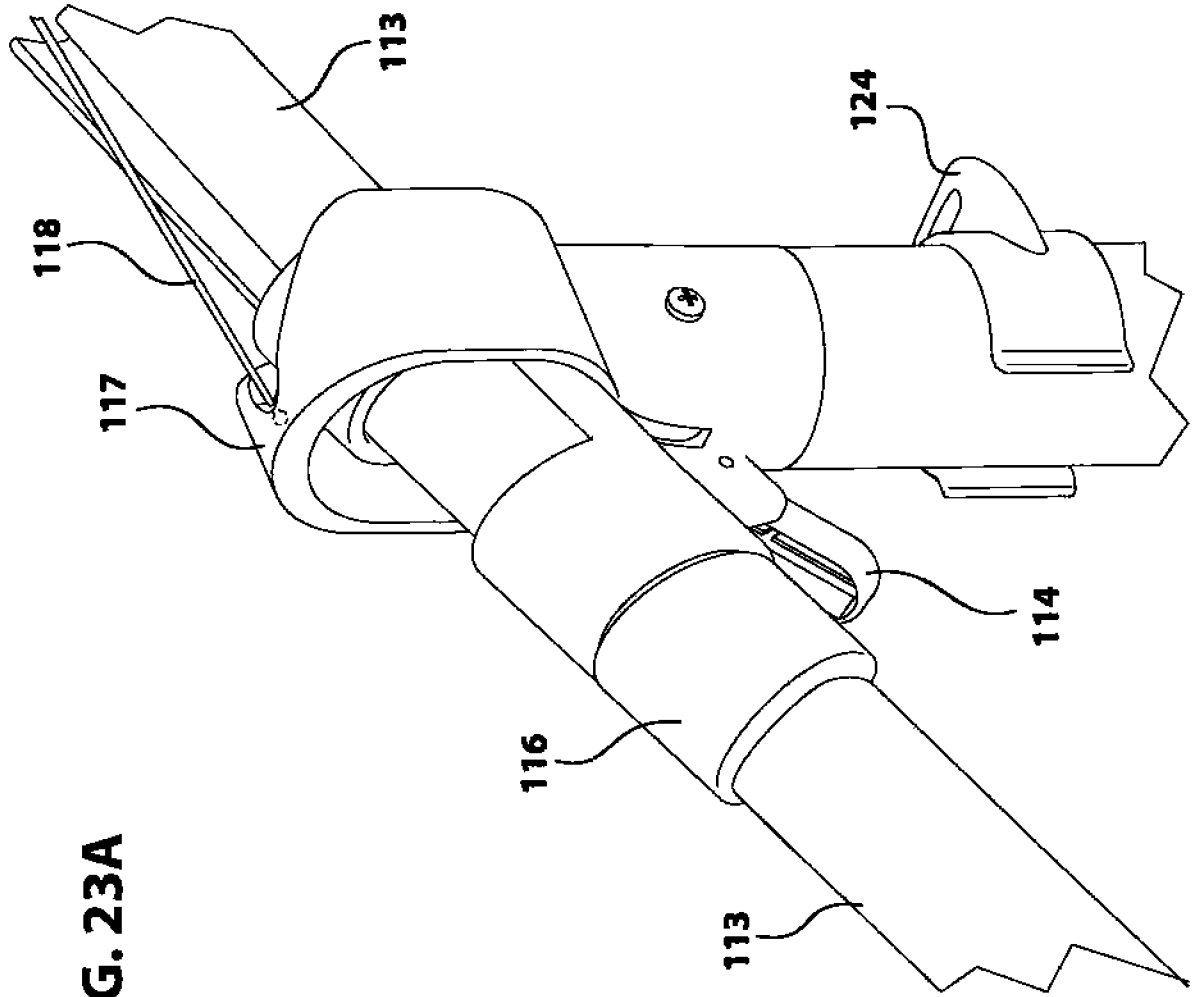
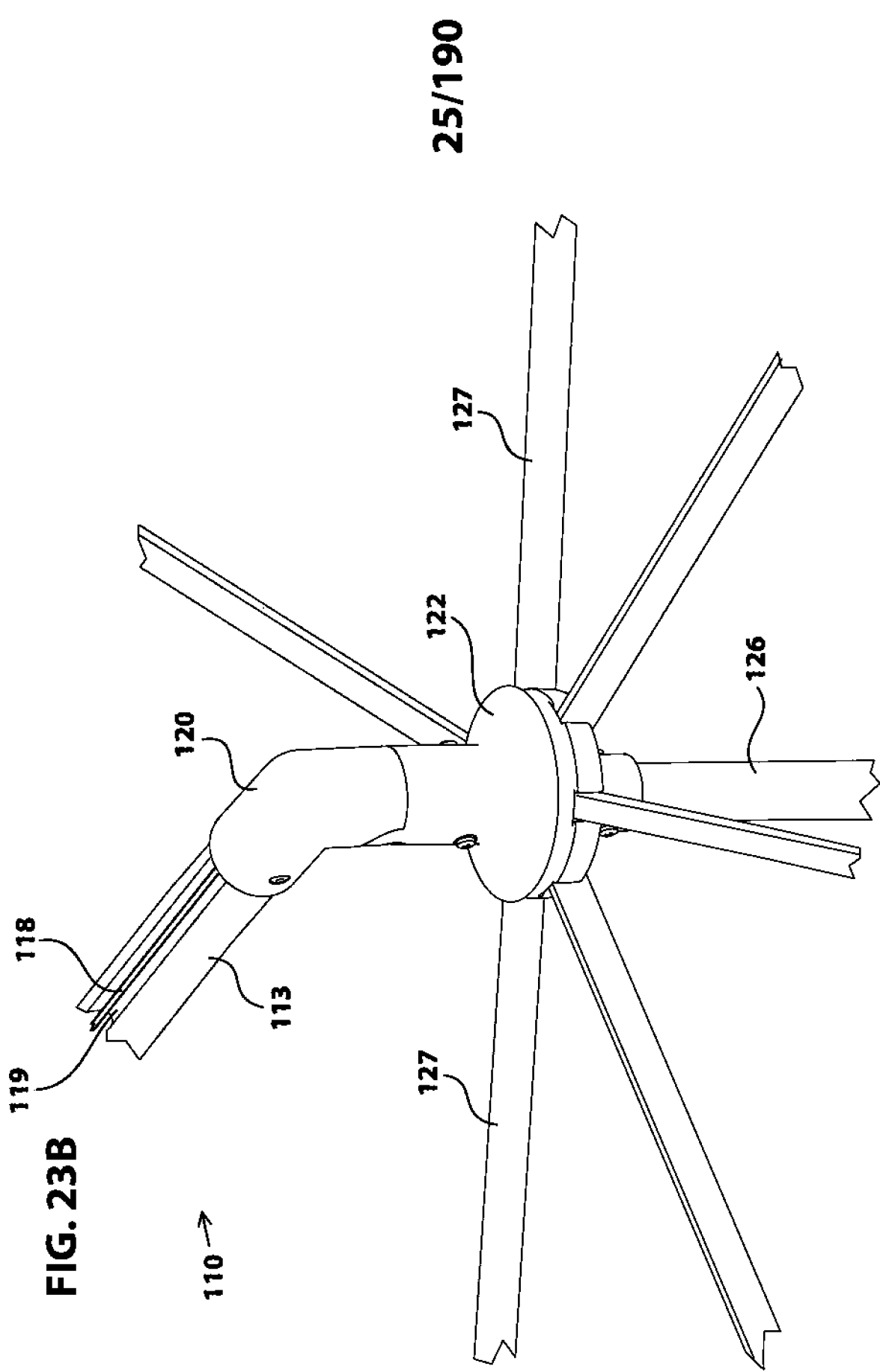
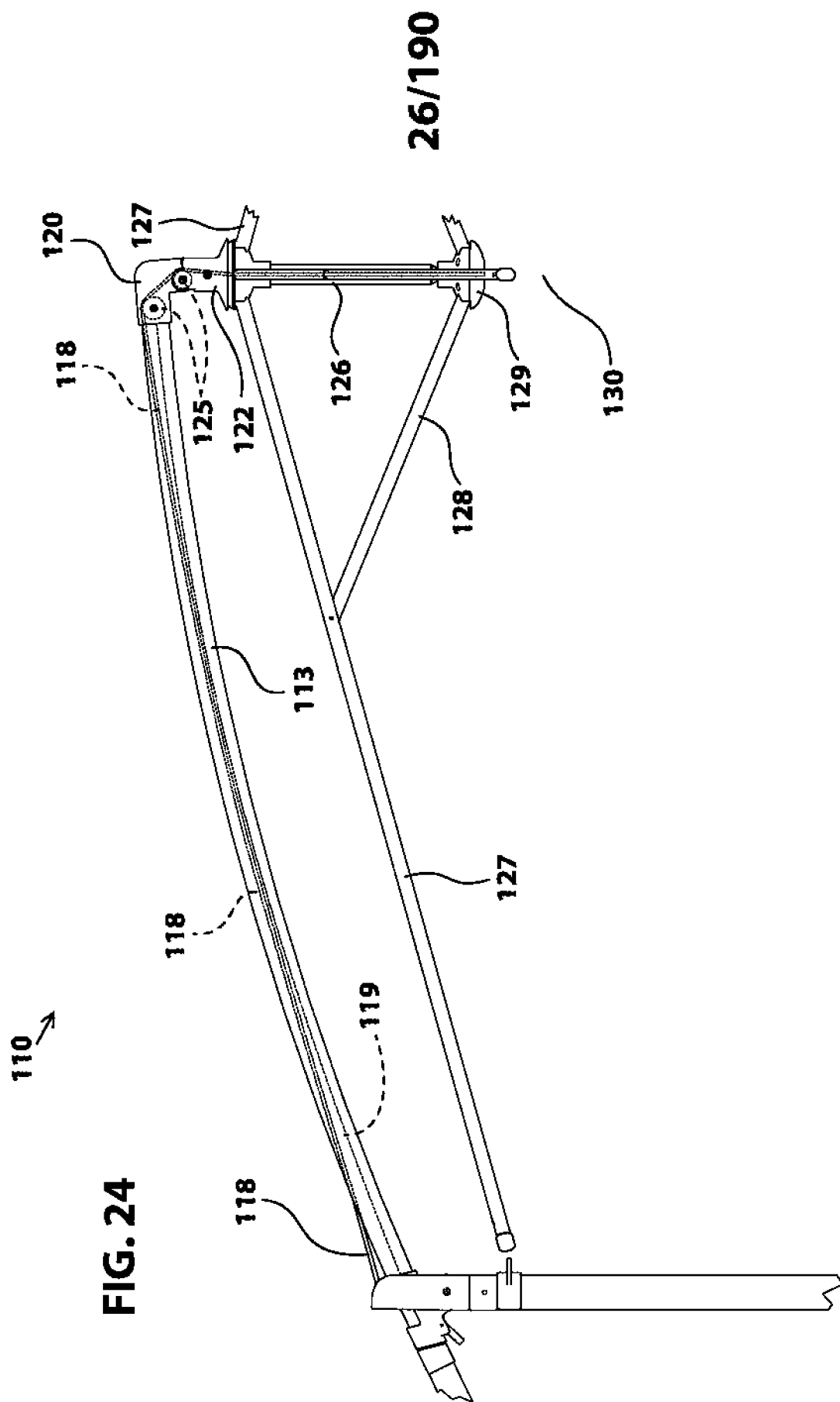


FIG. 23A







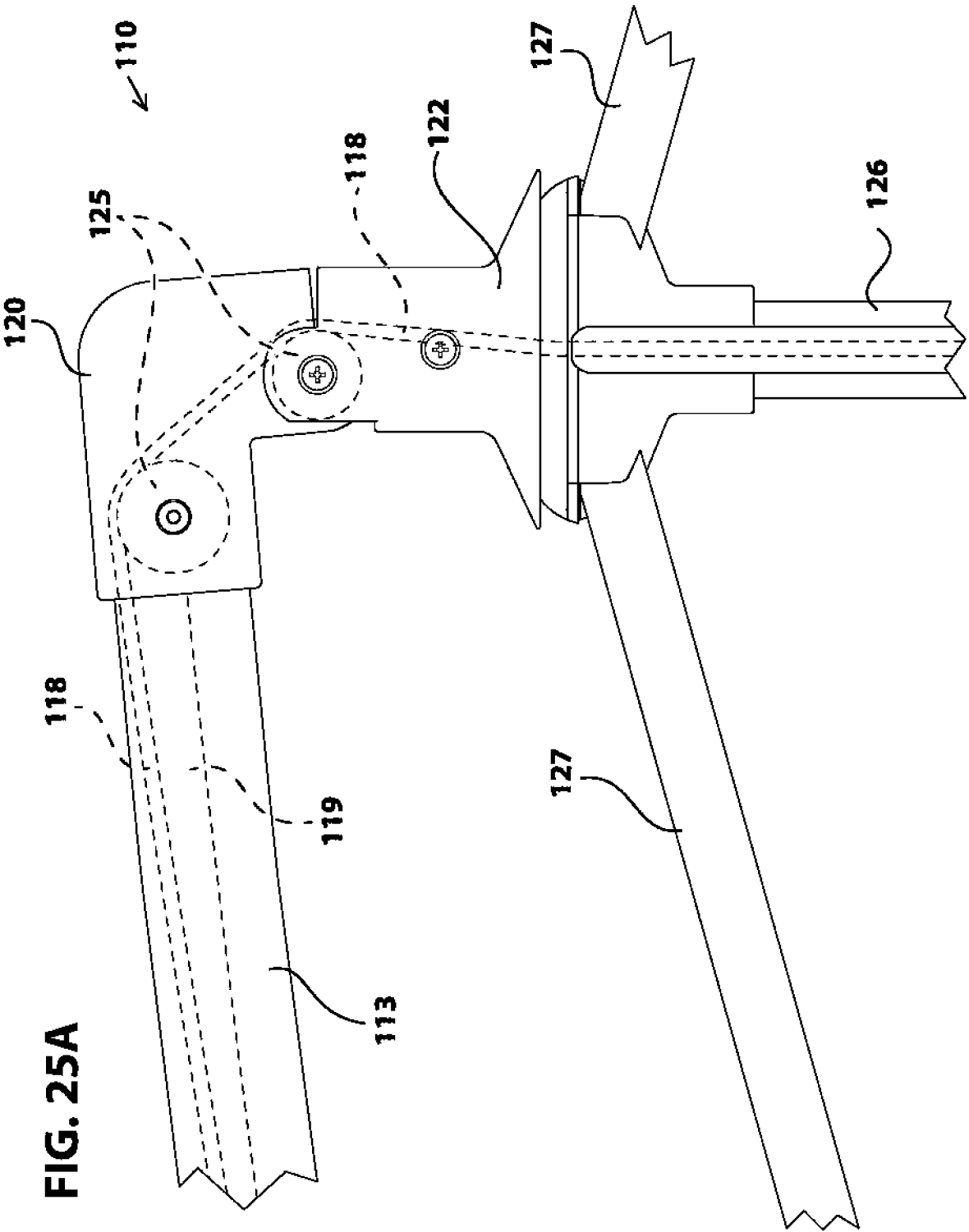
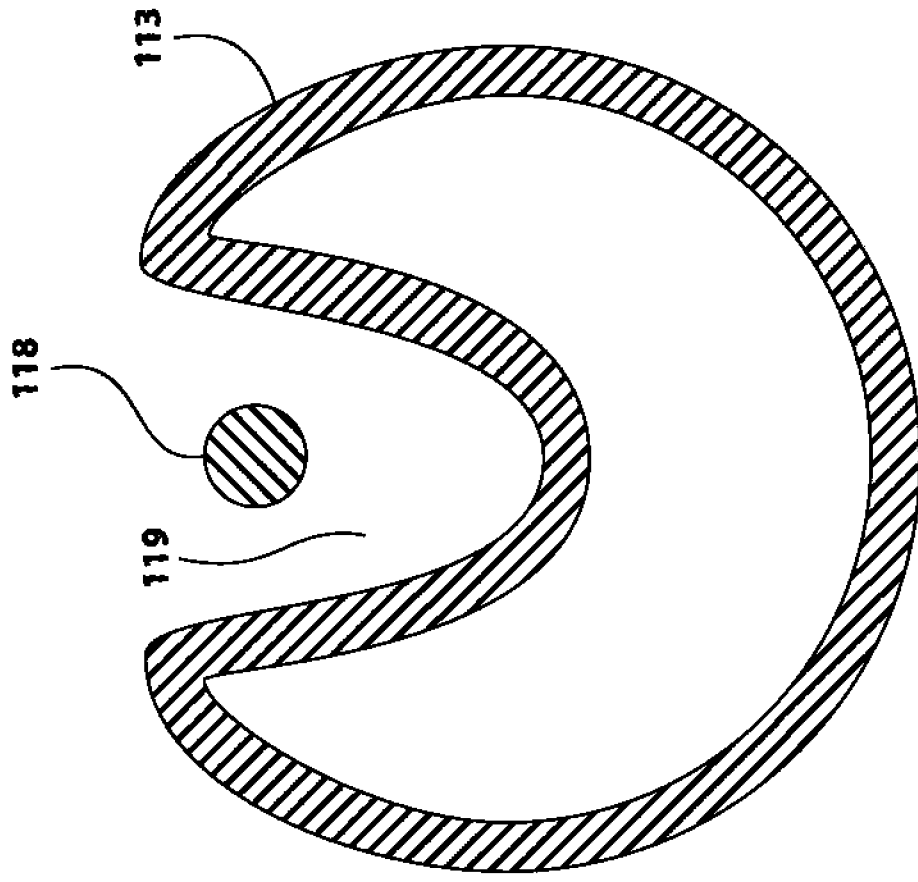


FIG. 25A

FIG. 25B



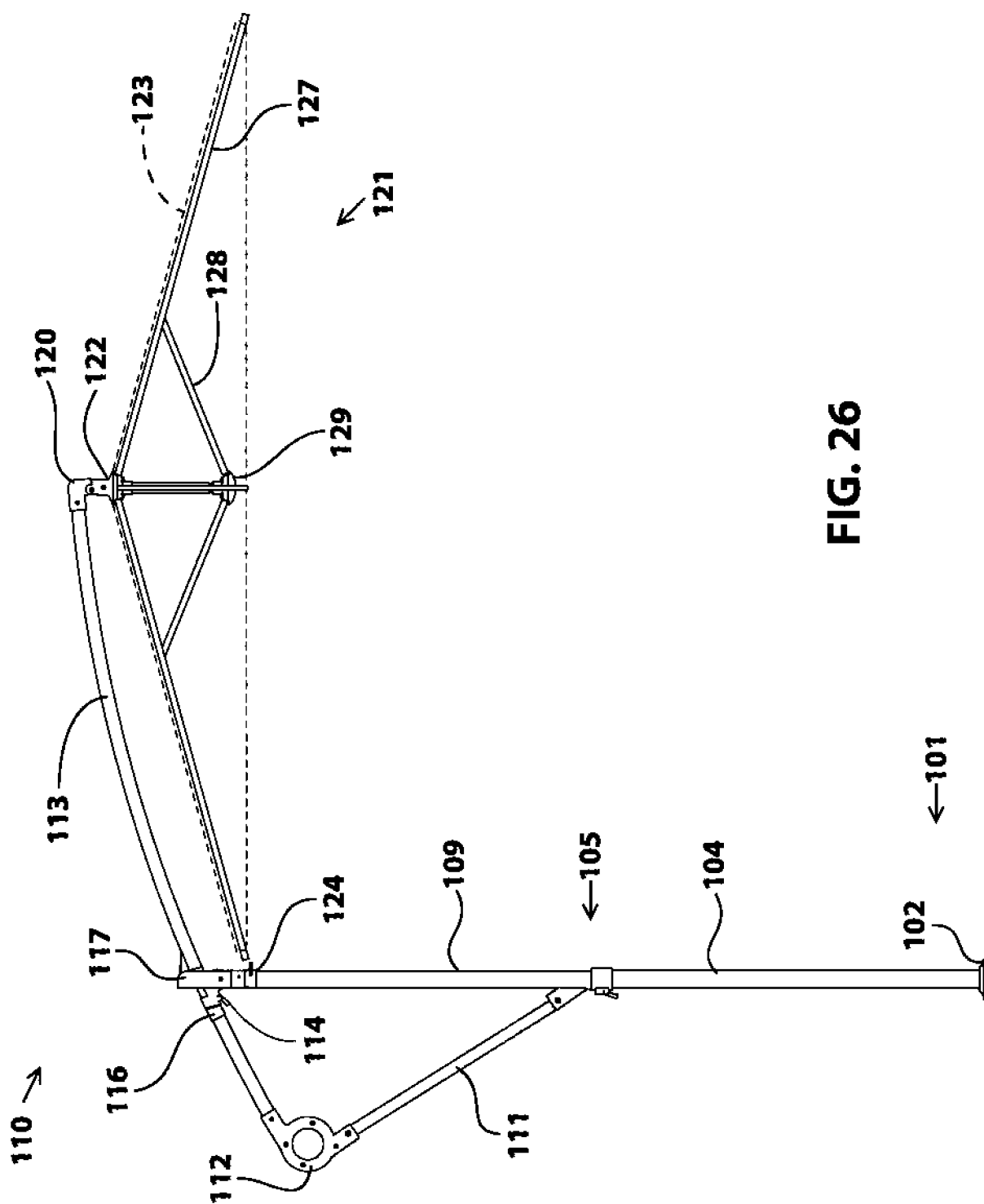
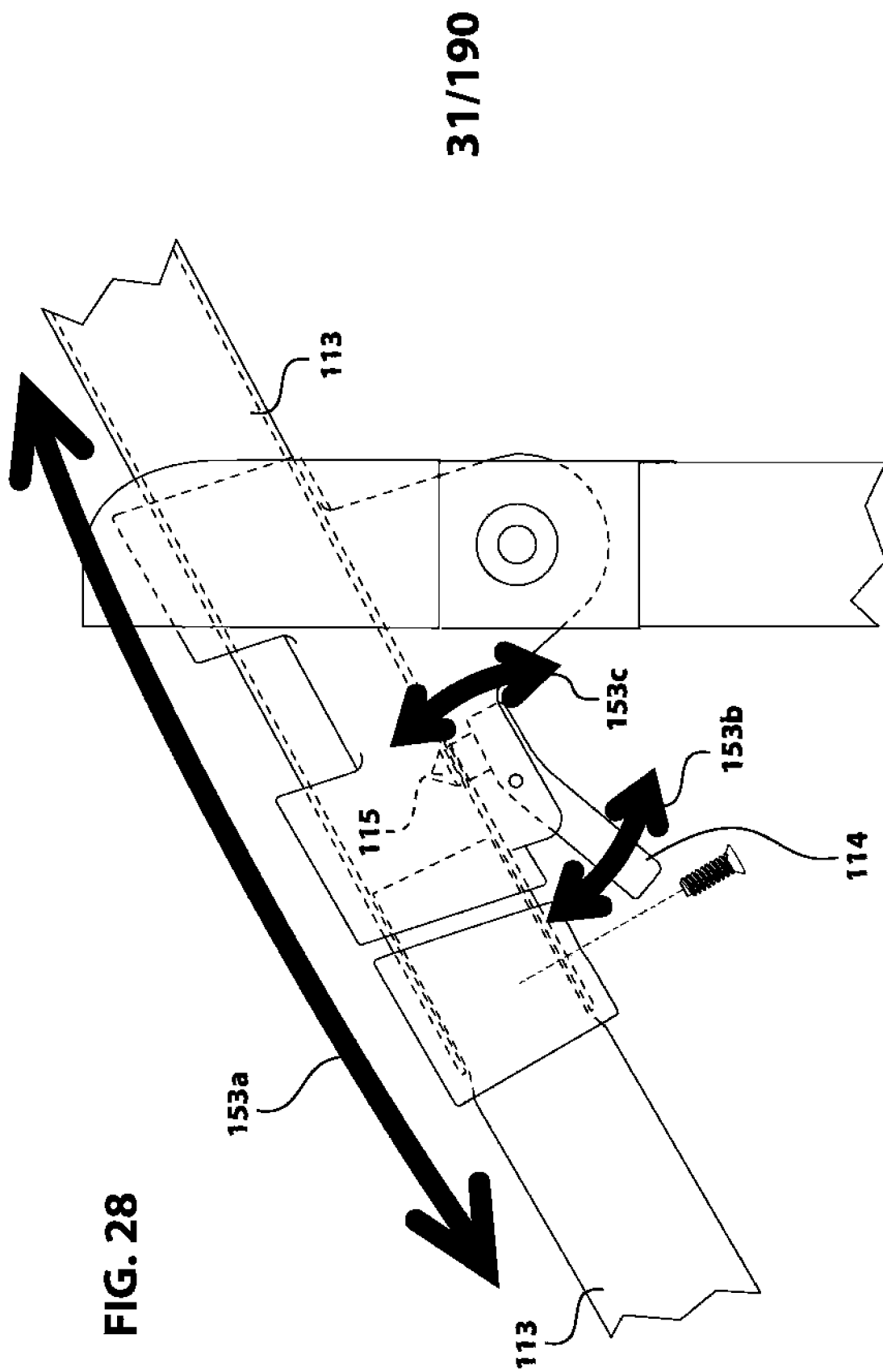
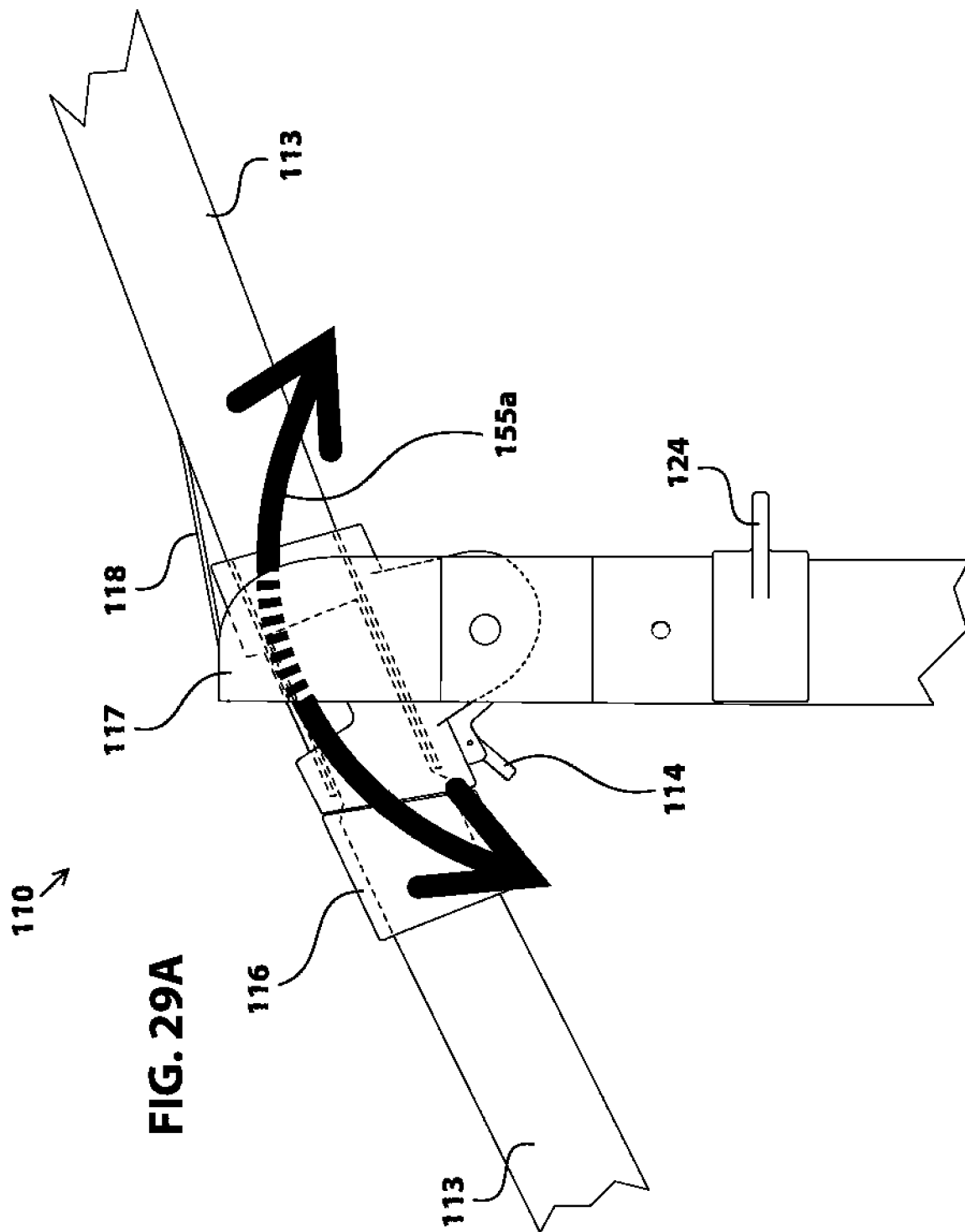
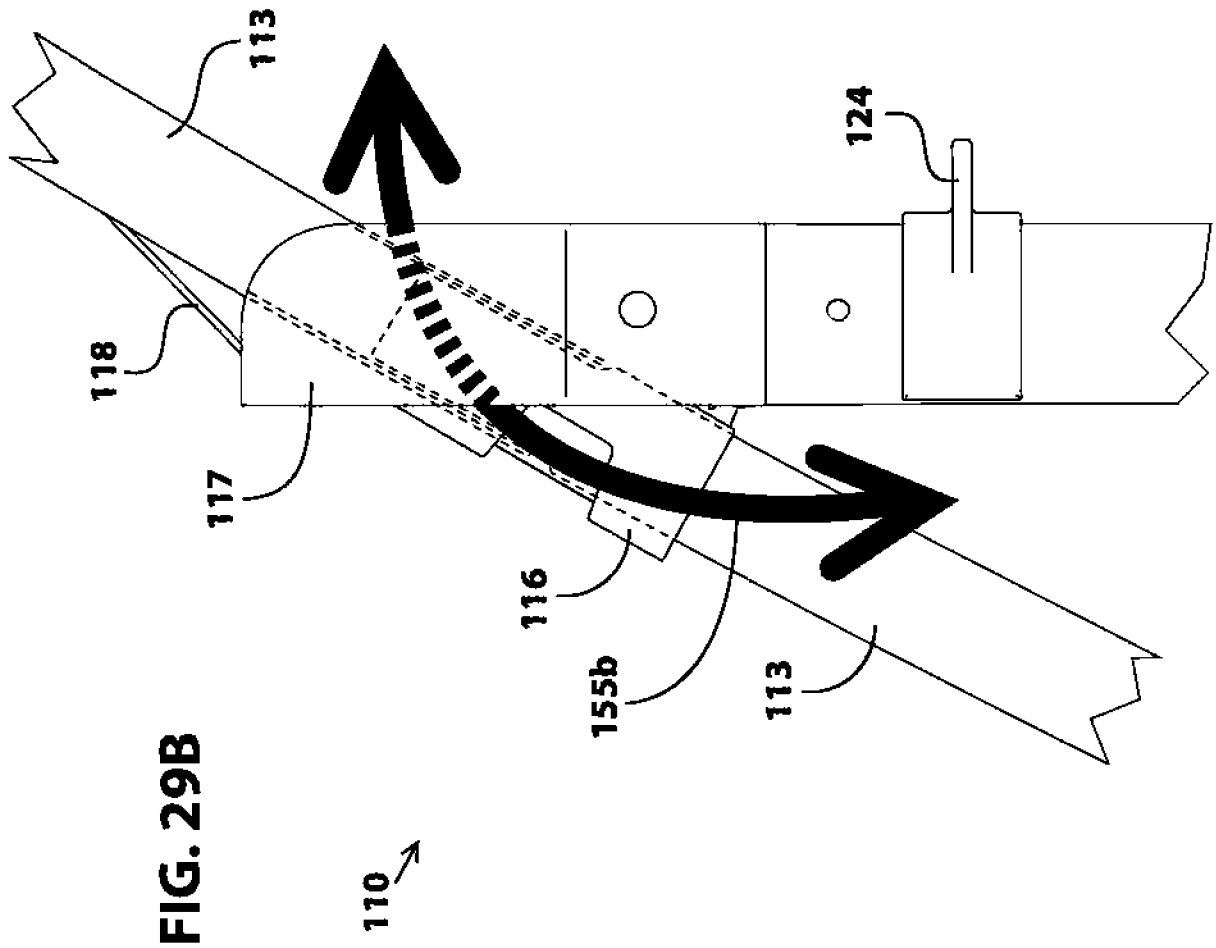


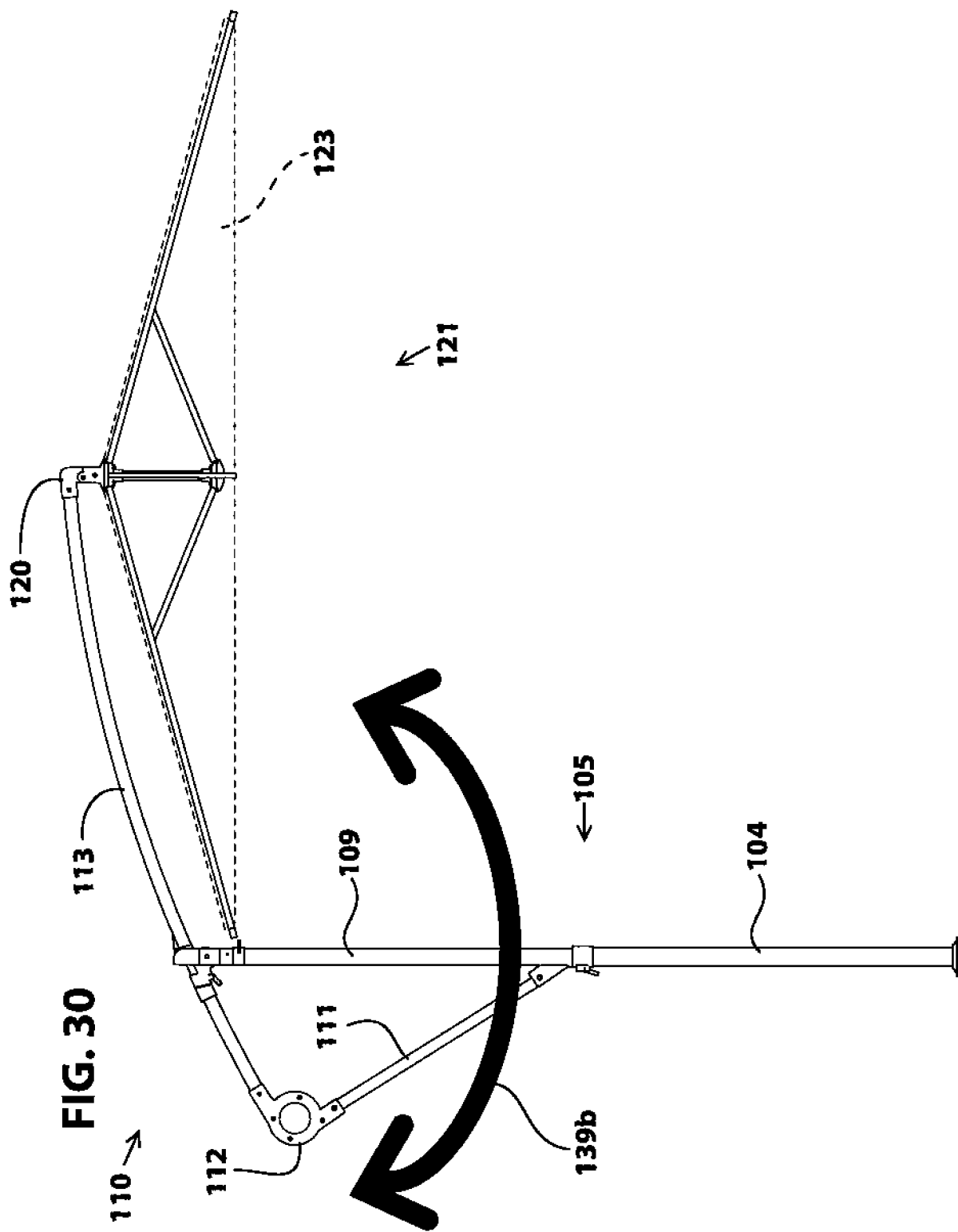
FIG. 26

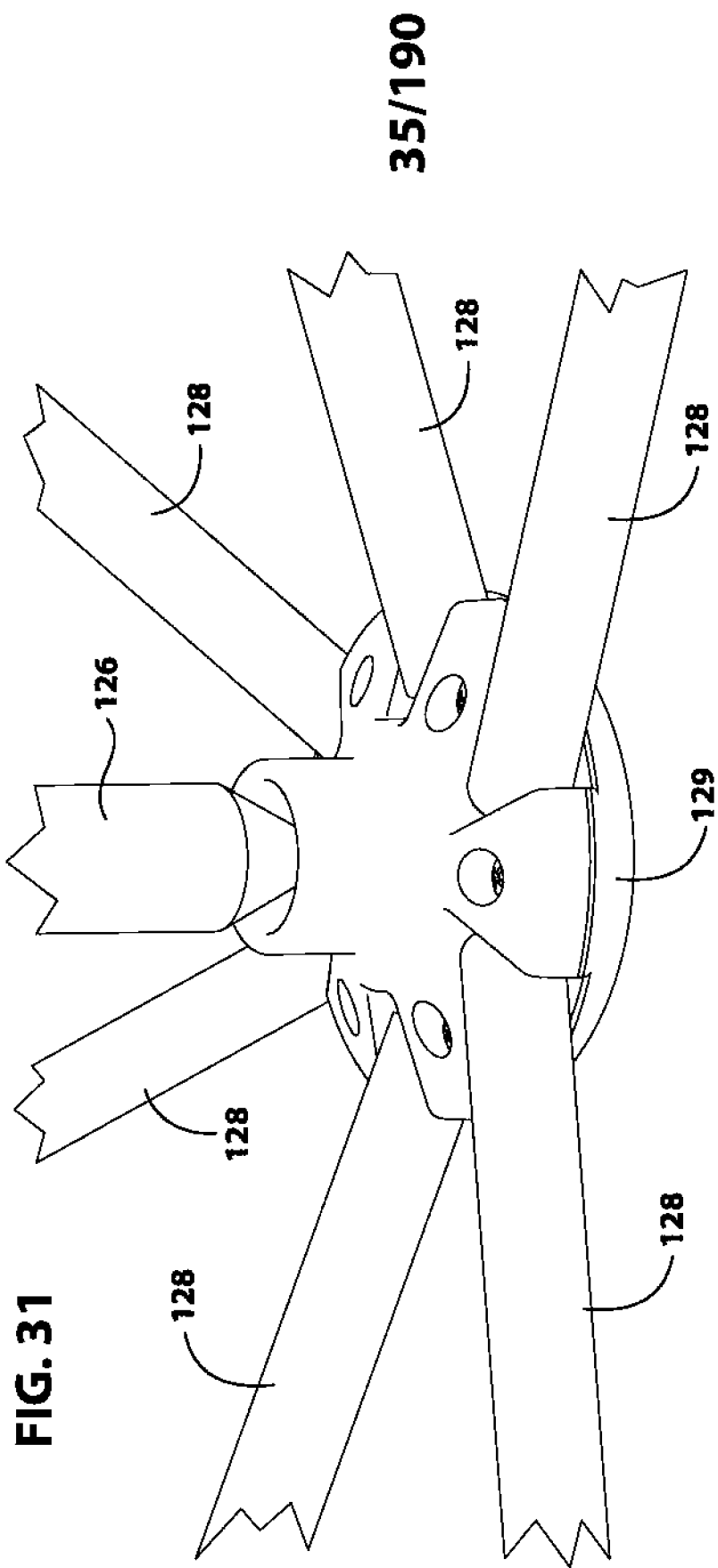


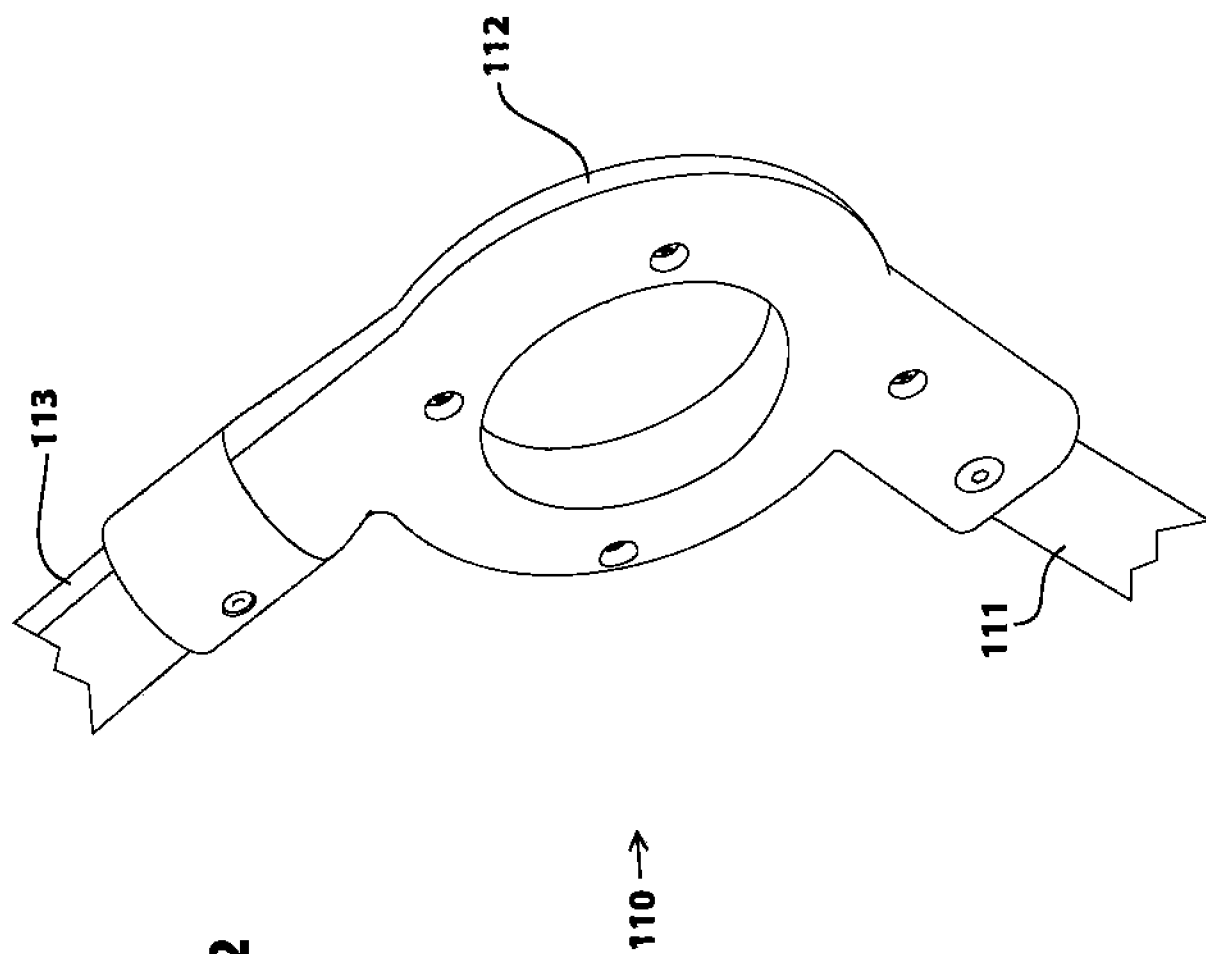












36/190

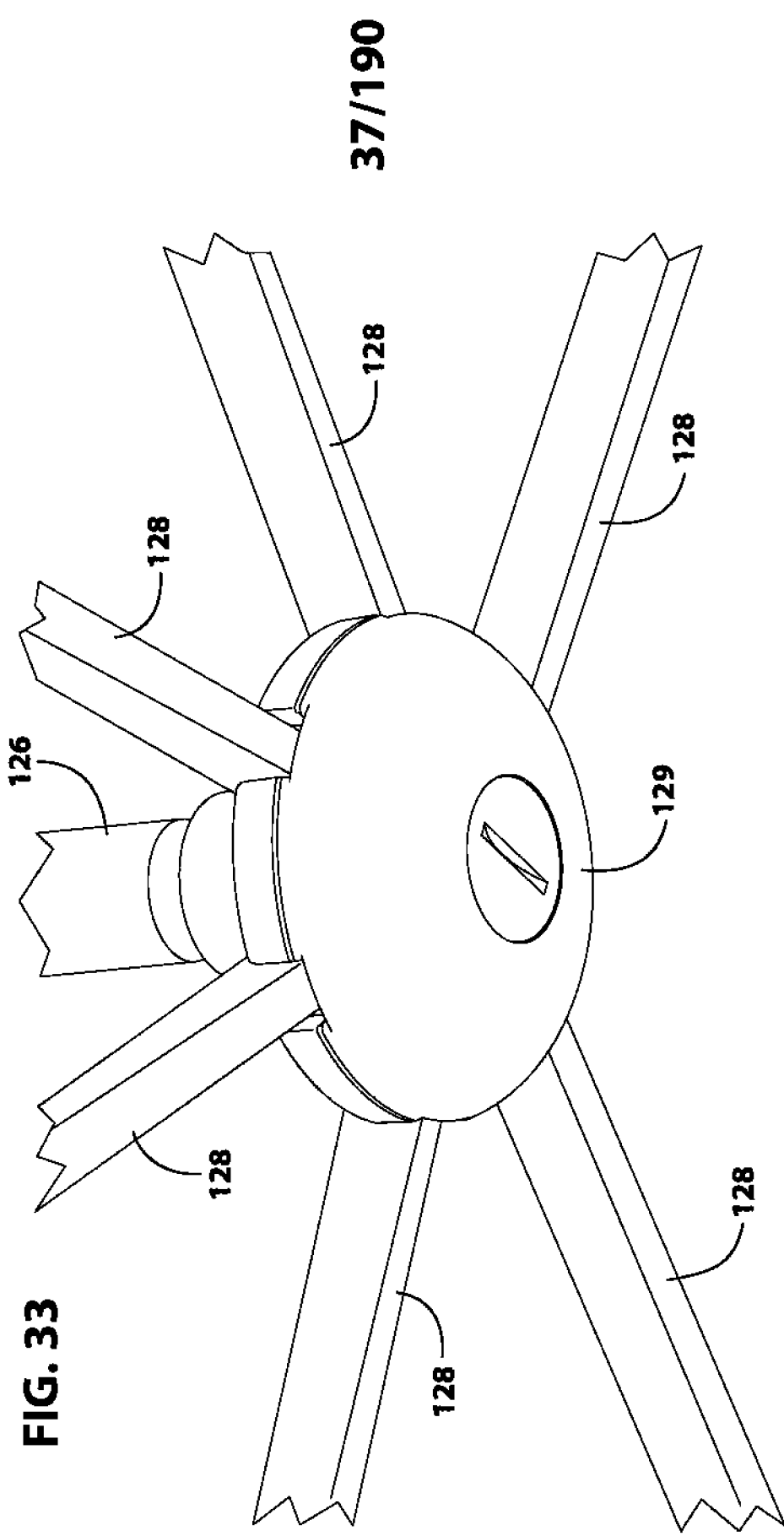


FIG. 33

FIG. 34

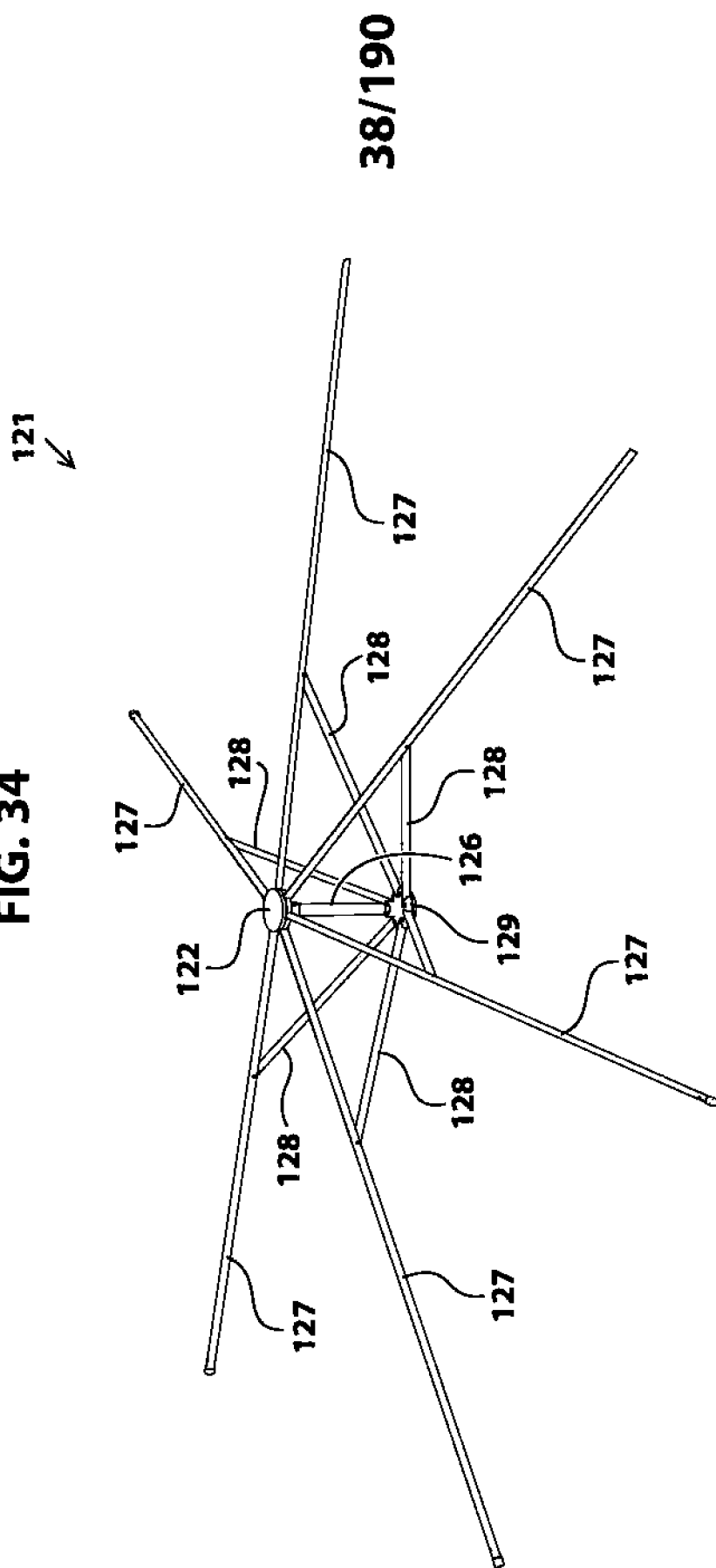
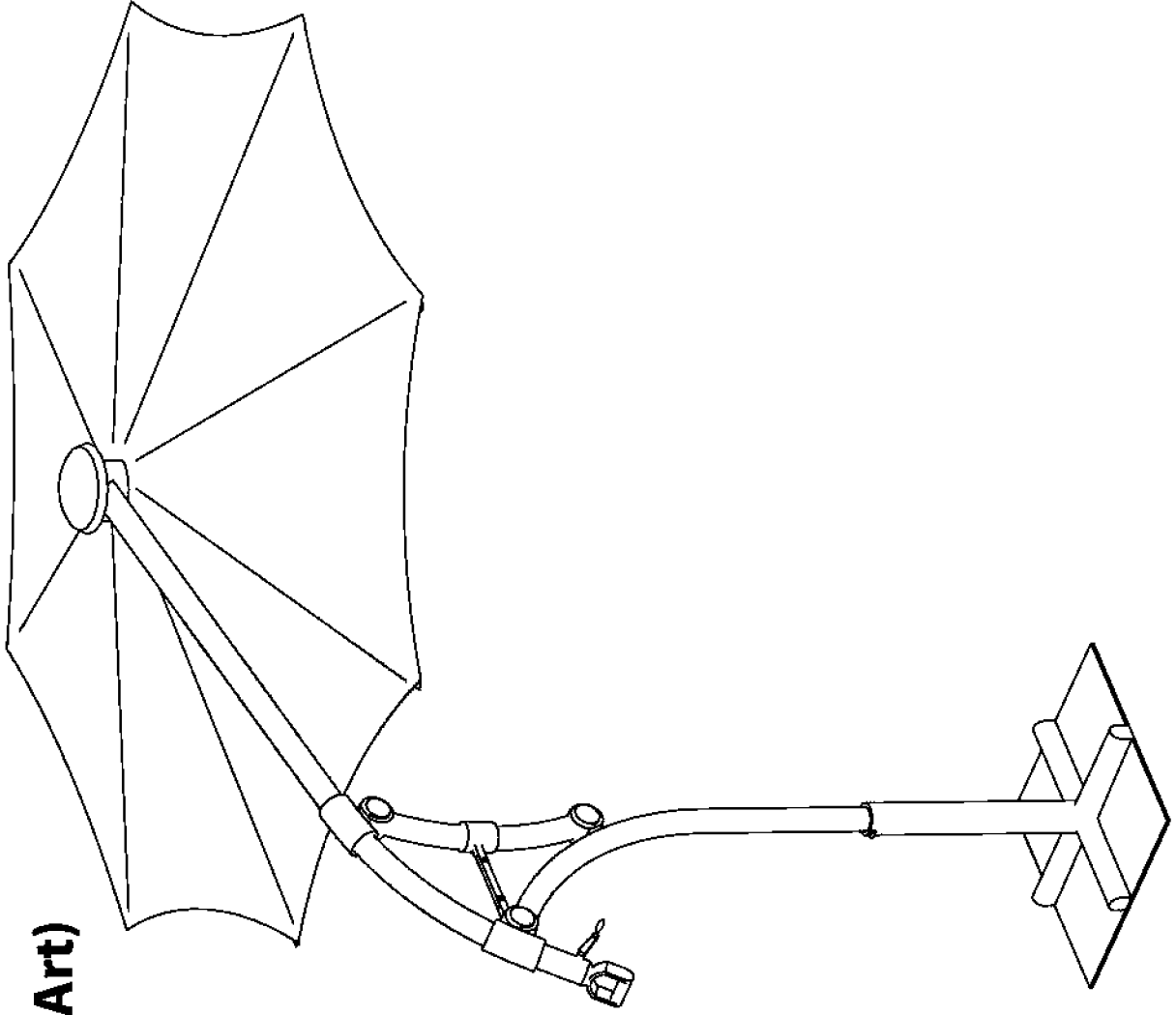
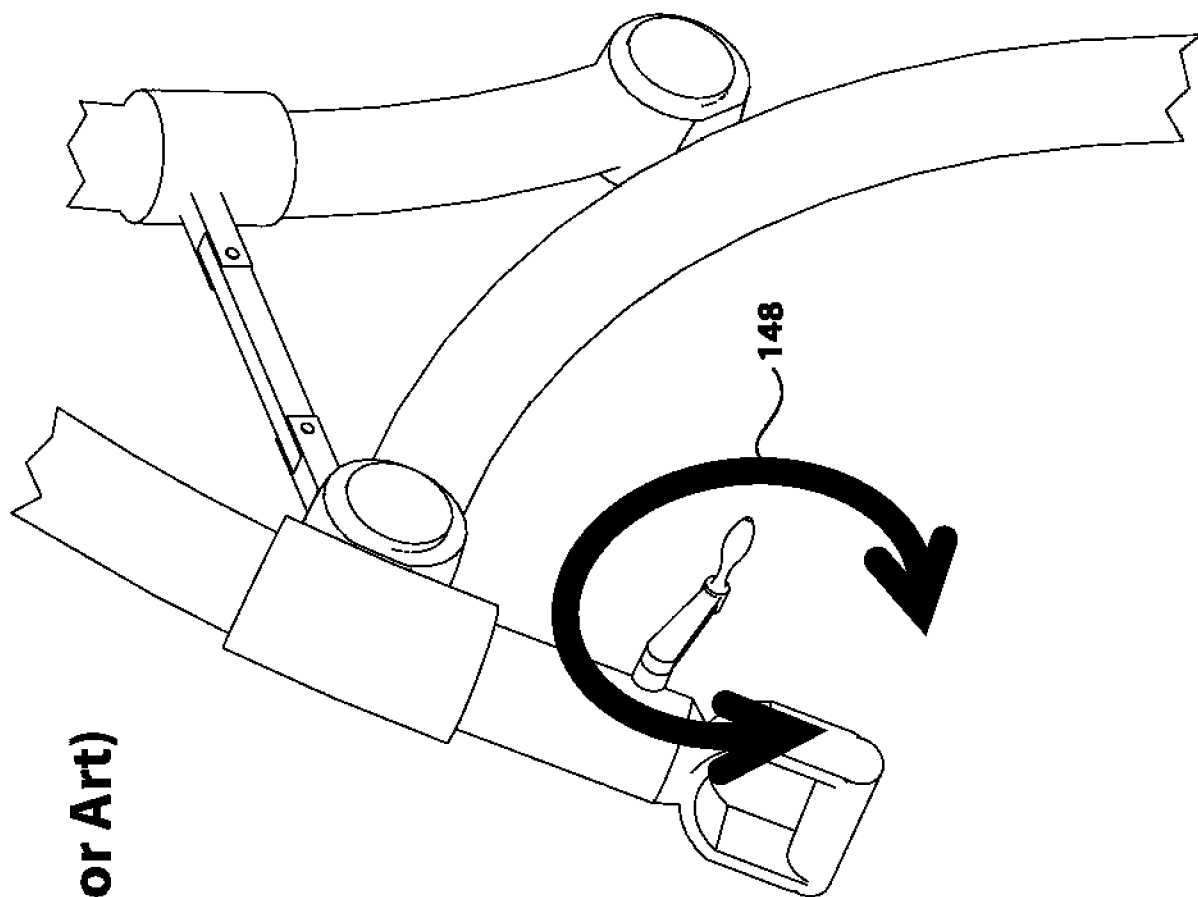




FIG. 36 (Prior Art)

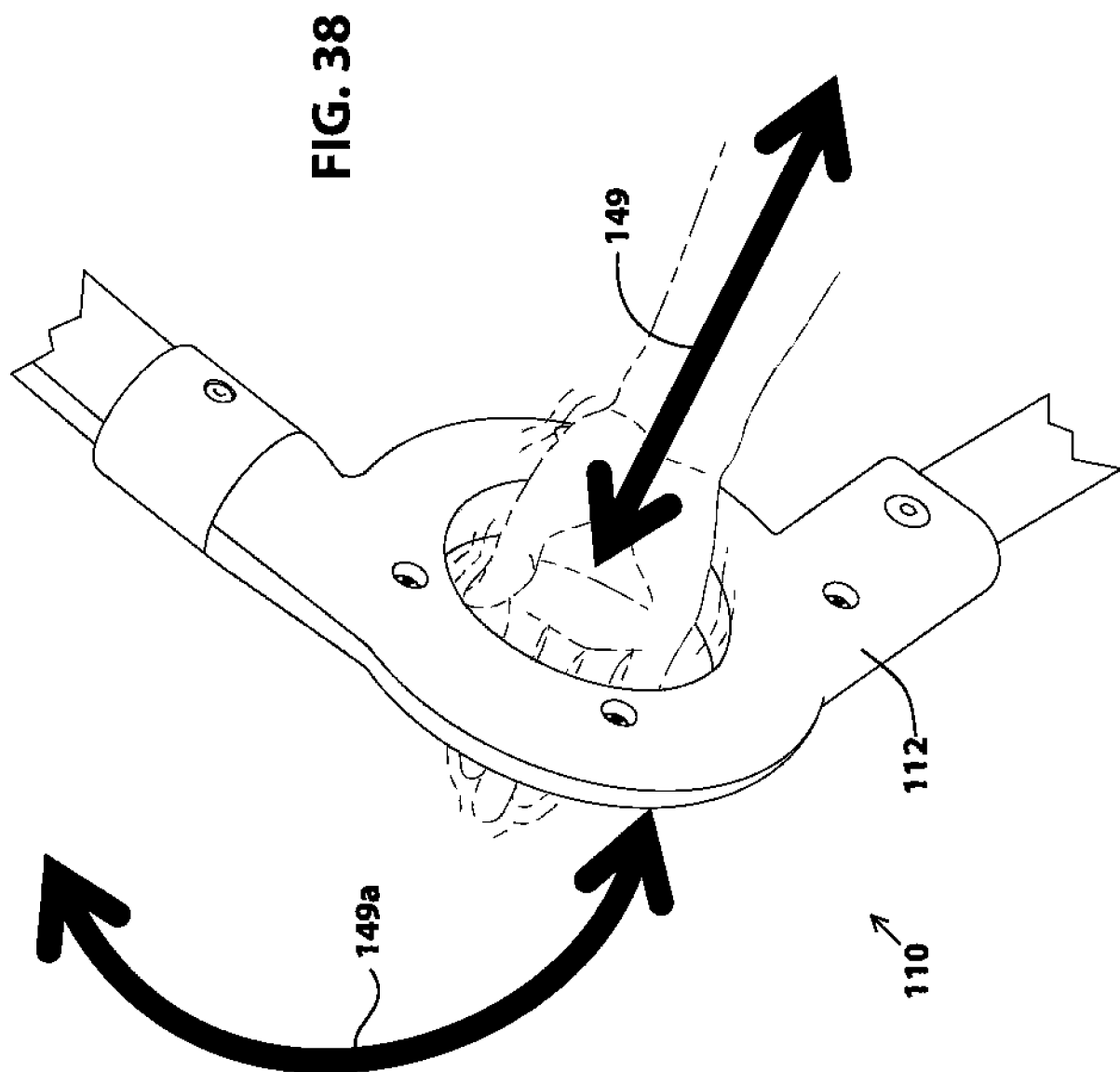


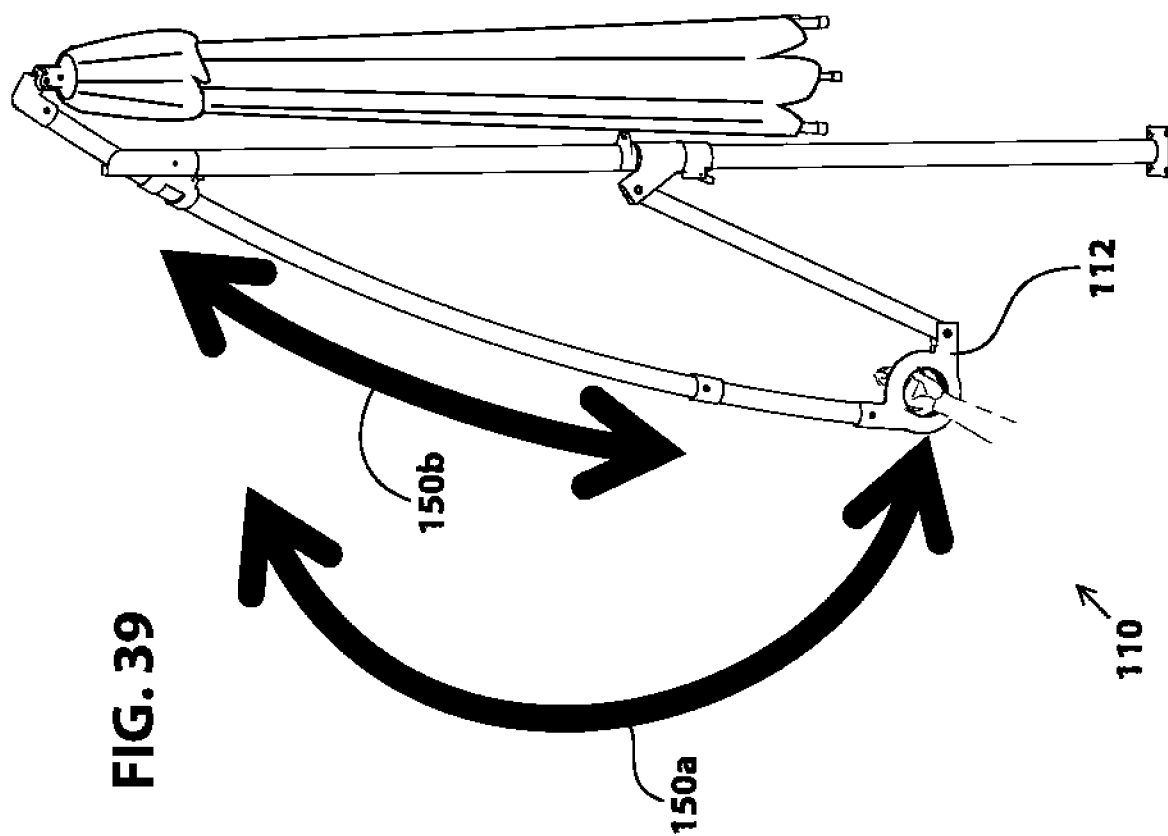
40/190

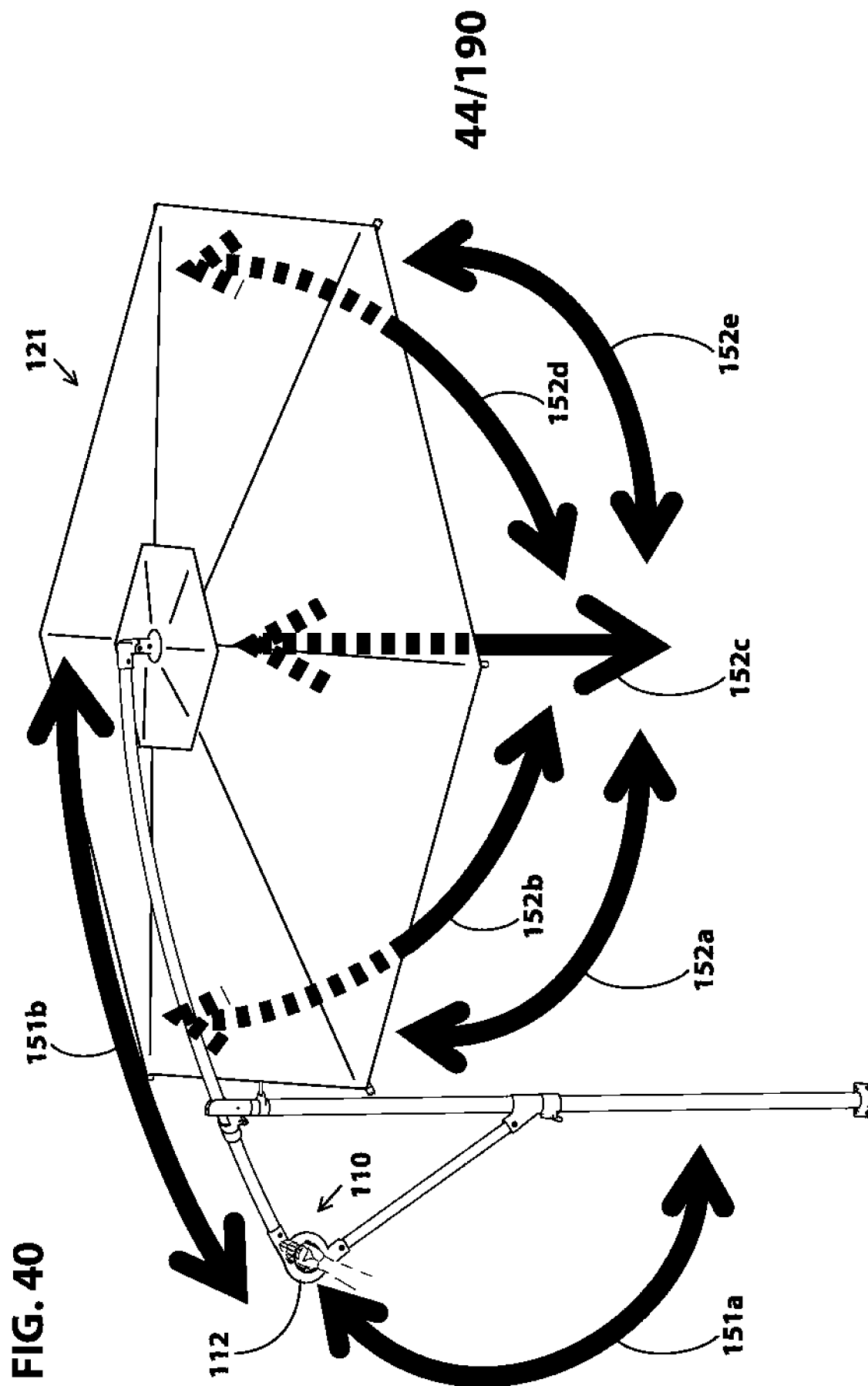


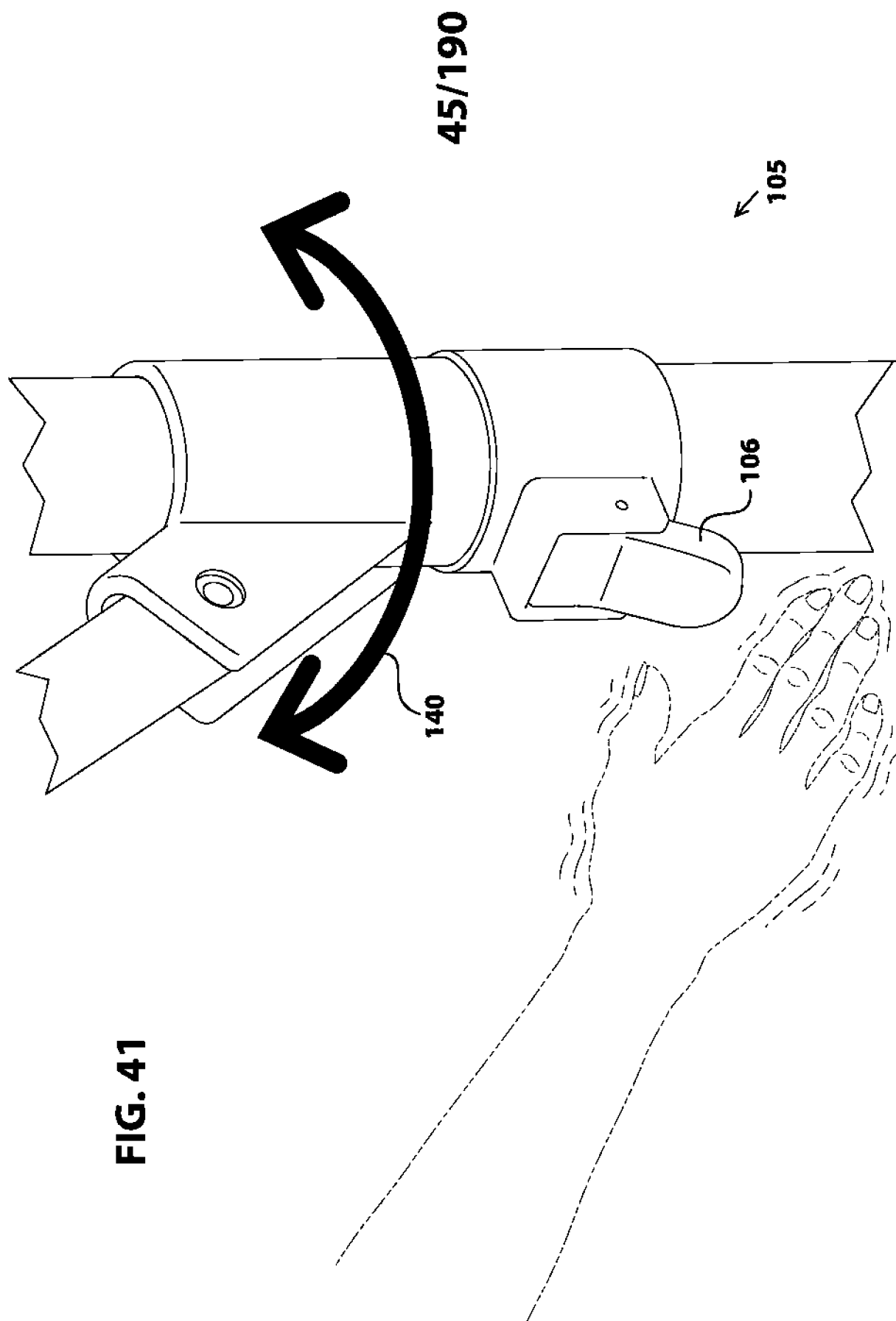
41/190

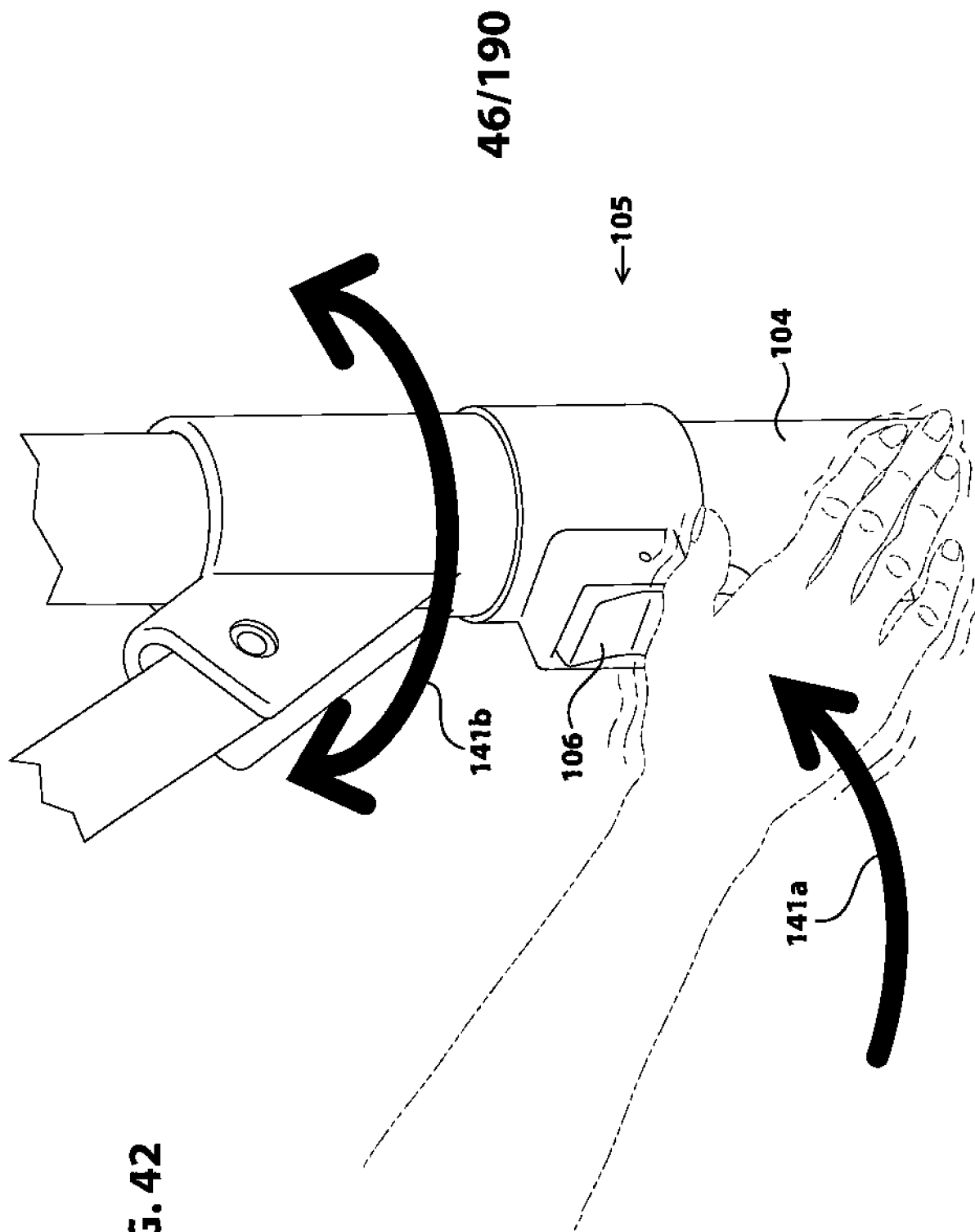
FIG. 37 (Prior Art)

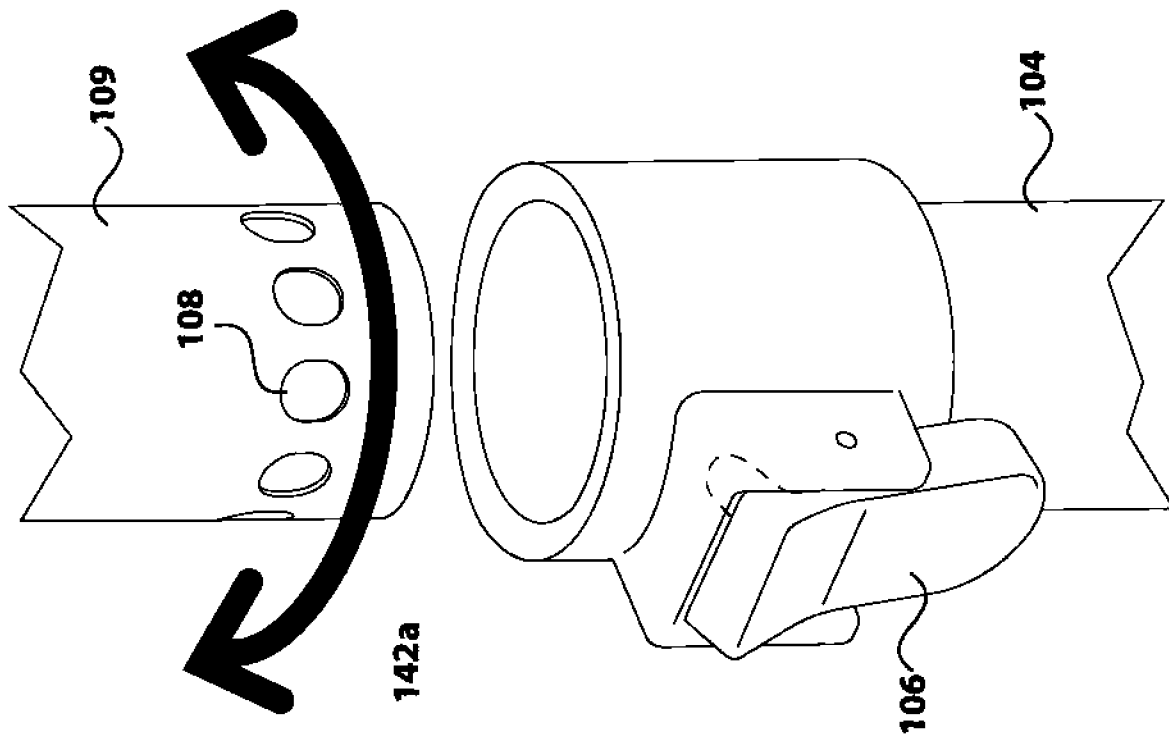








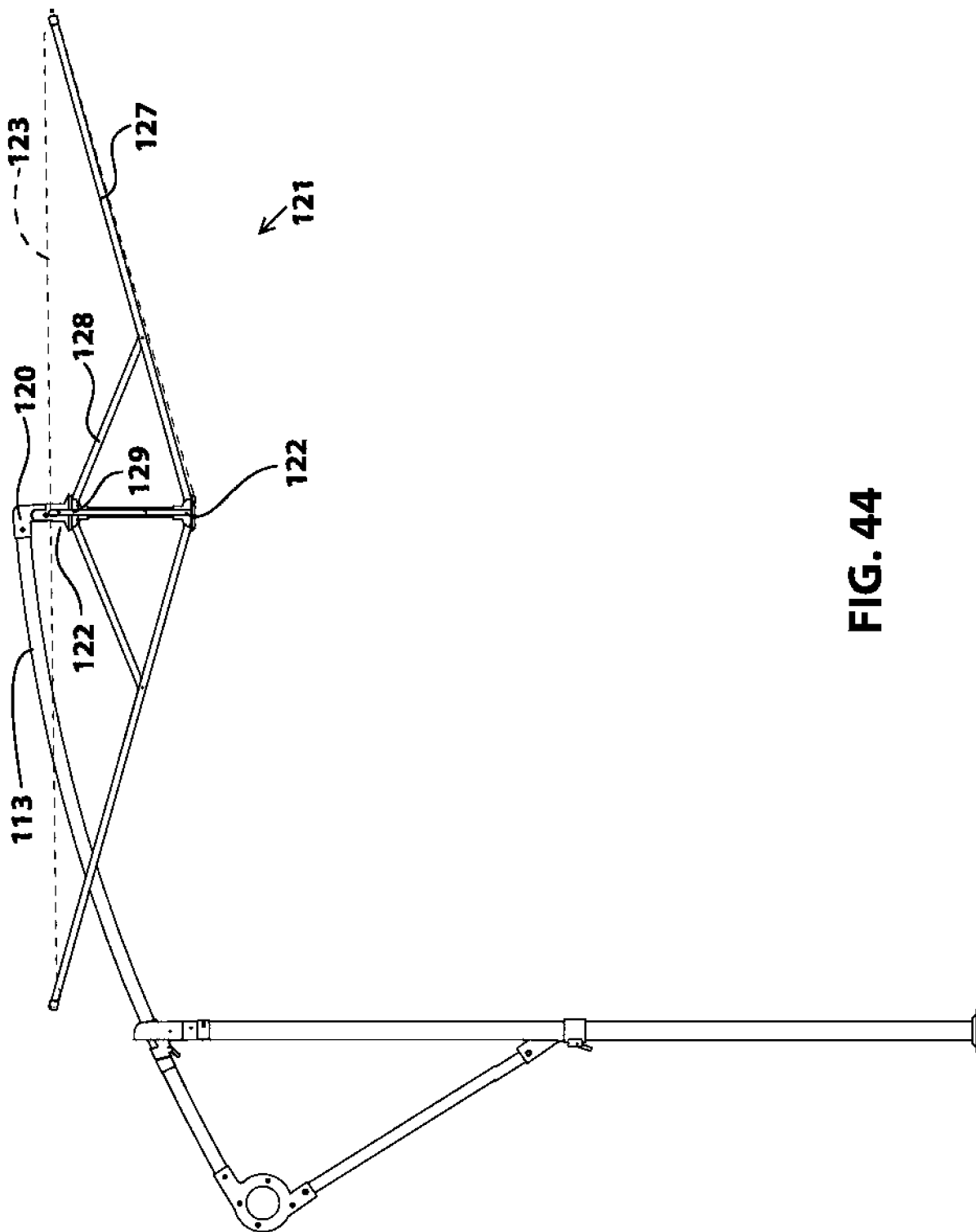




←105

47/190

FIG. 43



48/190

FIG. 44

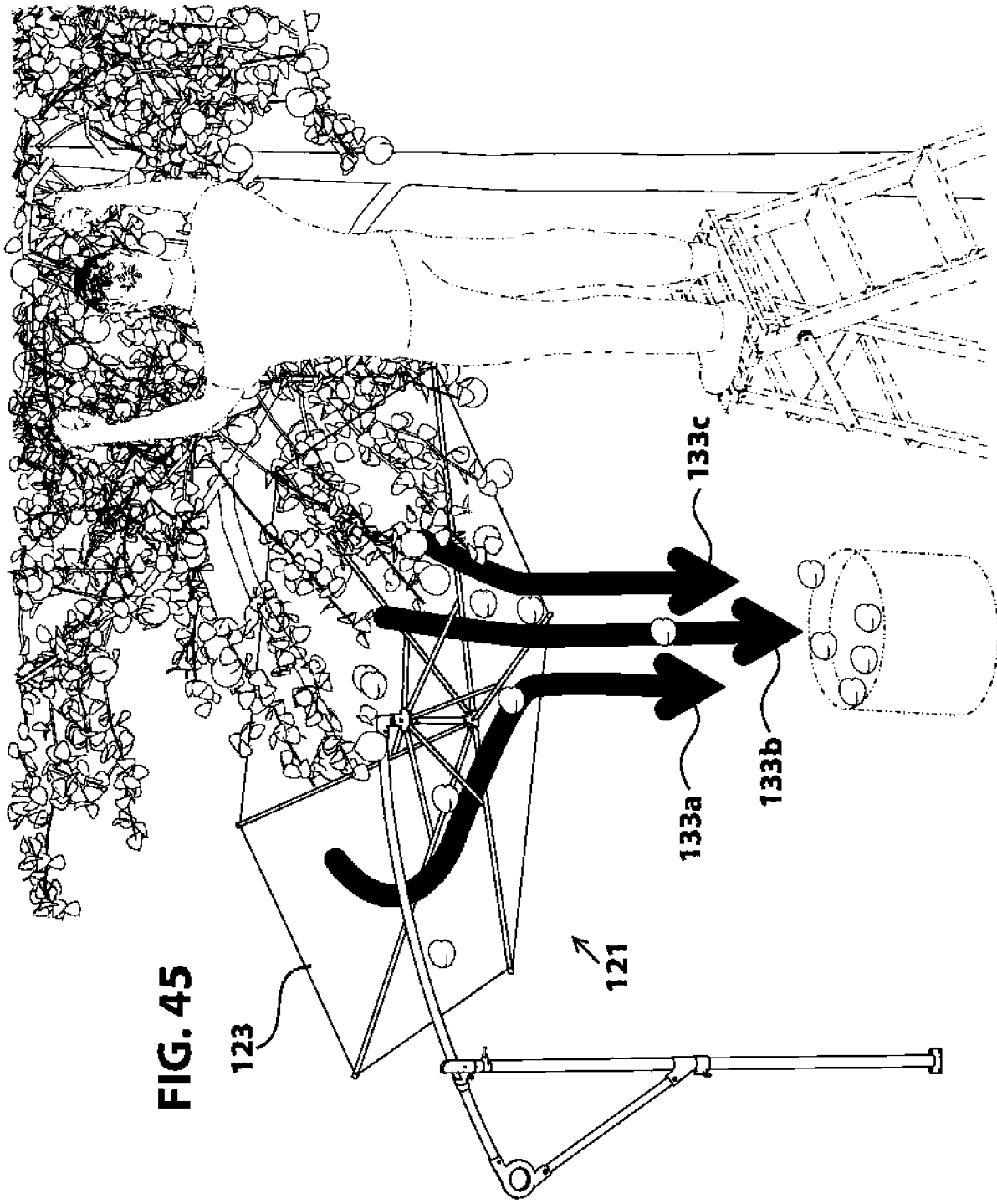


FIG. 46

121

123

134a

134b

134c

134d

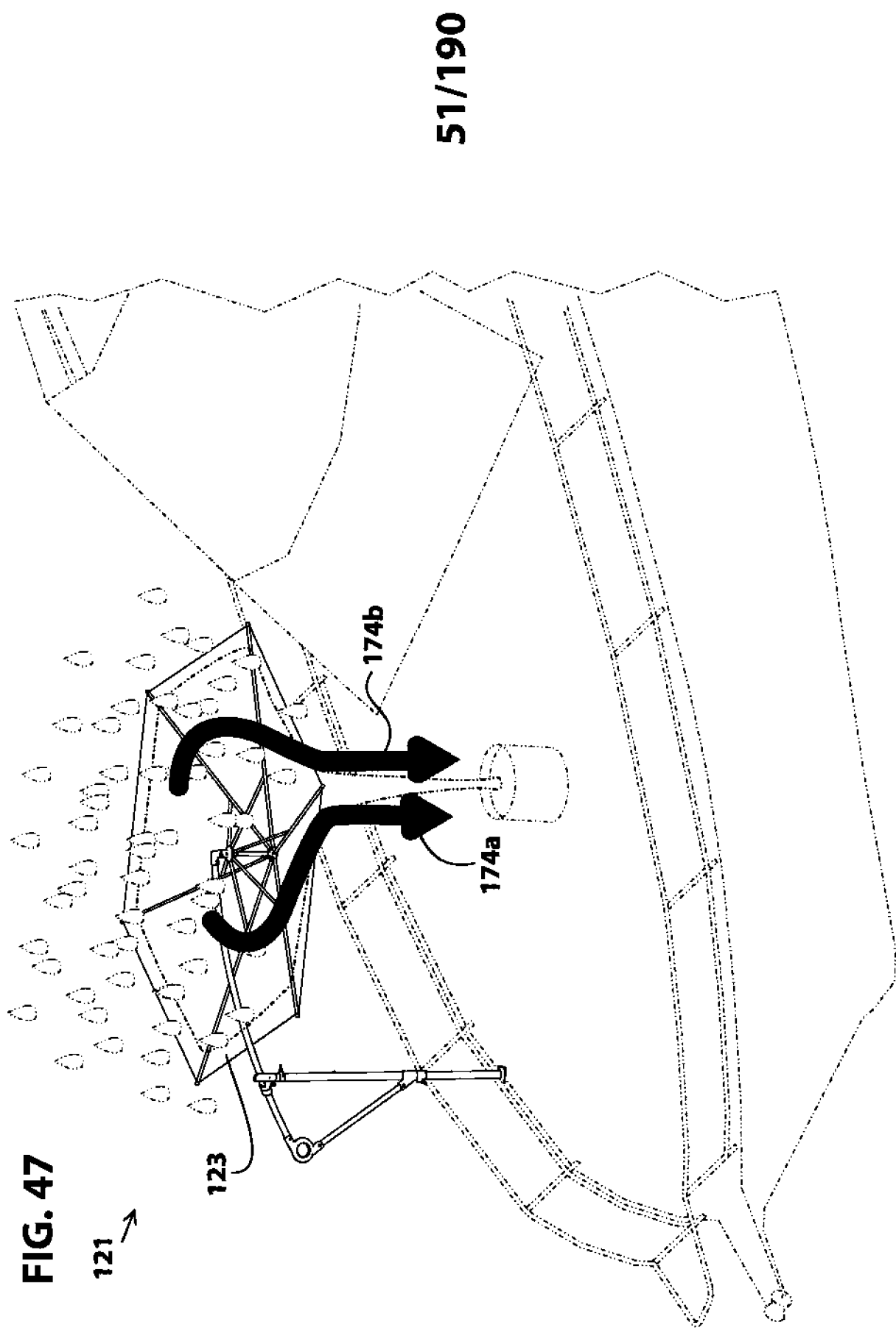


FIG. 48

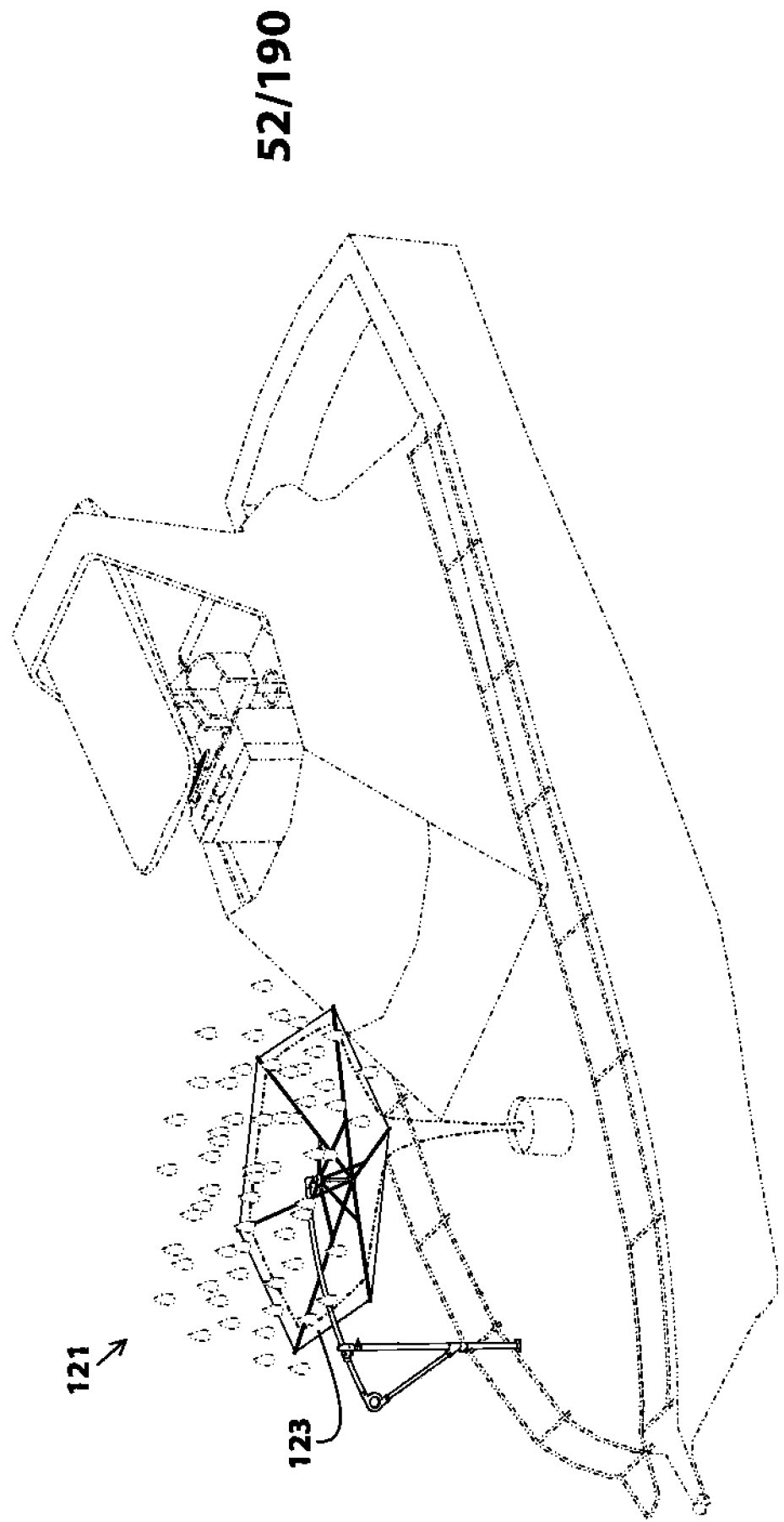


FIG. 49

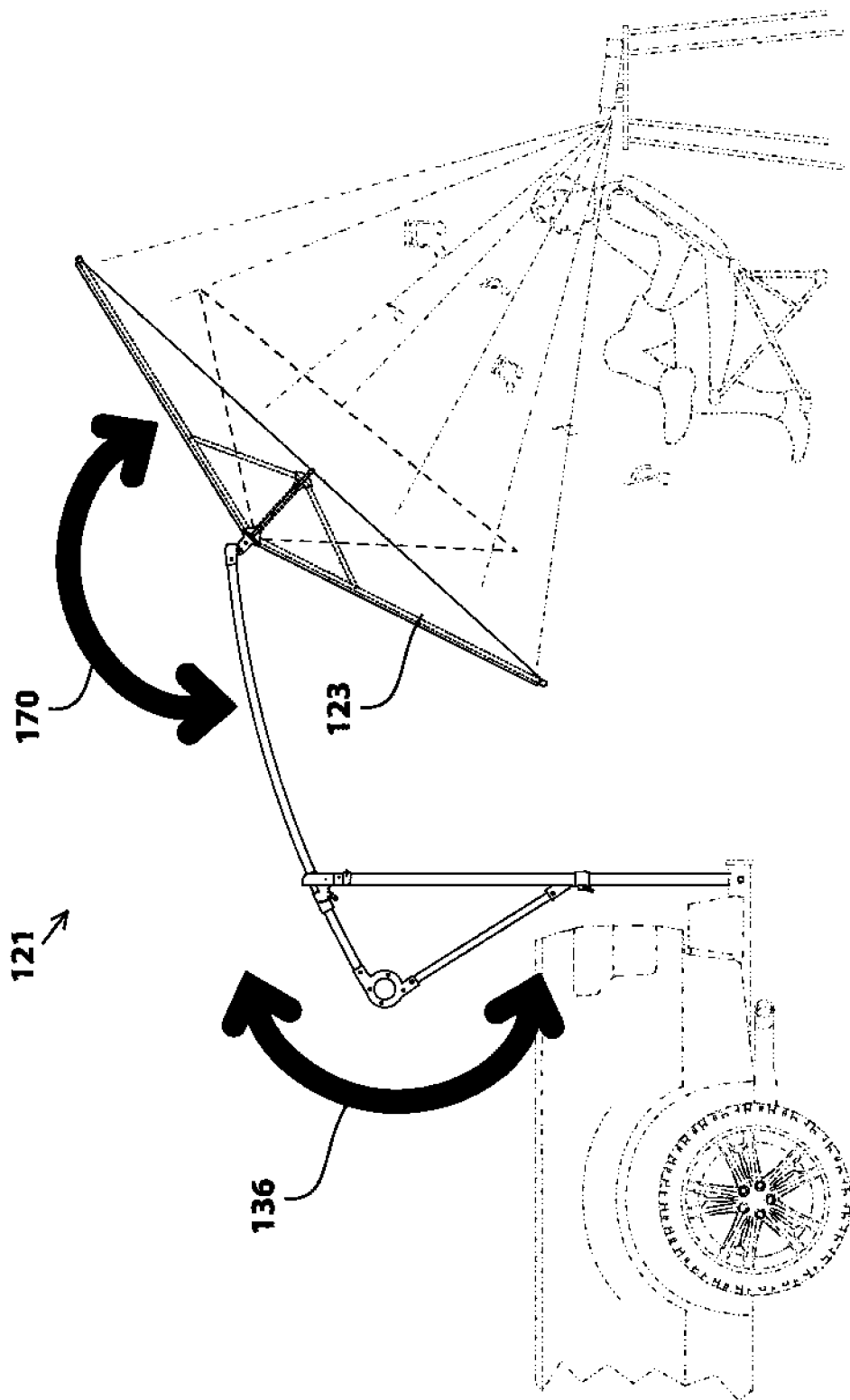
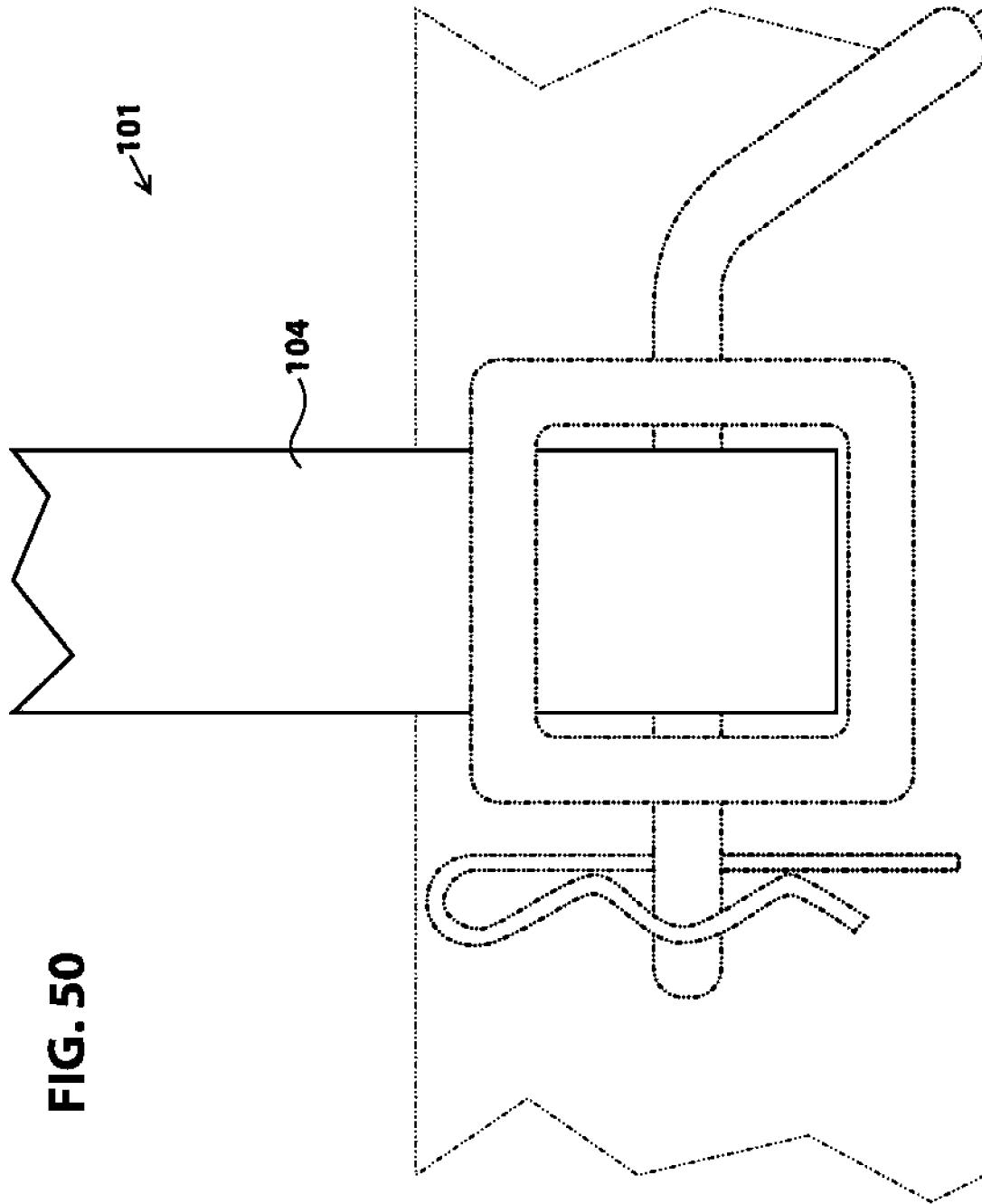


FIG. 50



54/190

FIG. 51

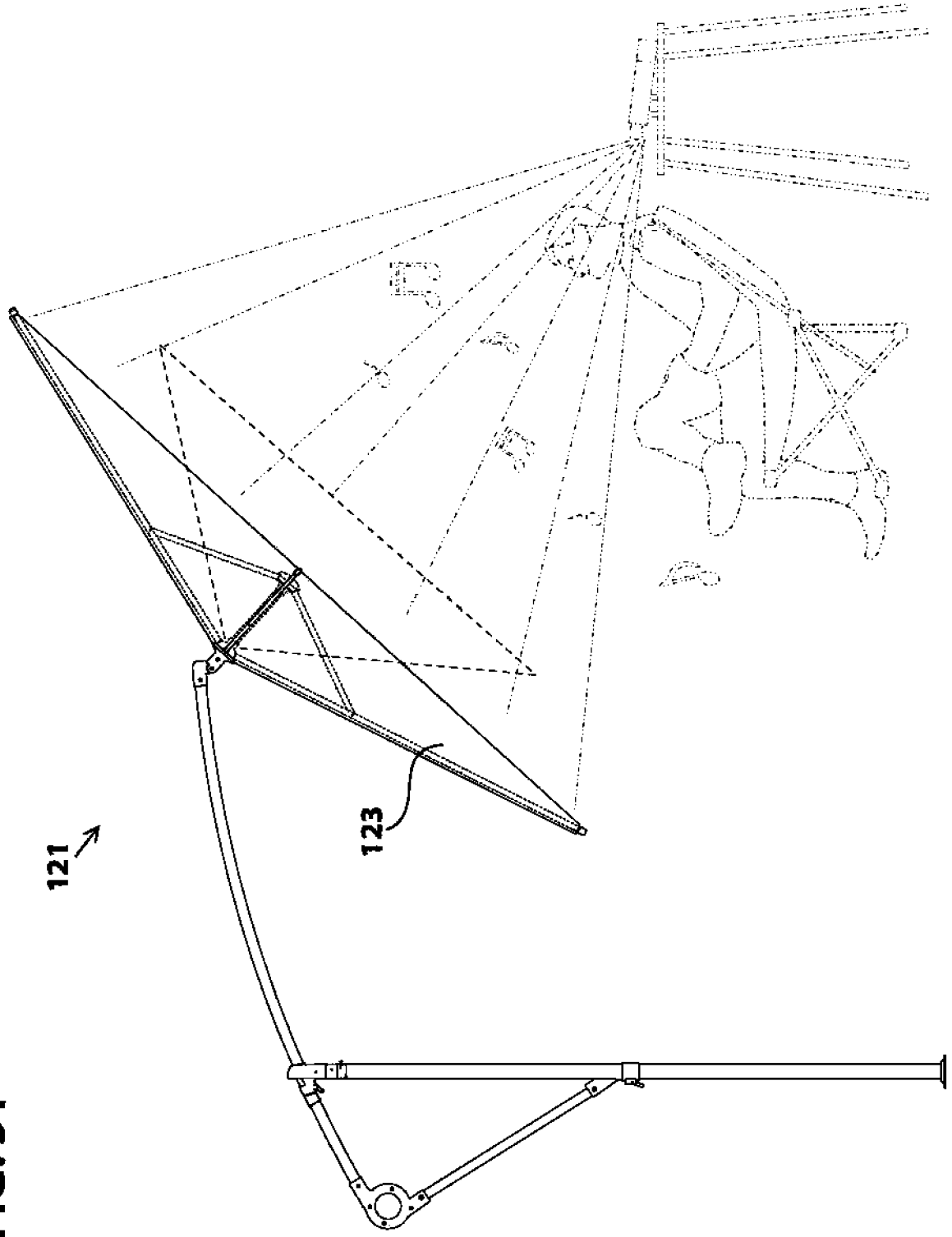


FIG. 52

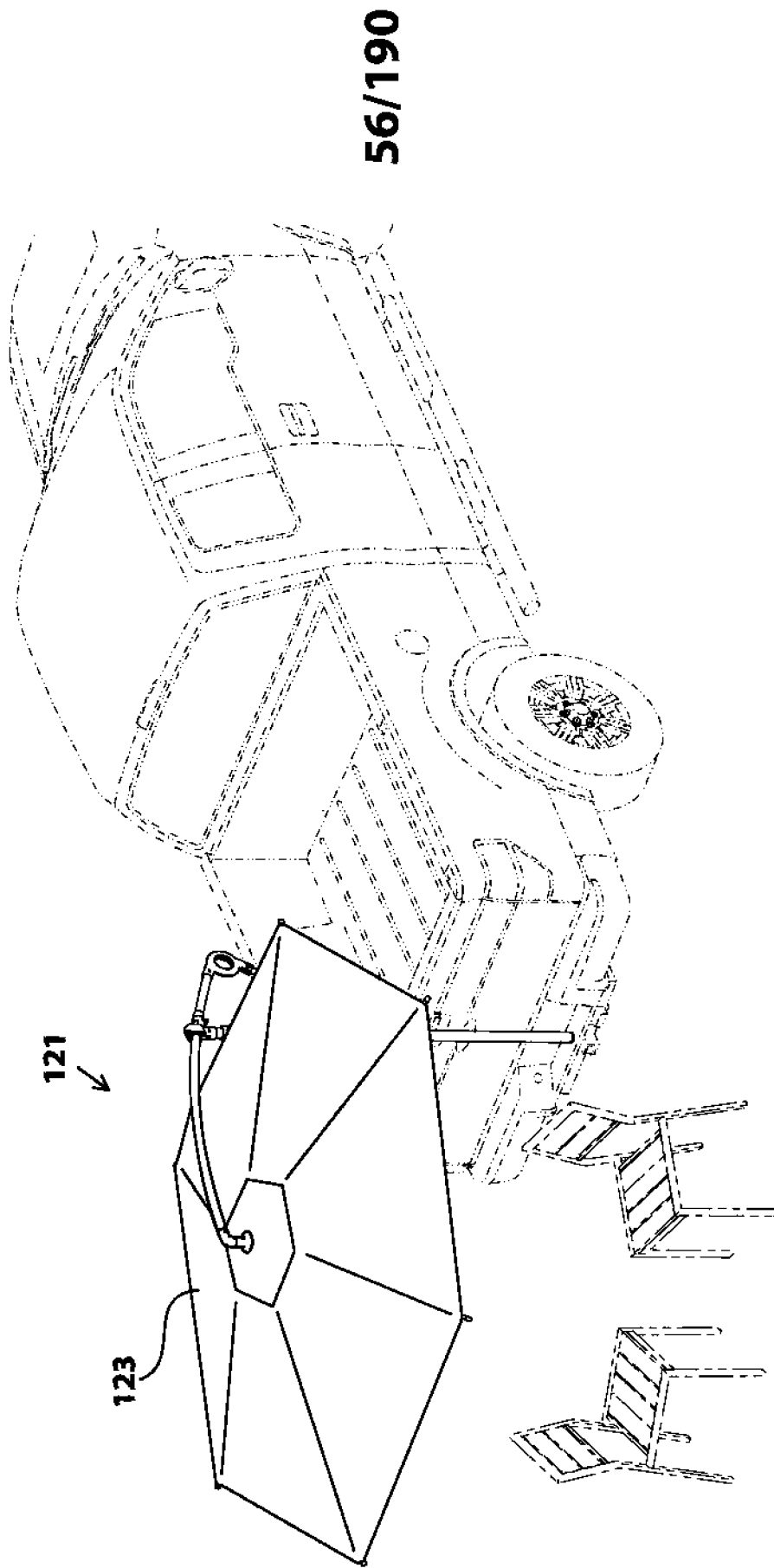
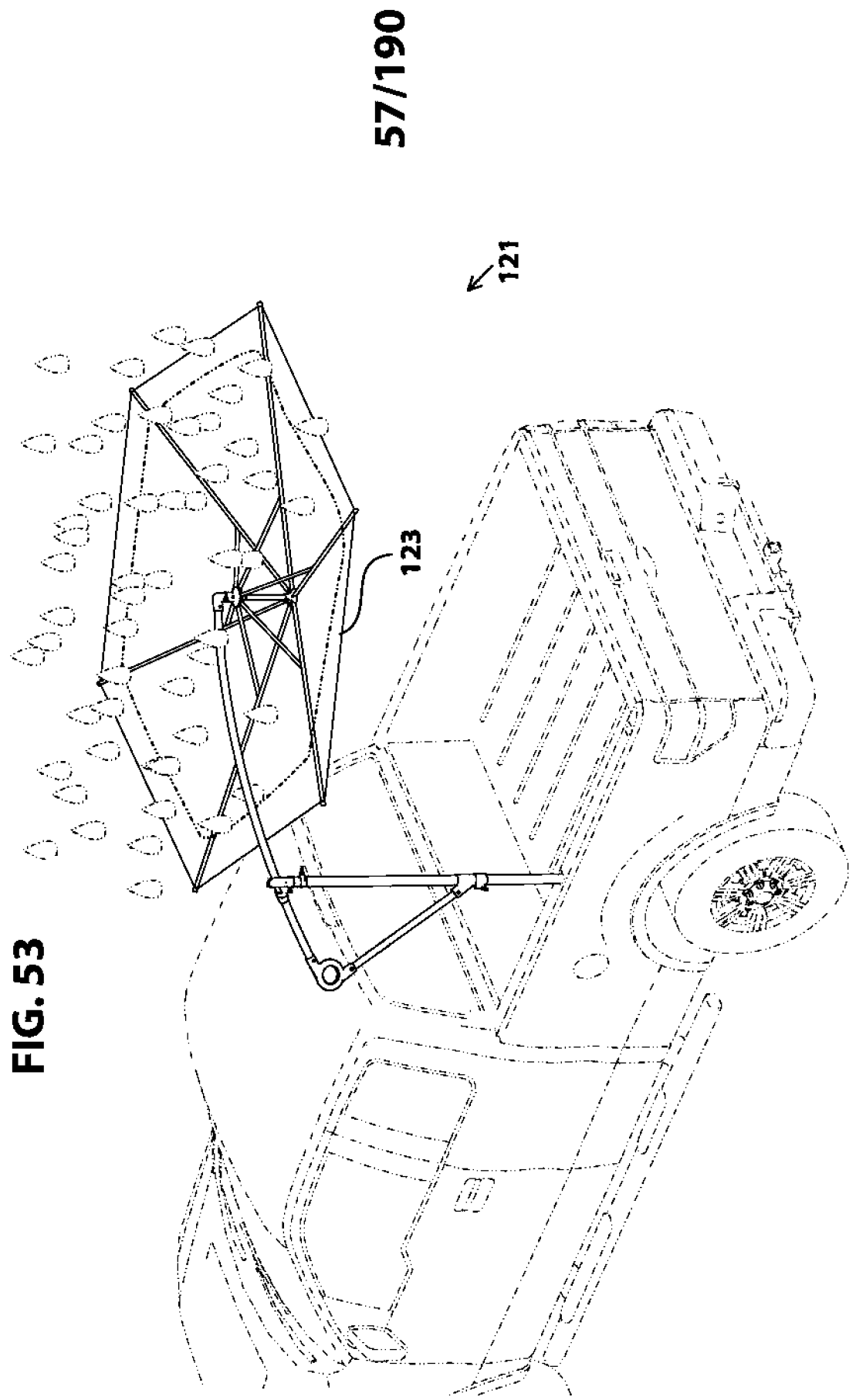


FIG. 53



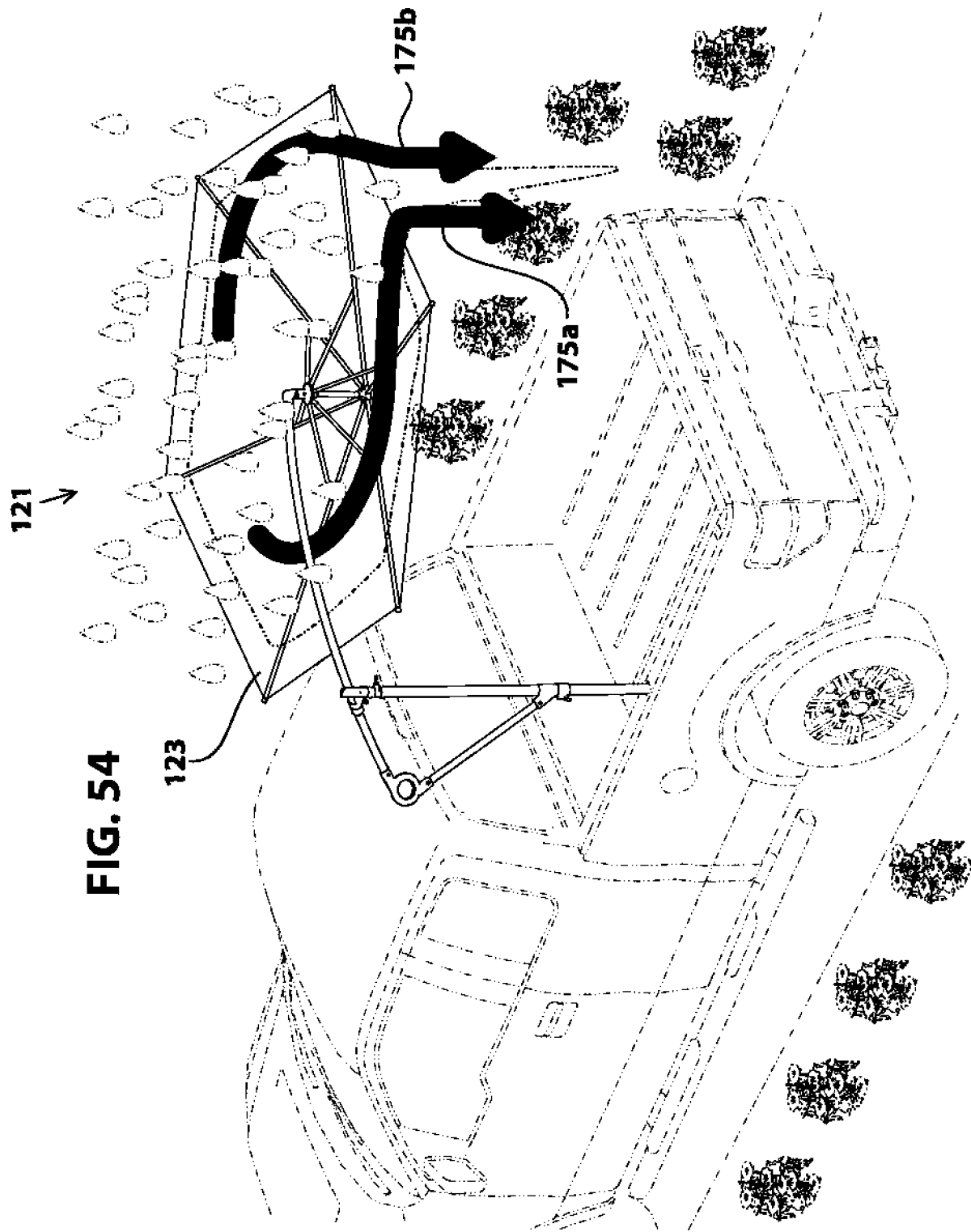
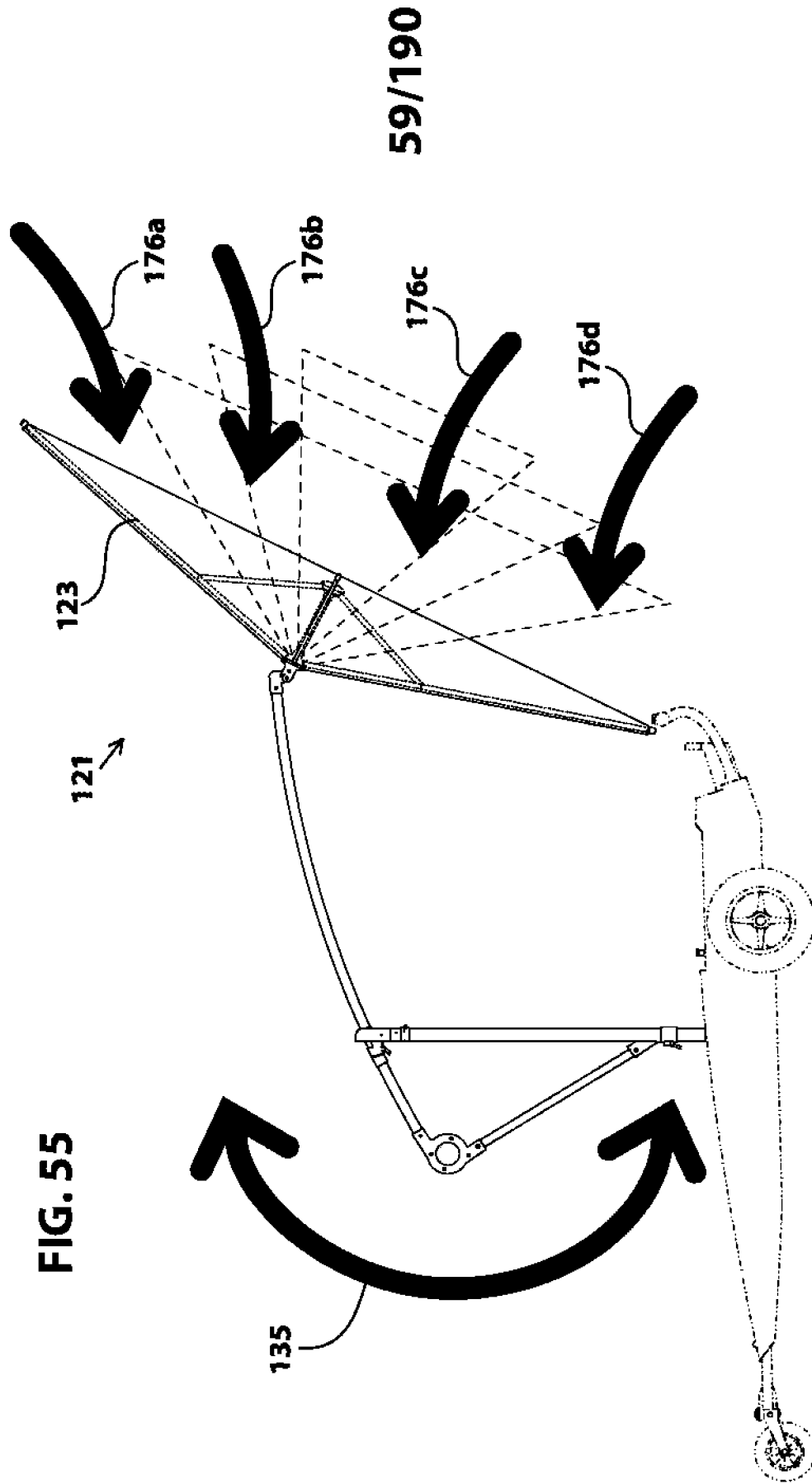


FIG. 54

58/190

FIG. 55



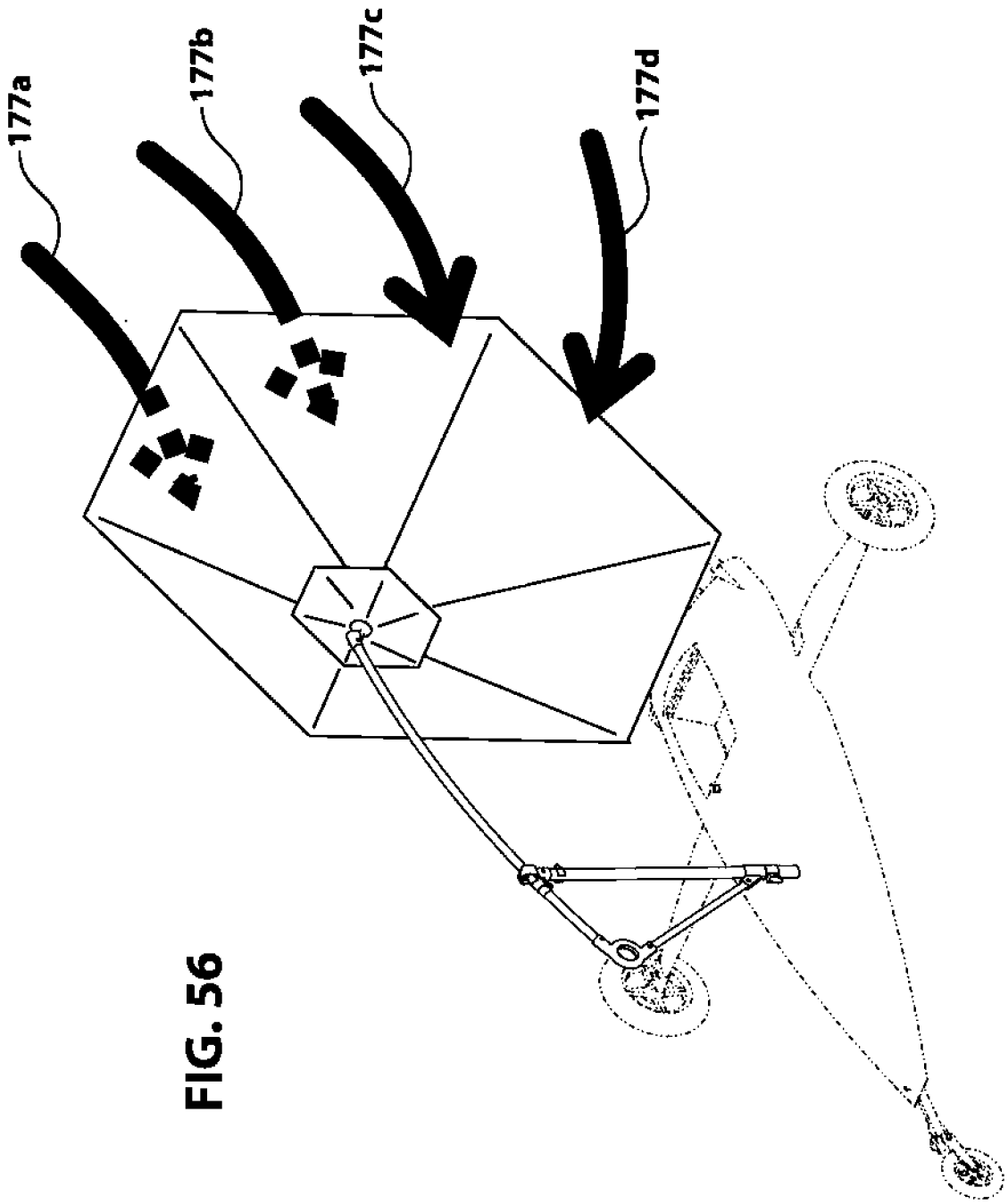
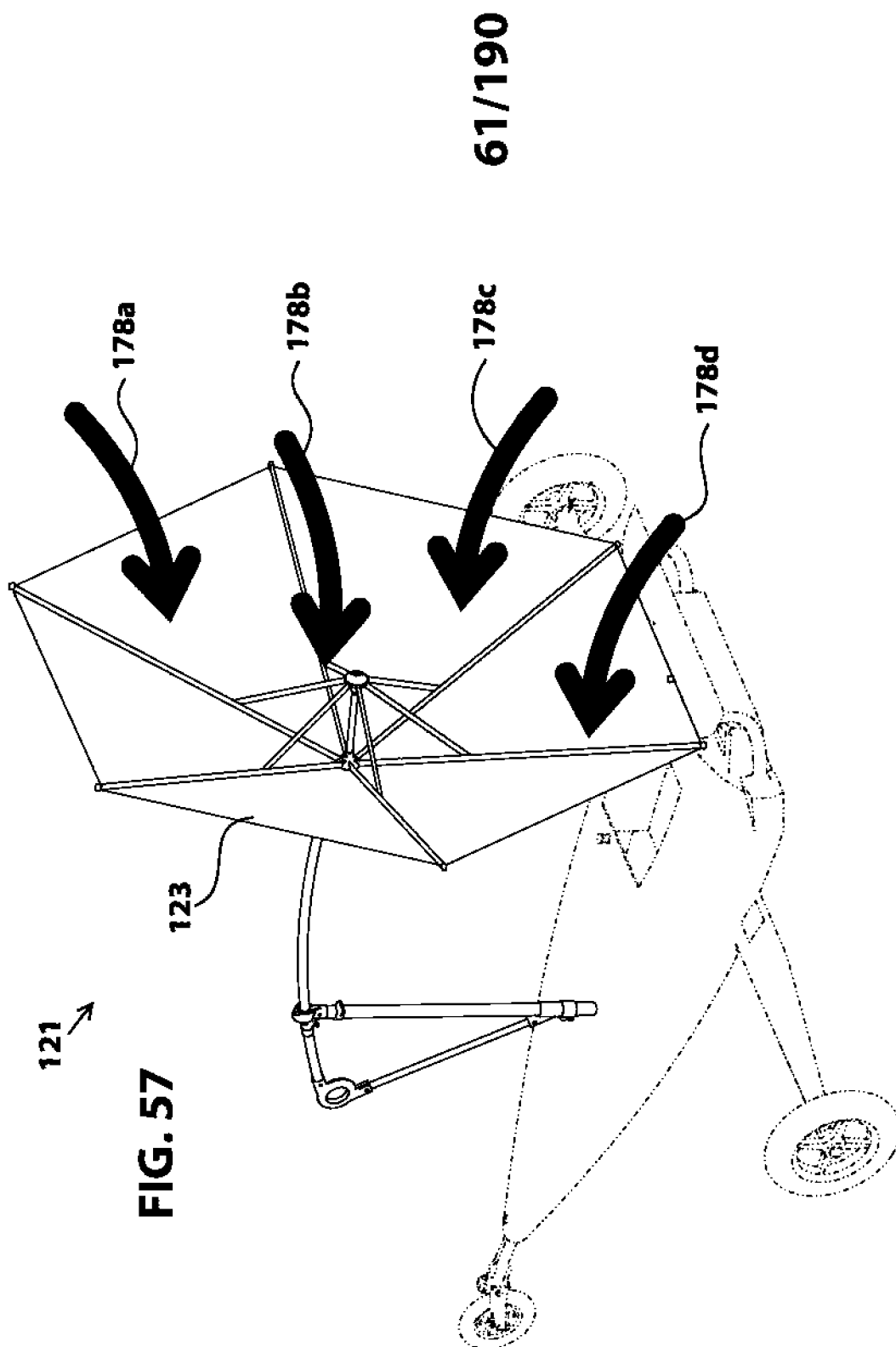
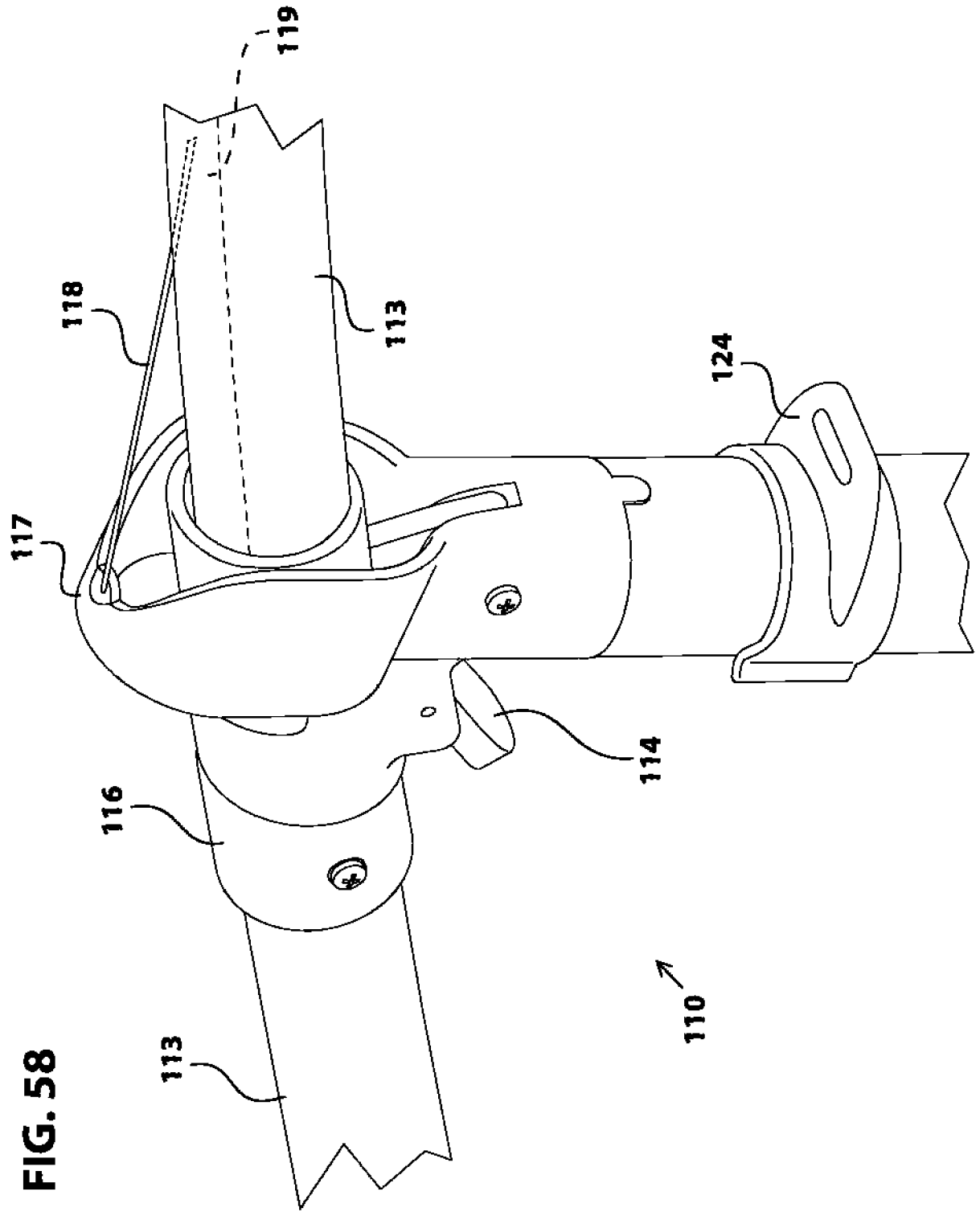


FIG. 56



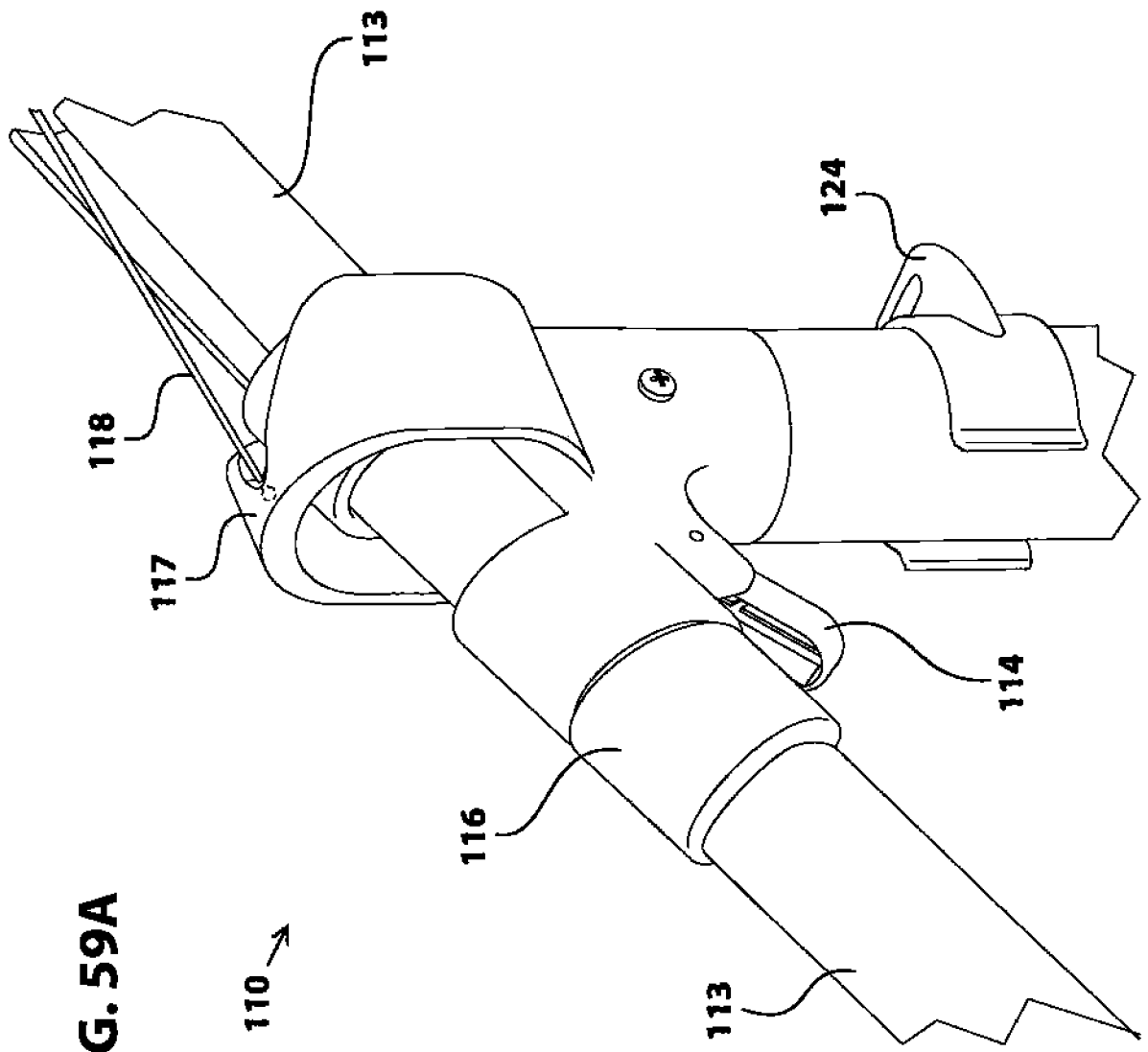
61/190

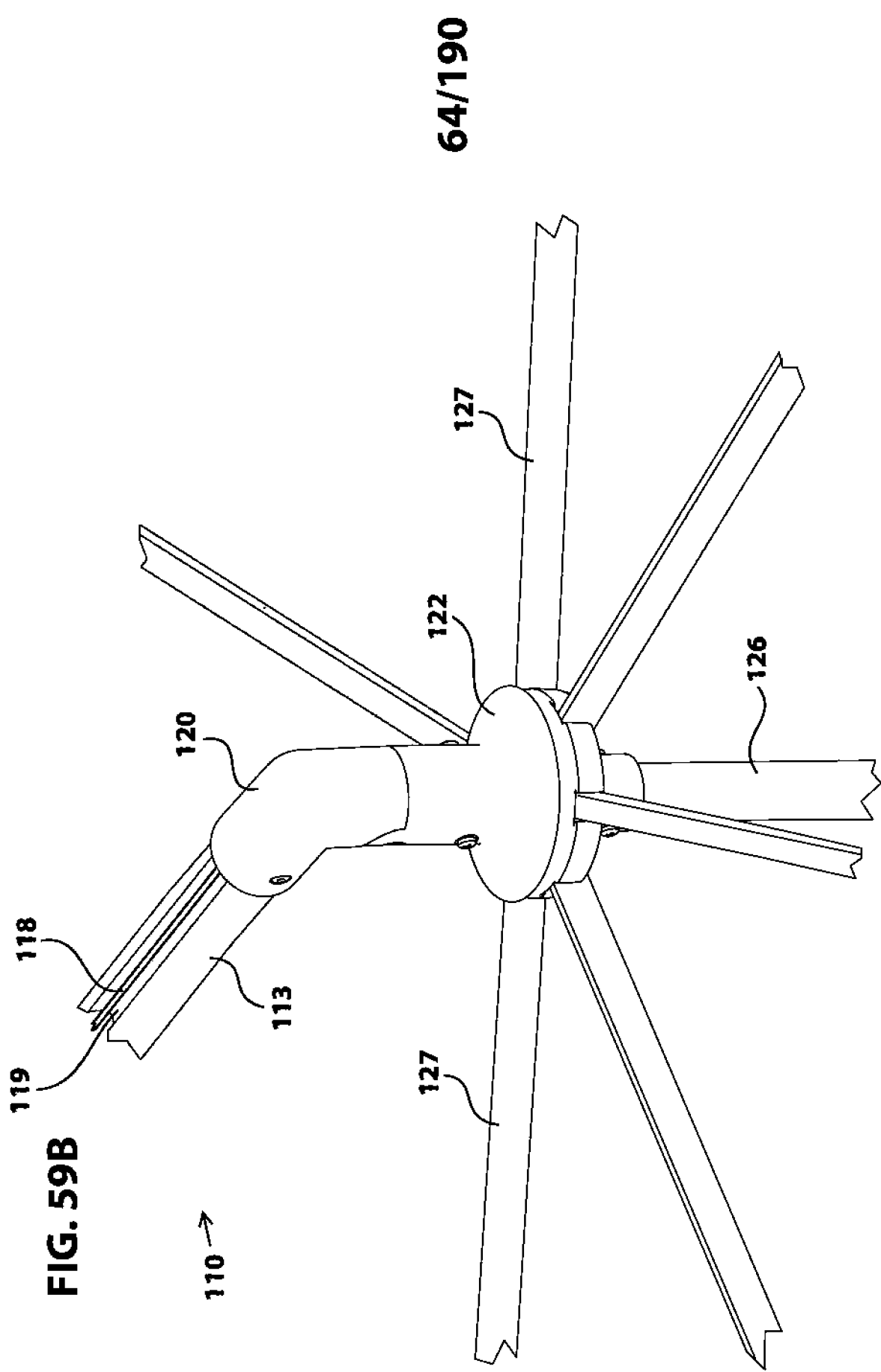
FIG. 58



62/190

FIG. 59A





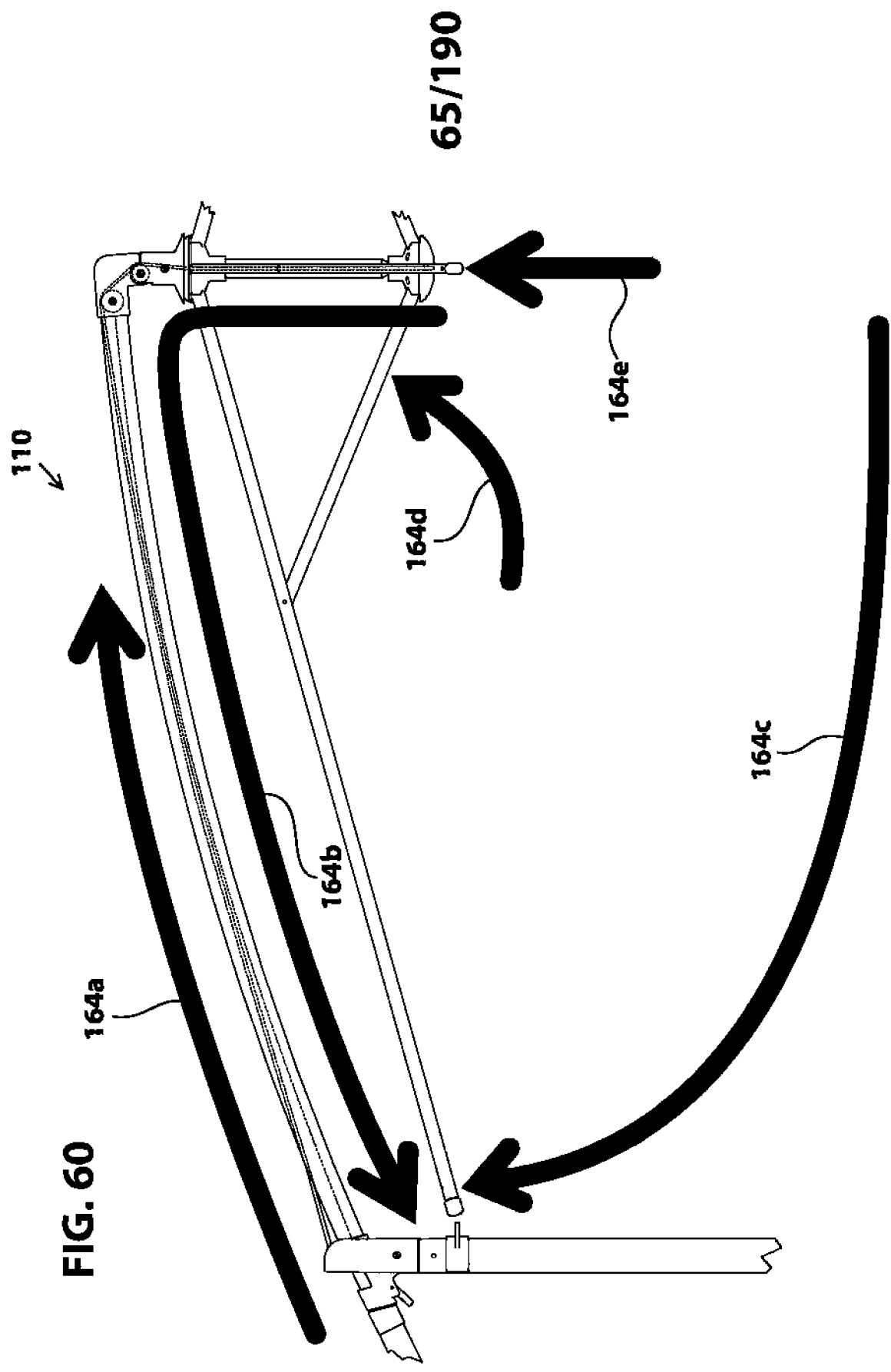


FIG. 60

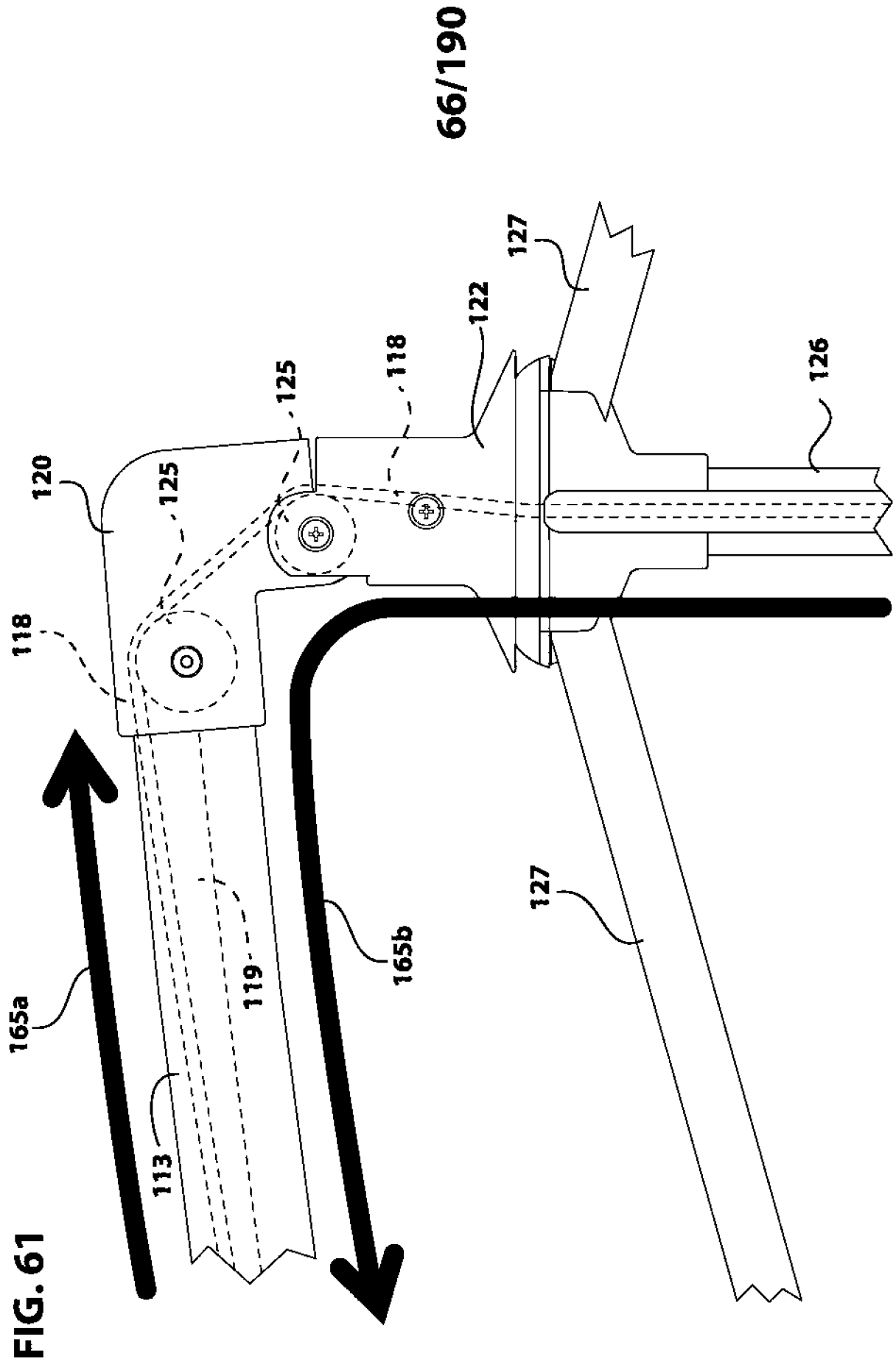
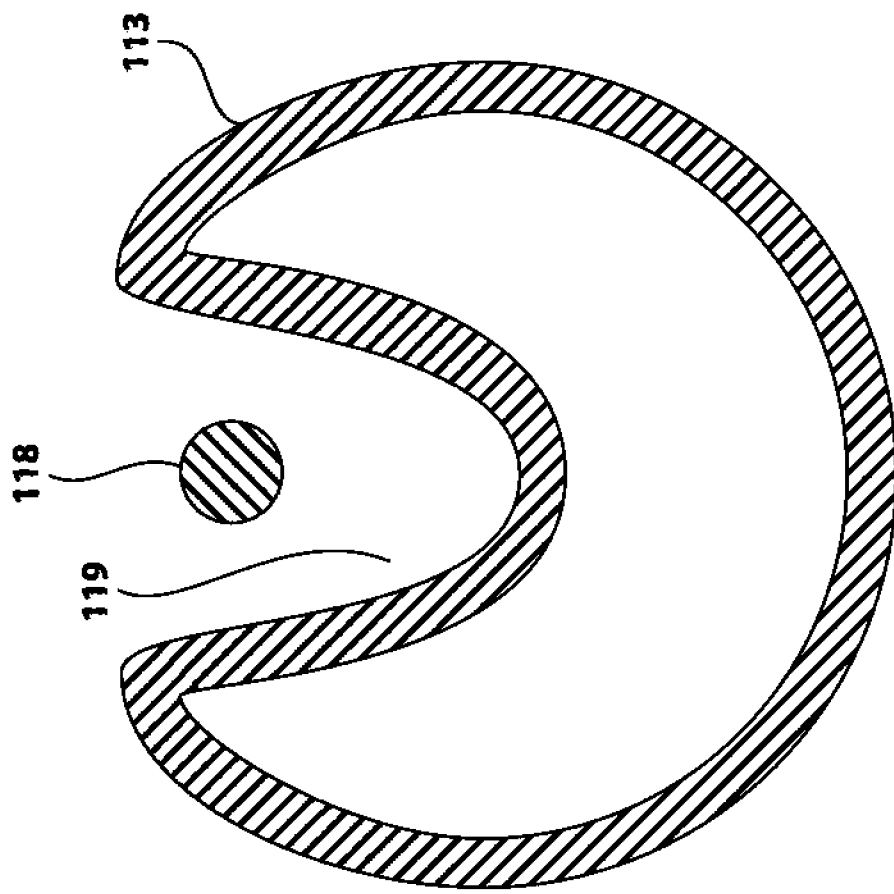
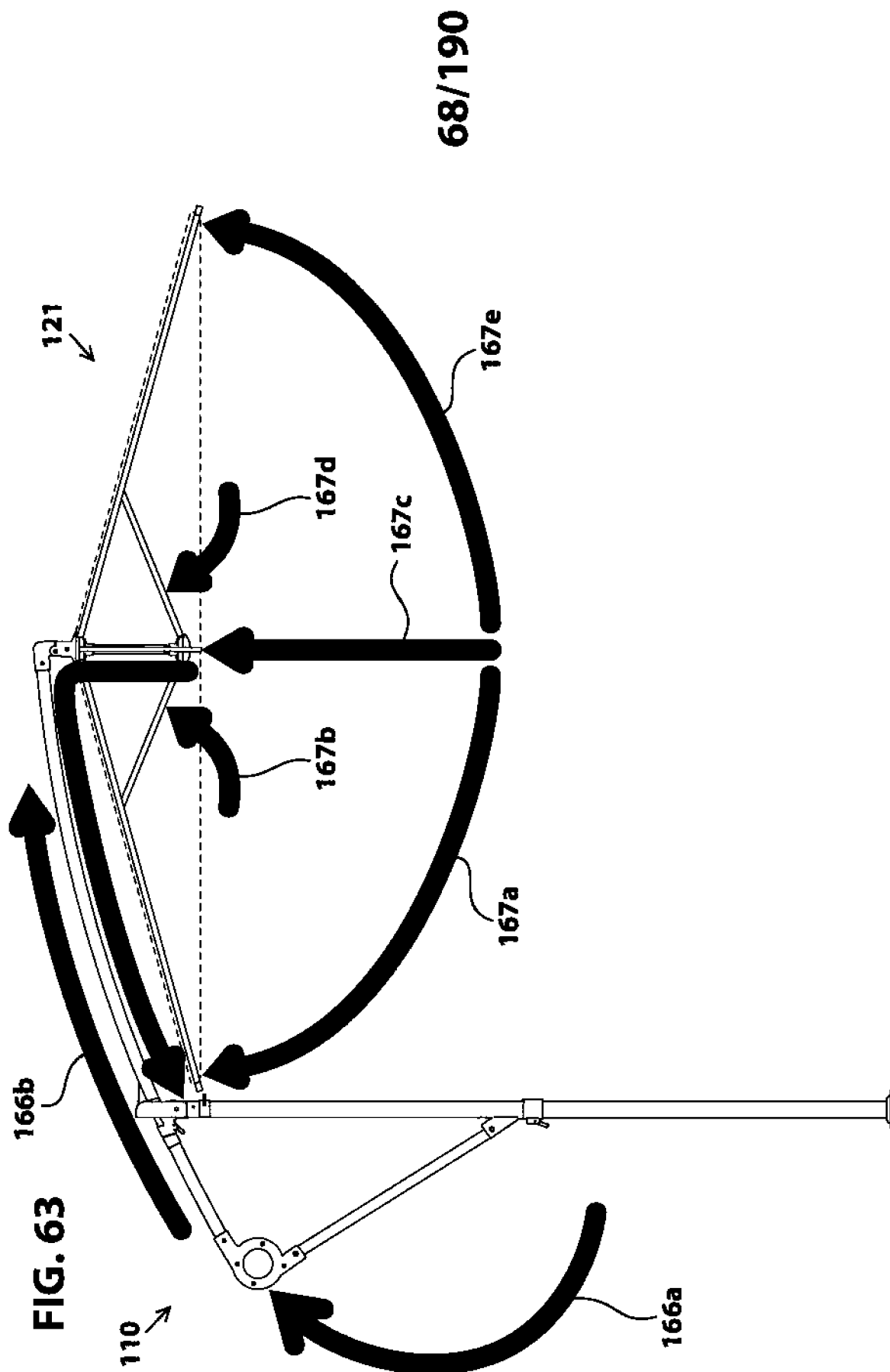
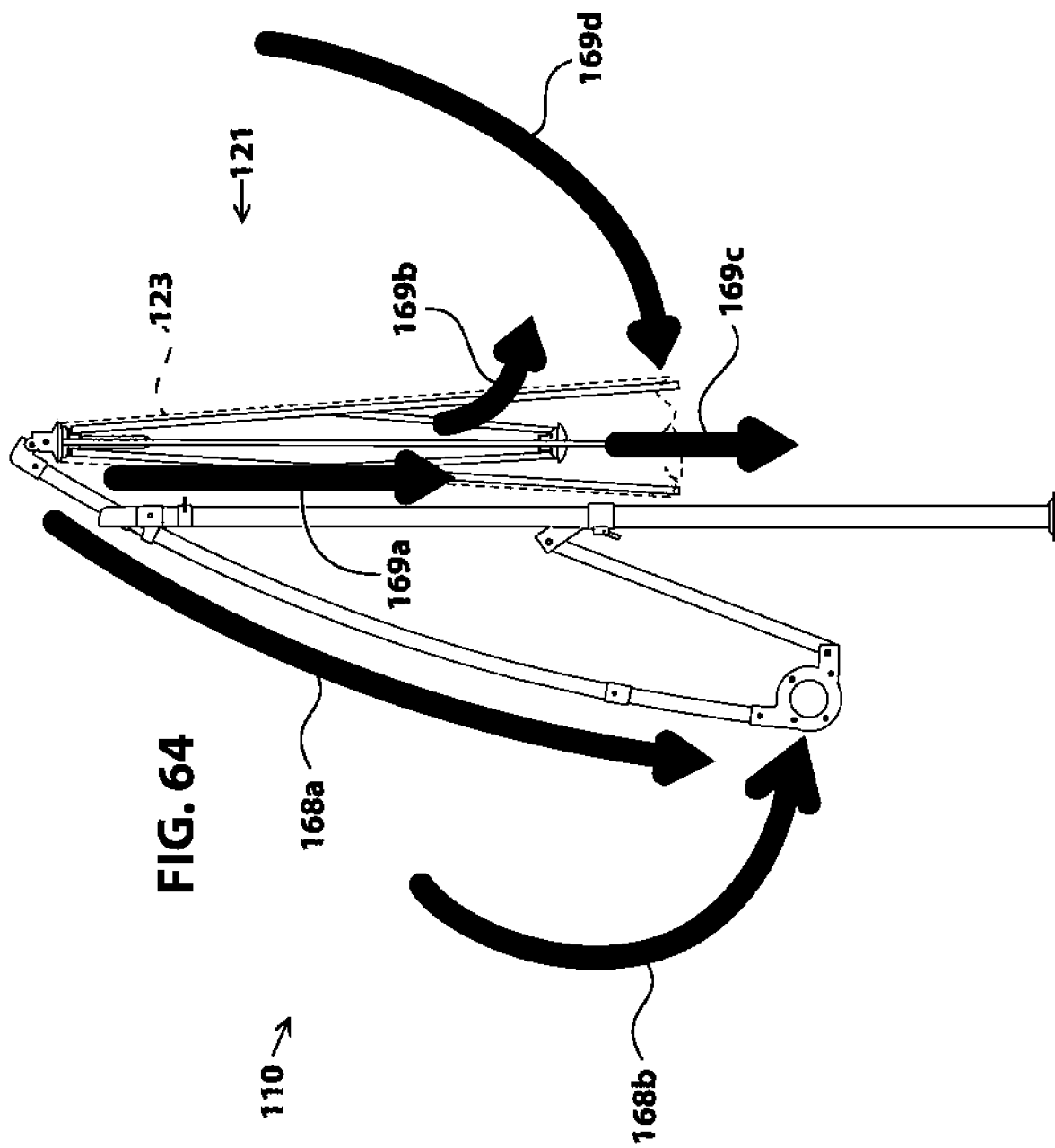


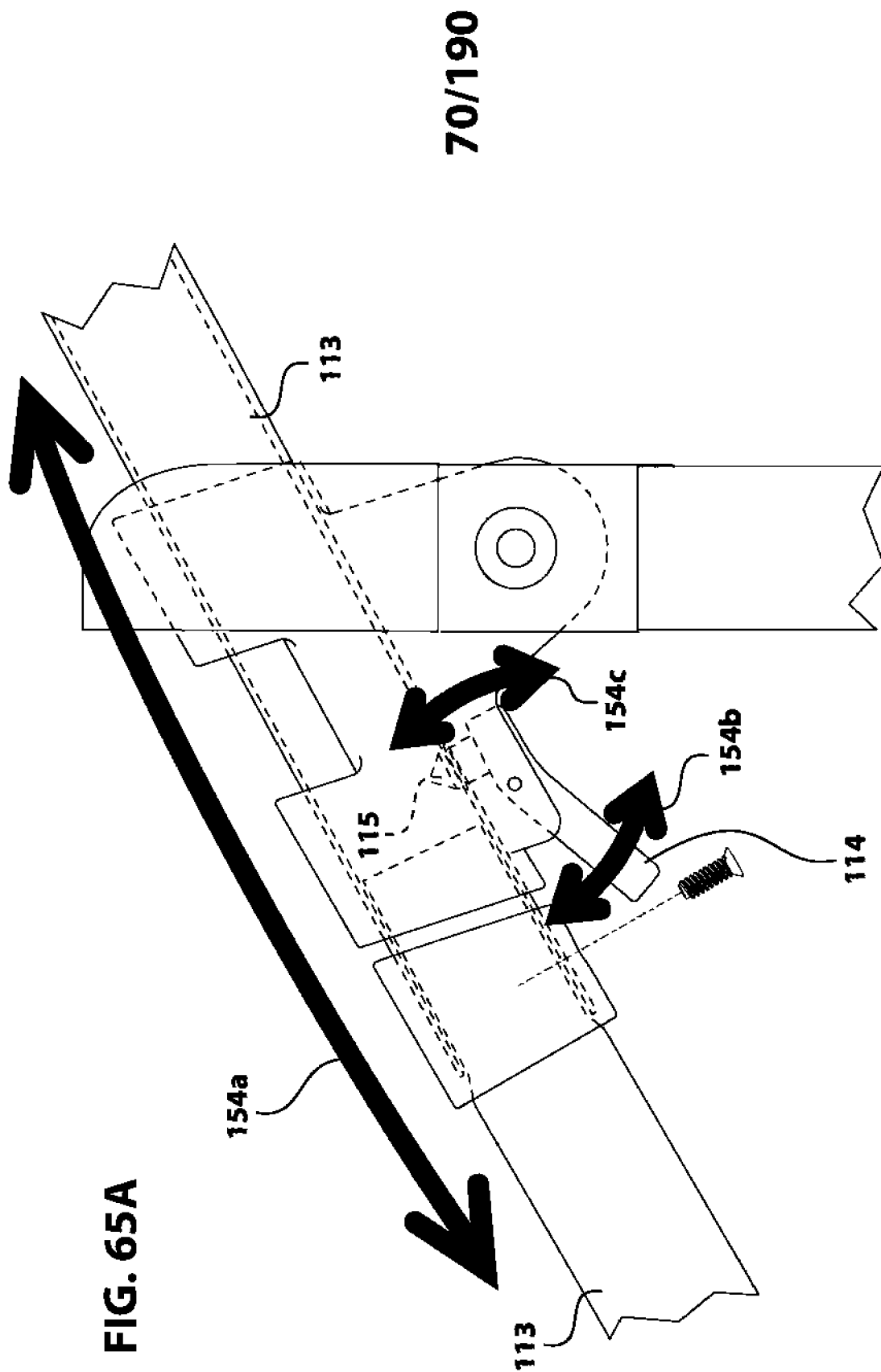
FIG. 62

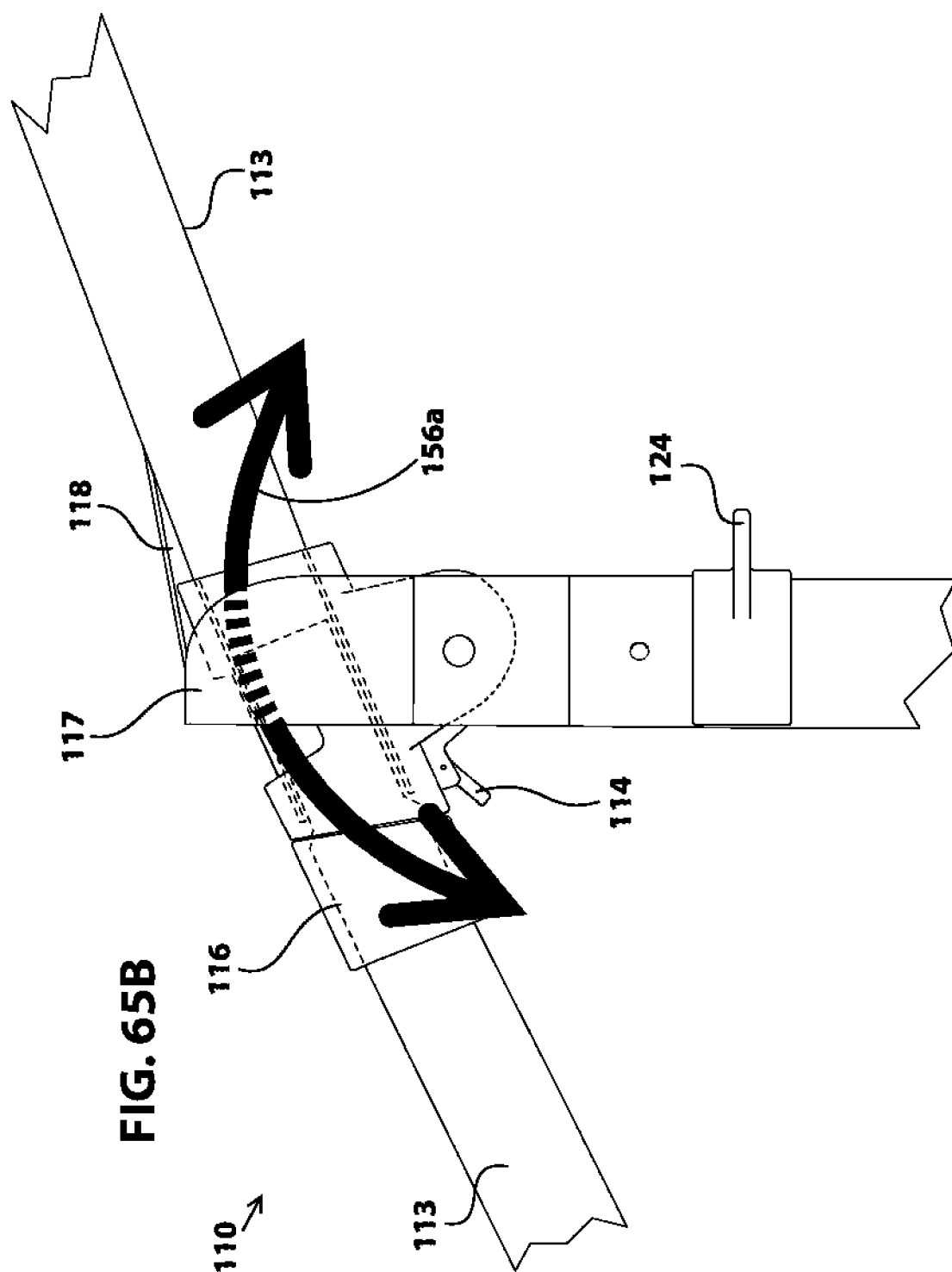


67/190

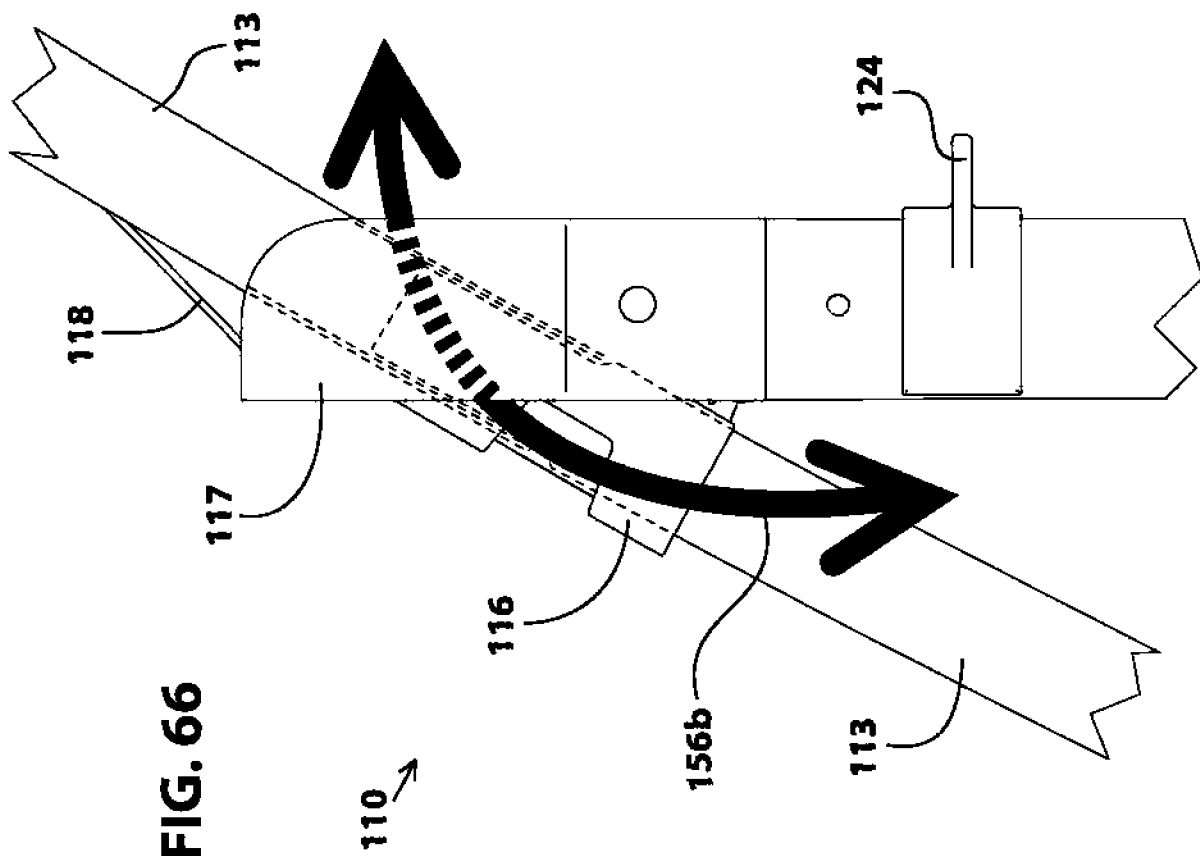


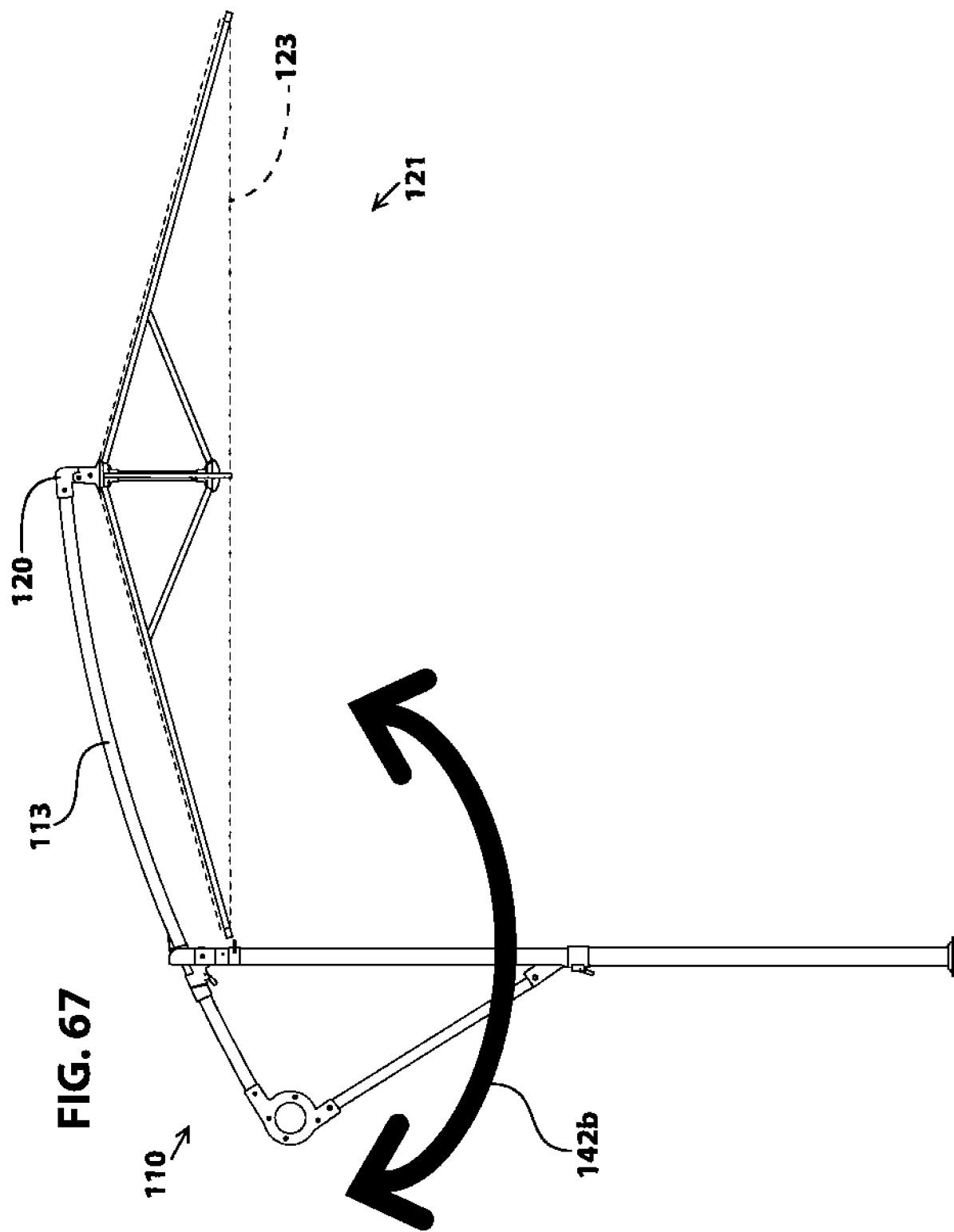


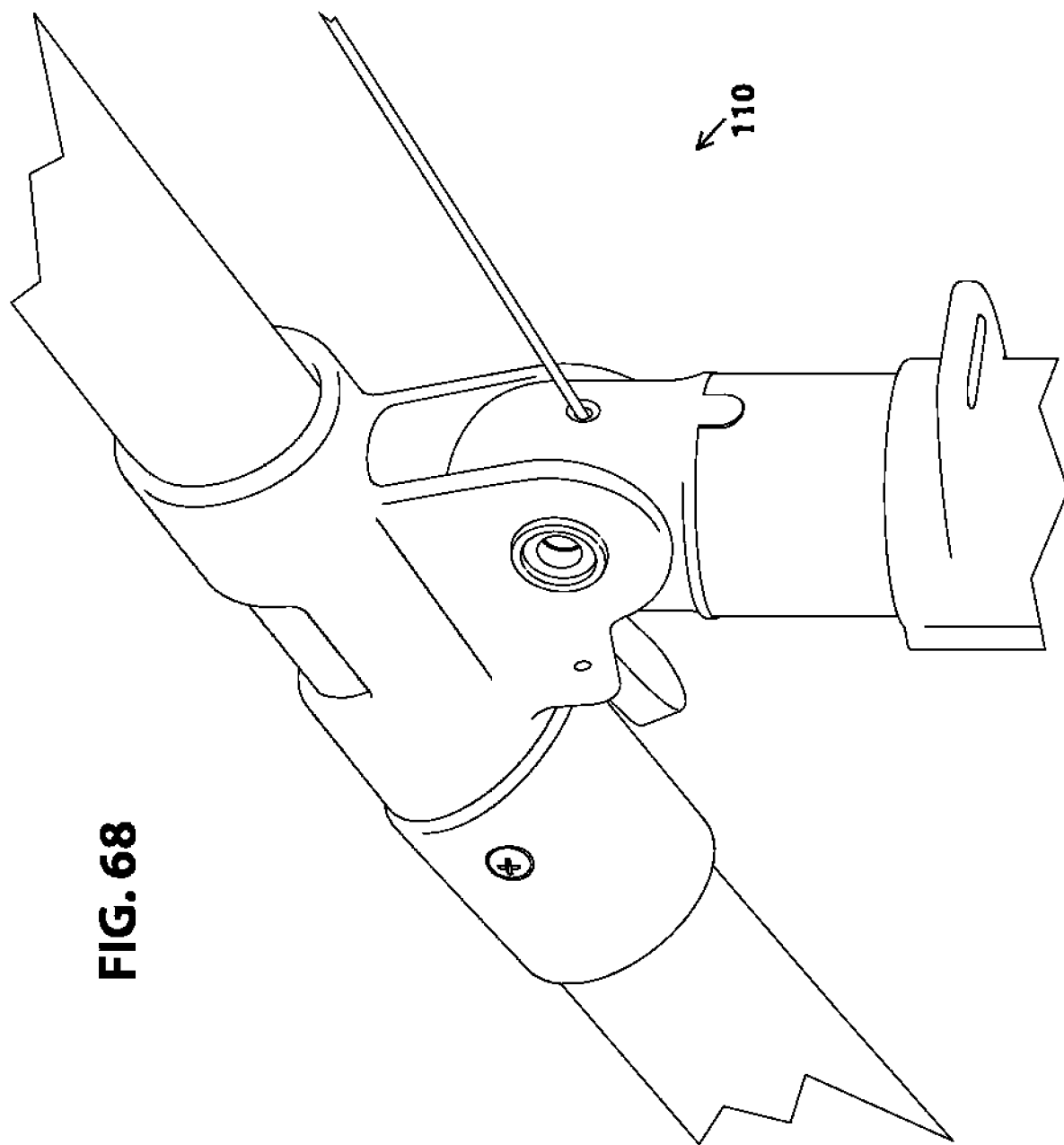




71/190







74/190

FIG. 68

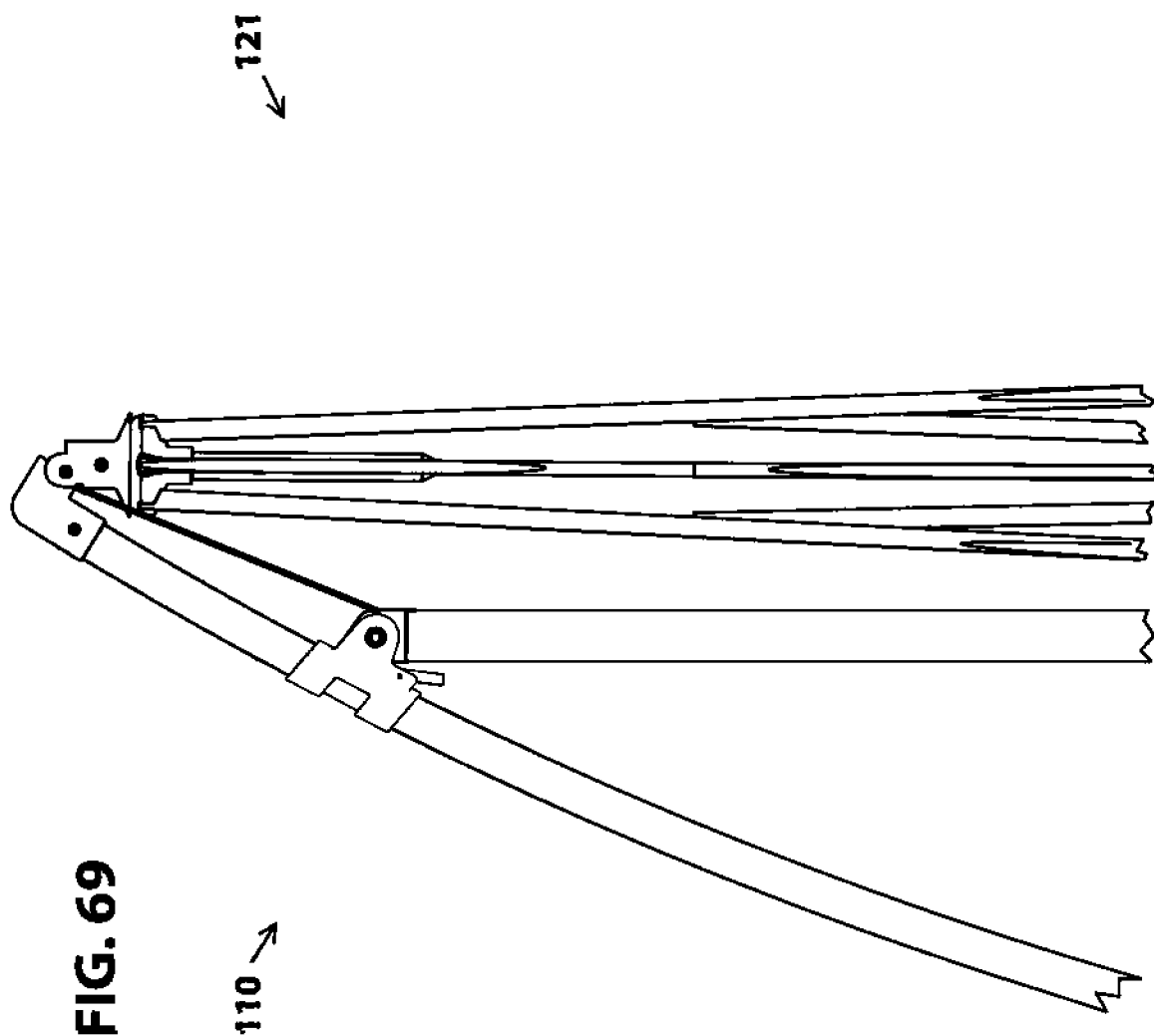
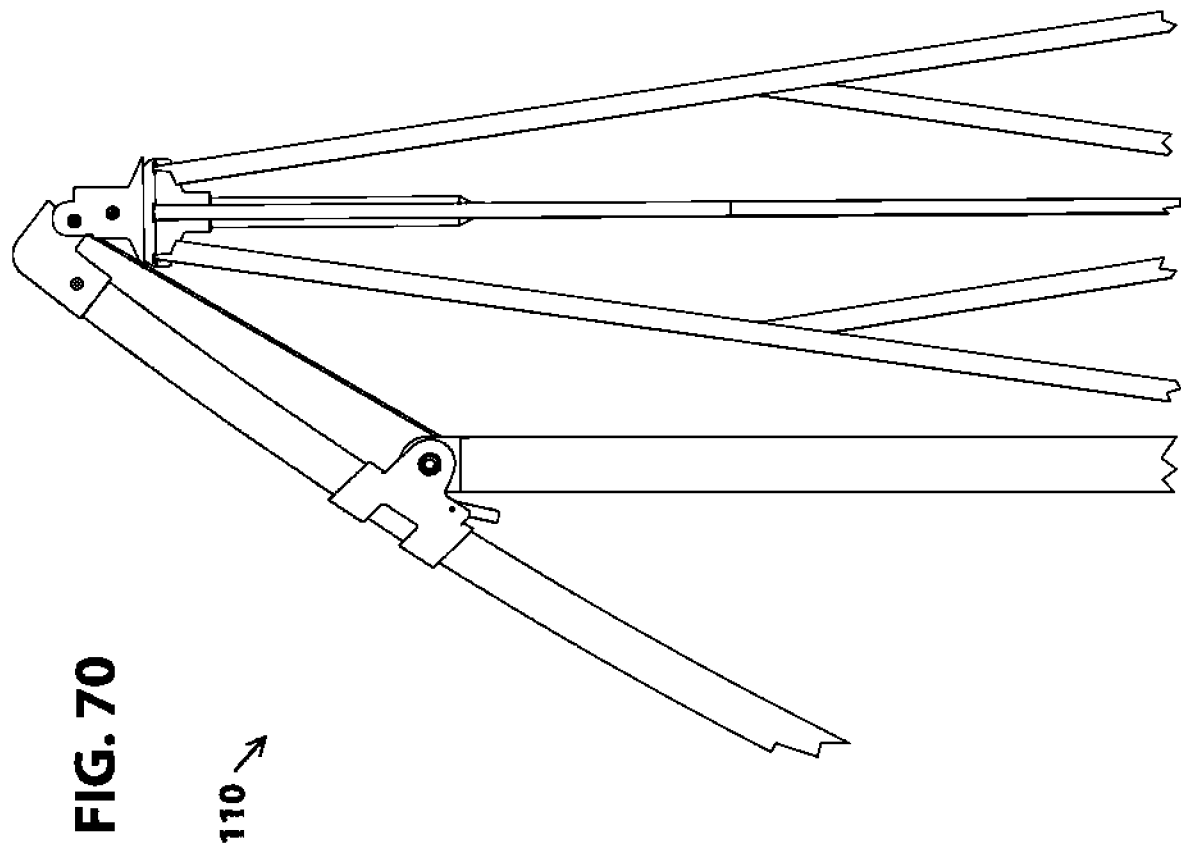


FIG. 69

75/190



76/190

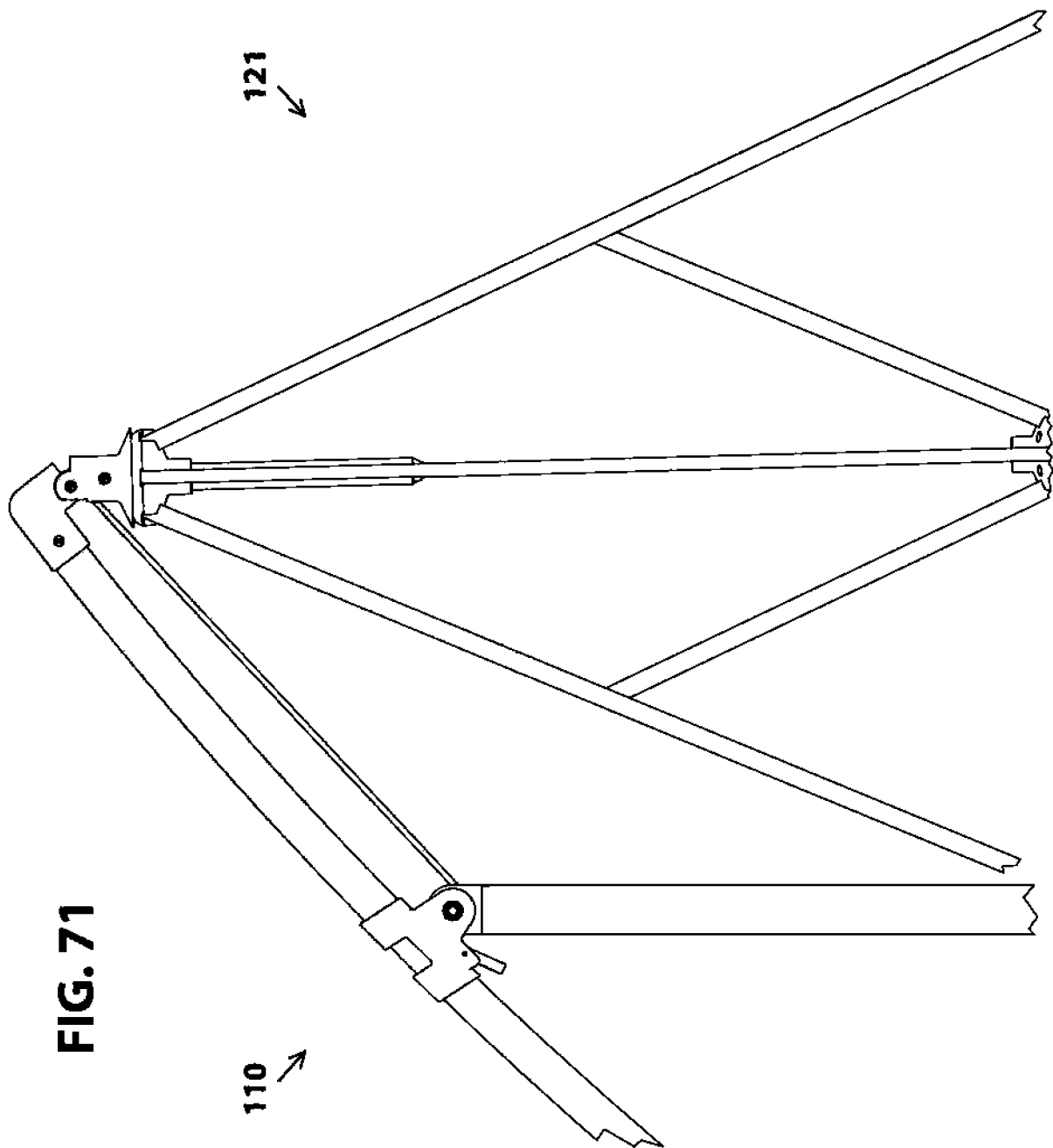


FIG. 71

FIG. 72

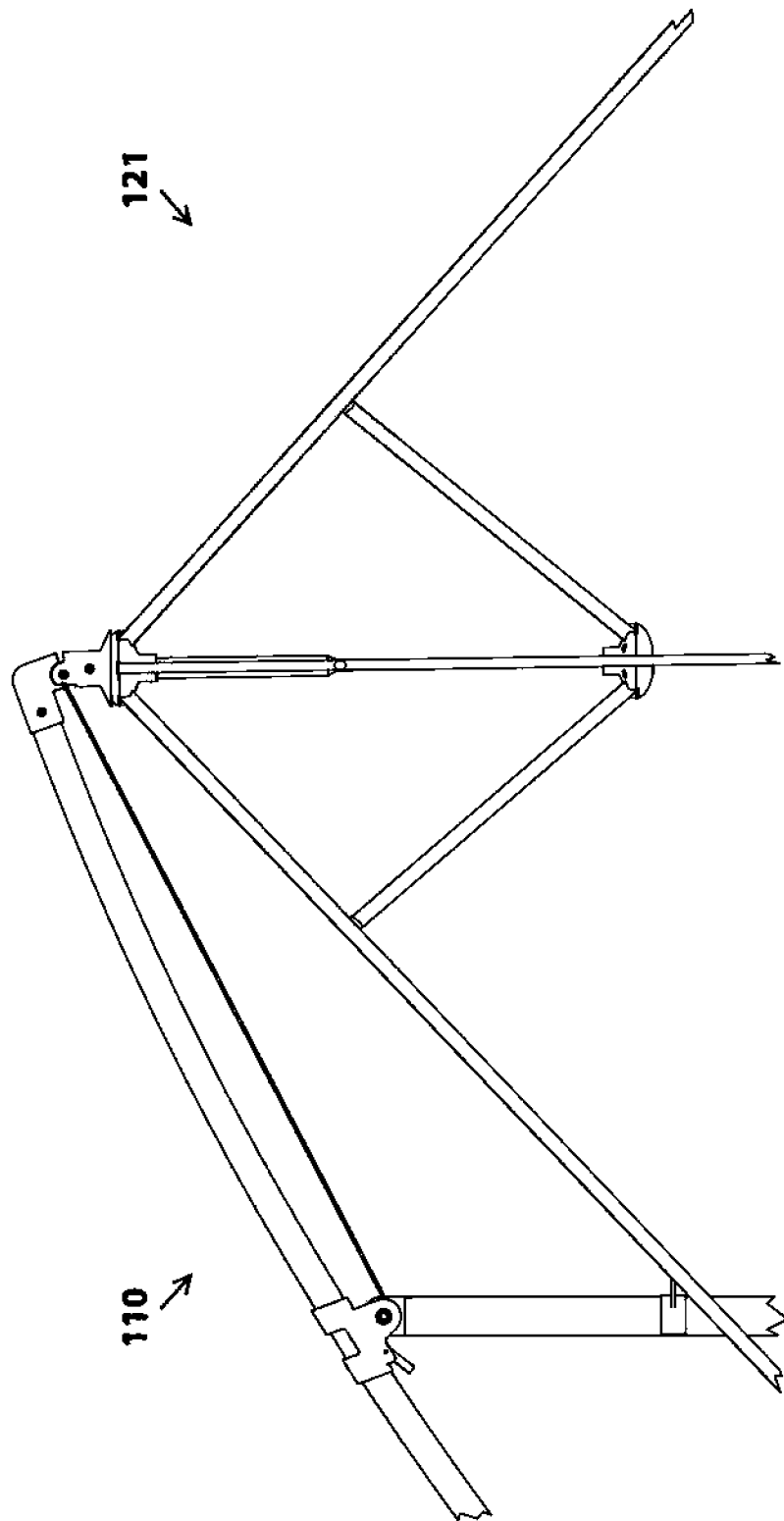


FIG. 73

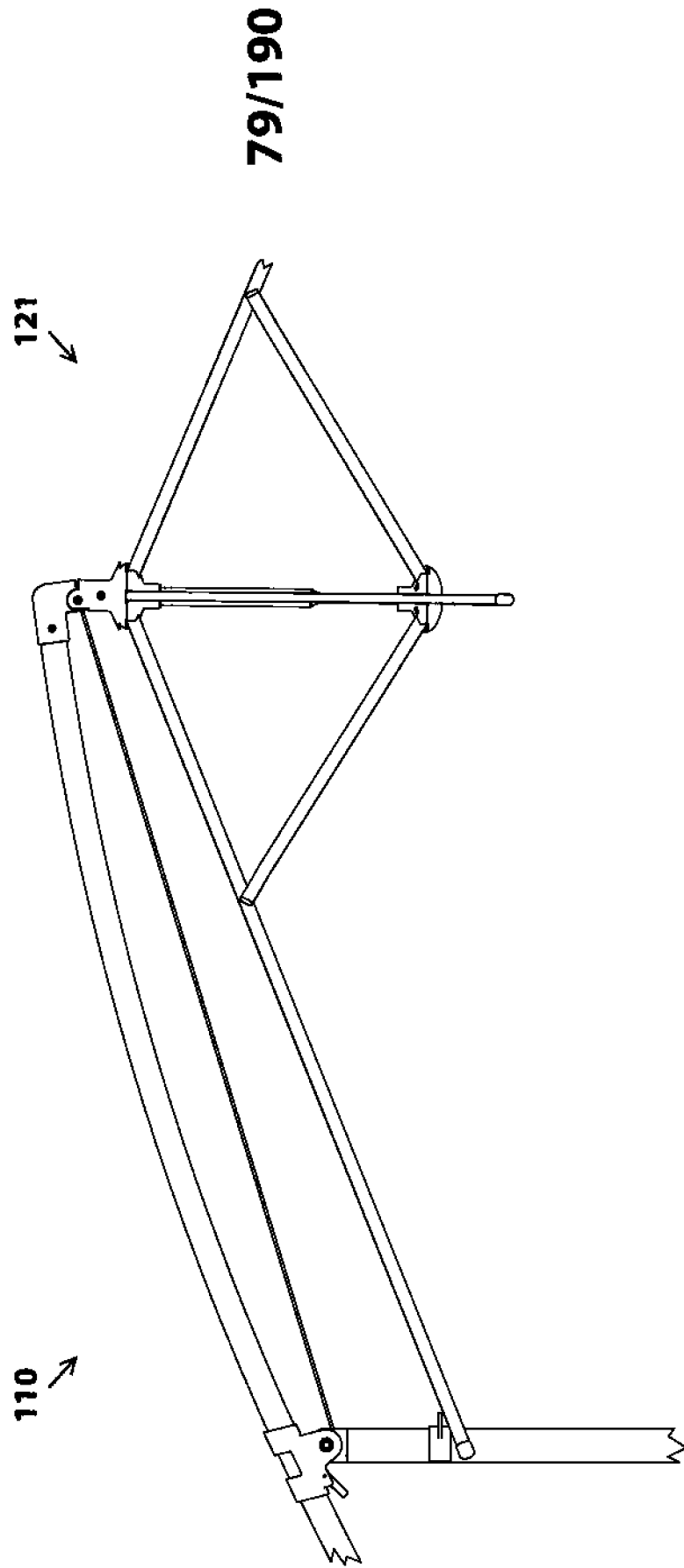
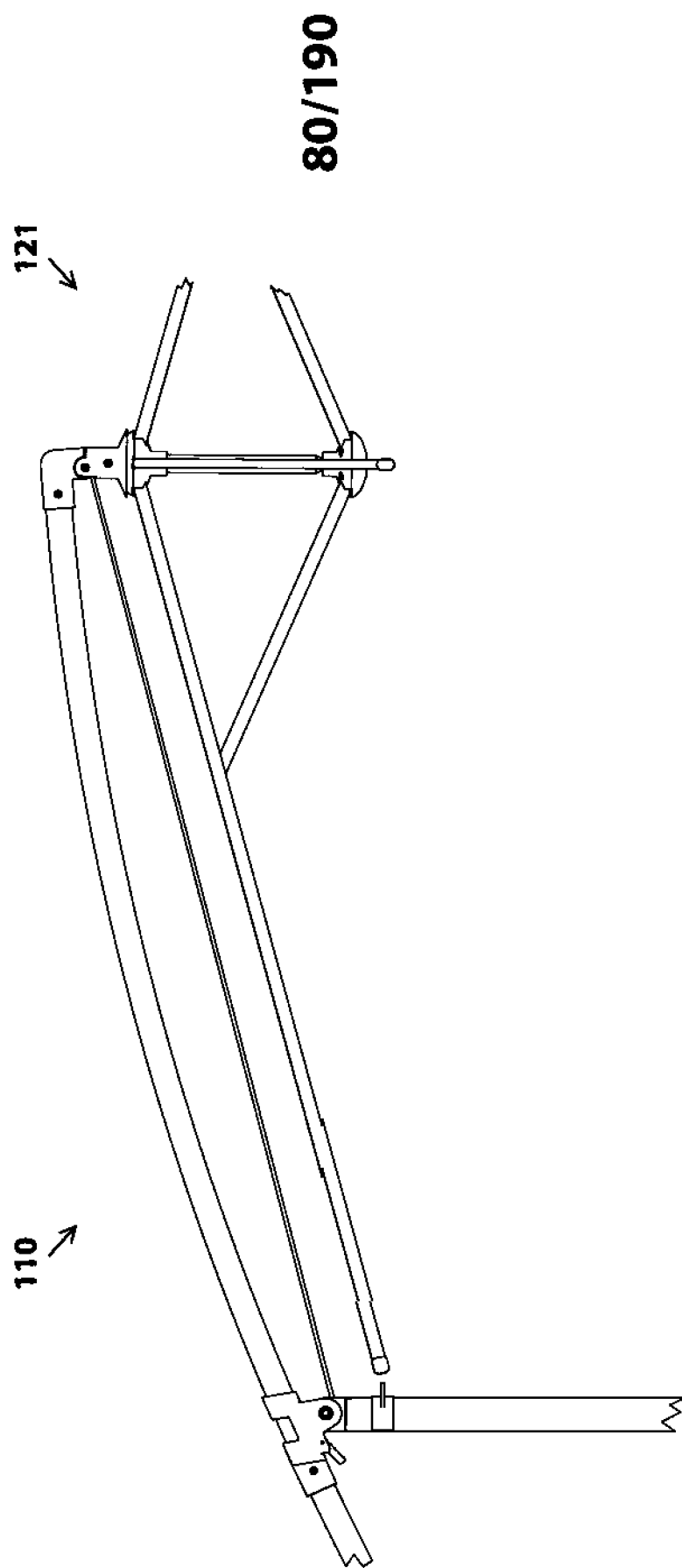
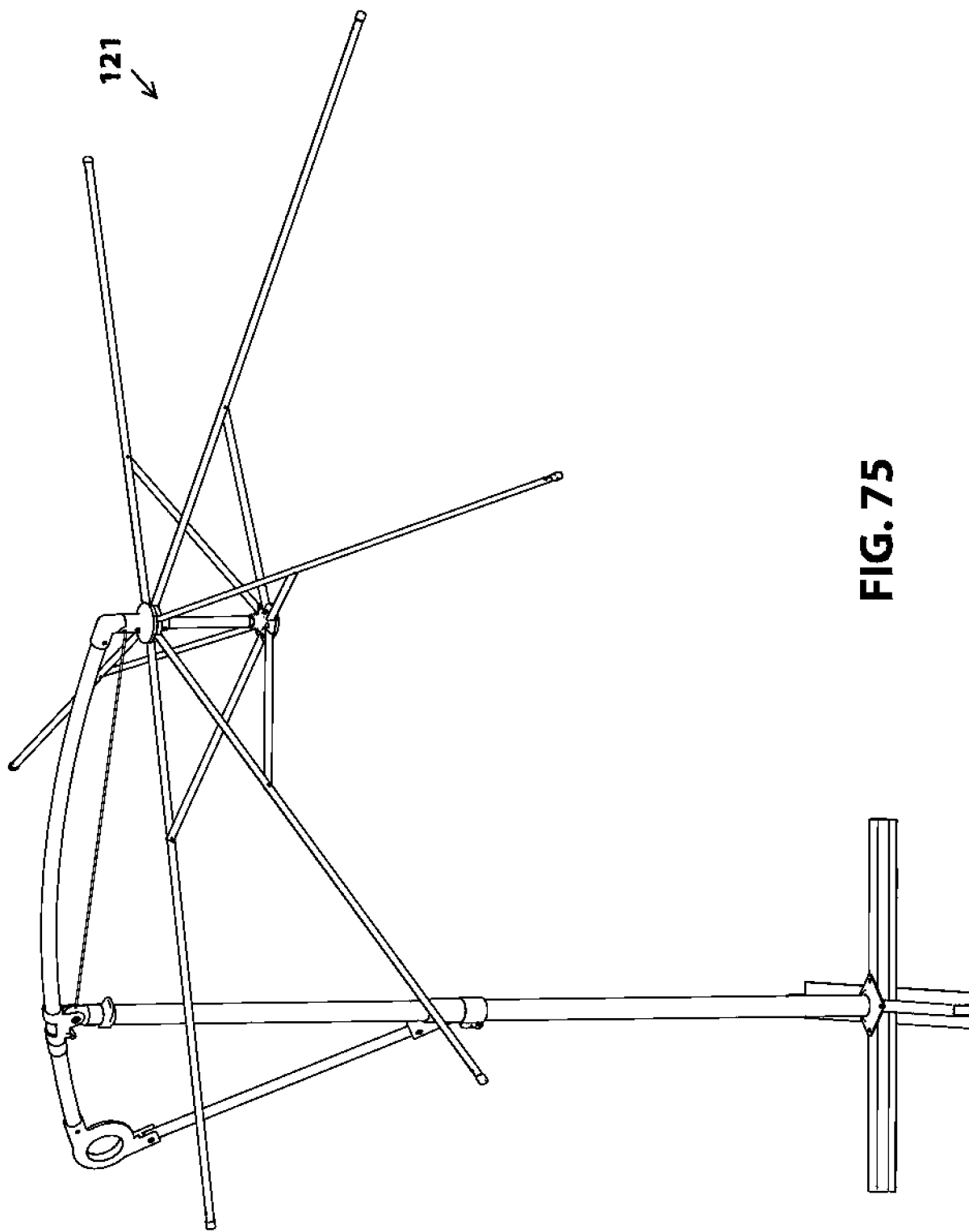


FIG. 74

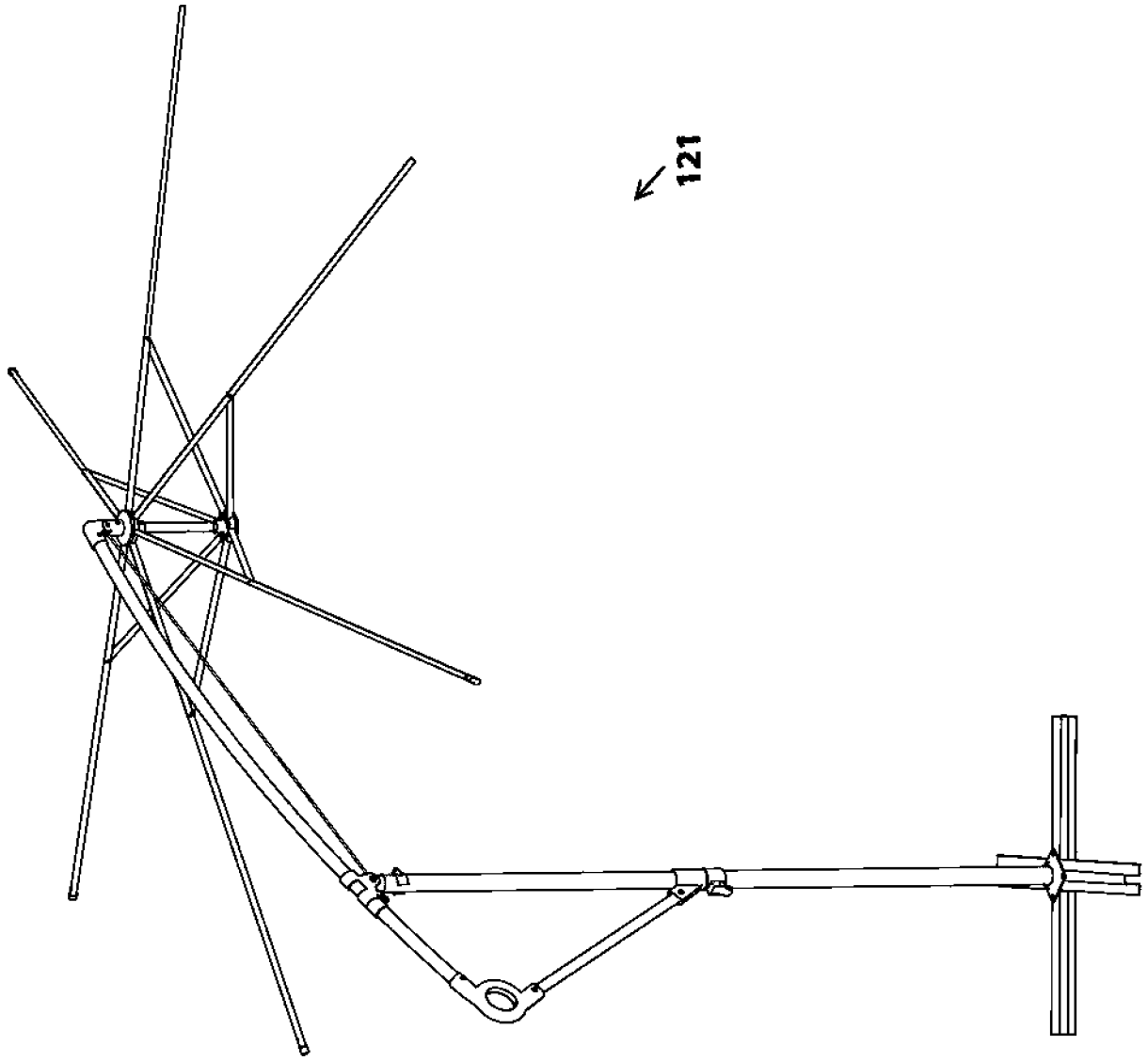




81/190

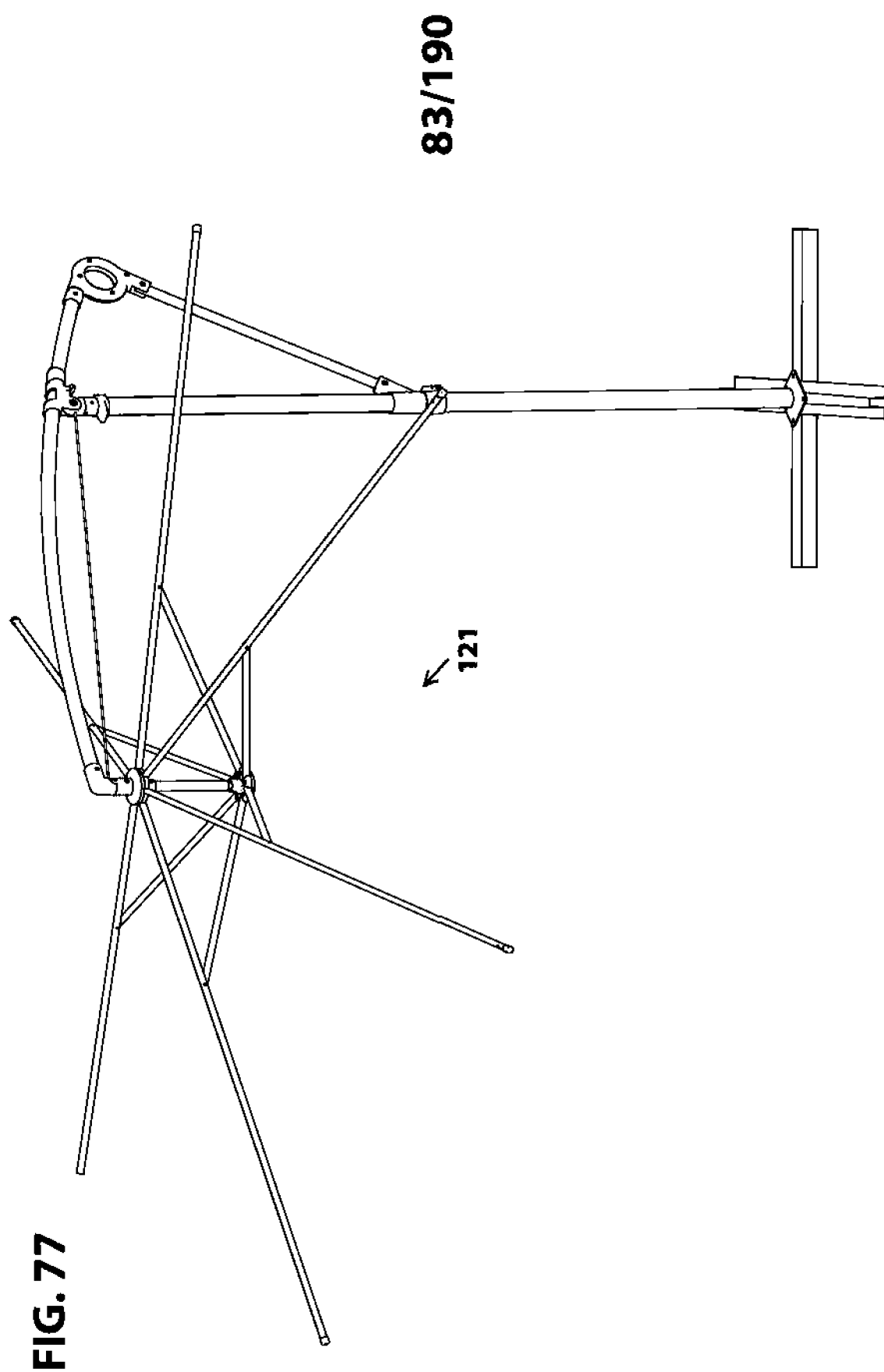
FIG. 75

FIG. 76

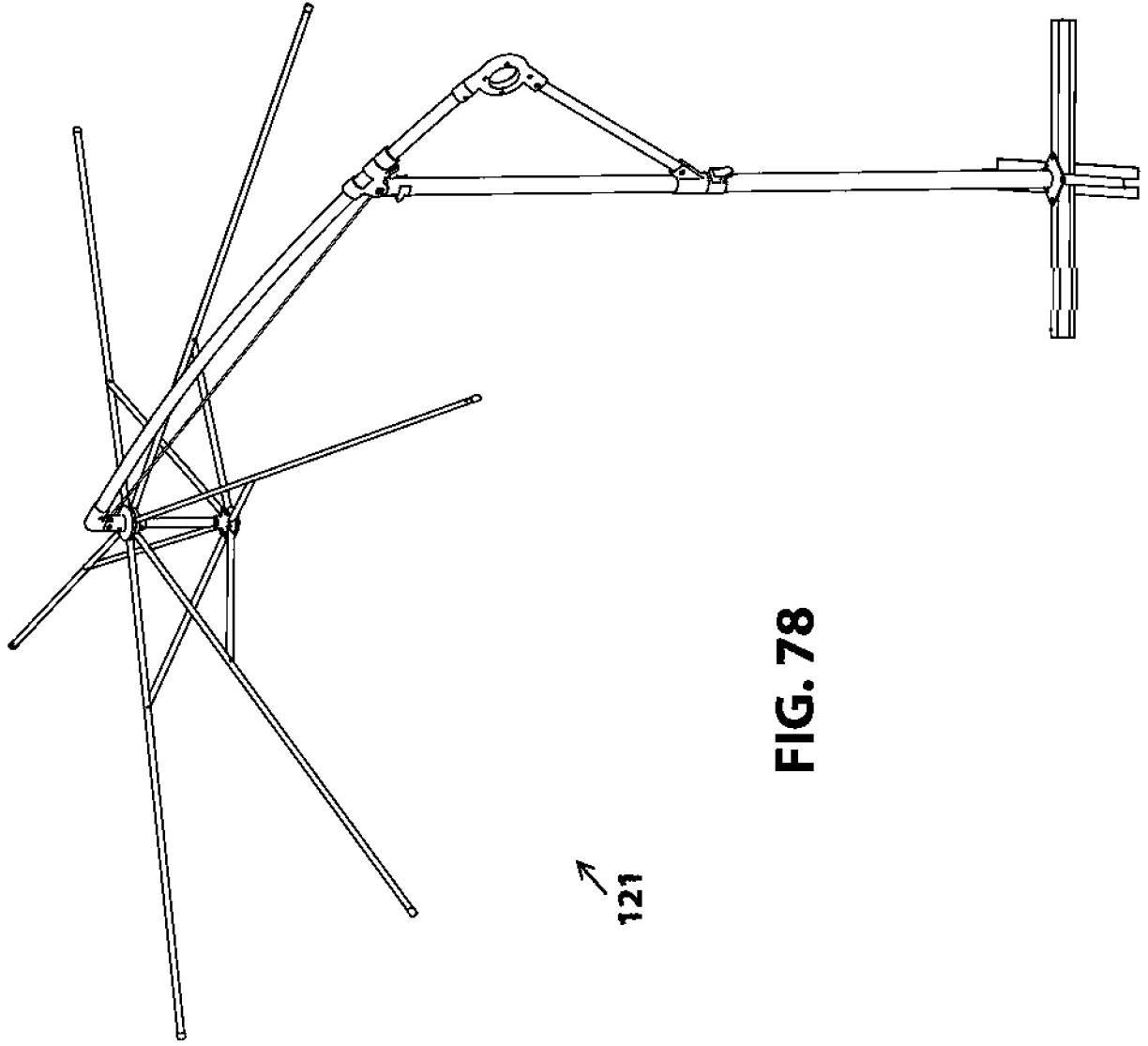


82/190

121



84/190



85/190

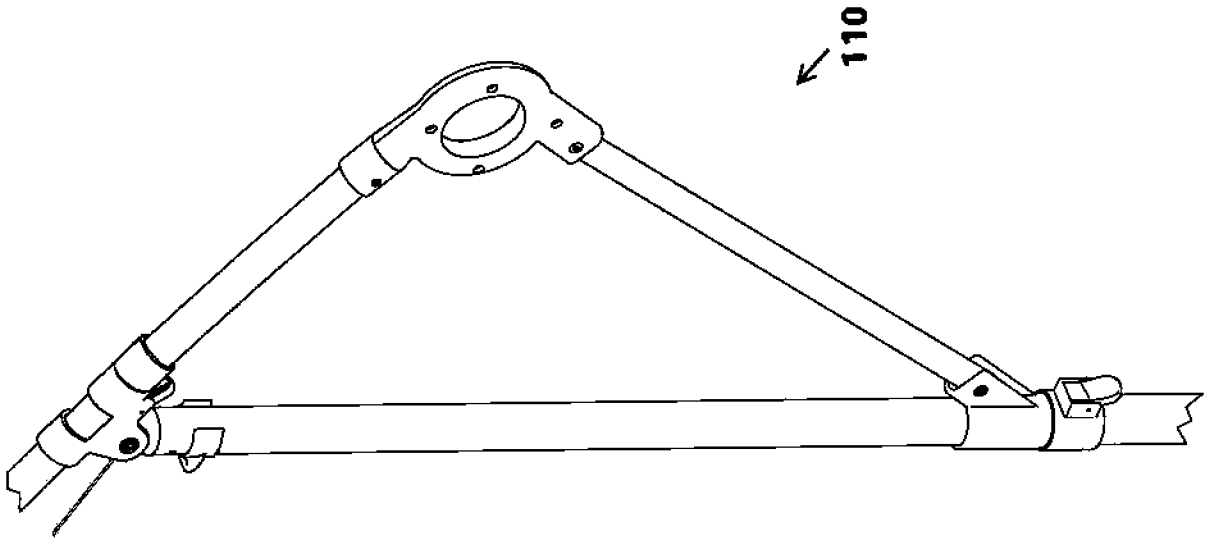


FIG. 79

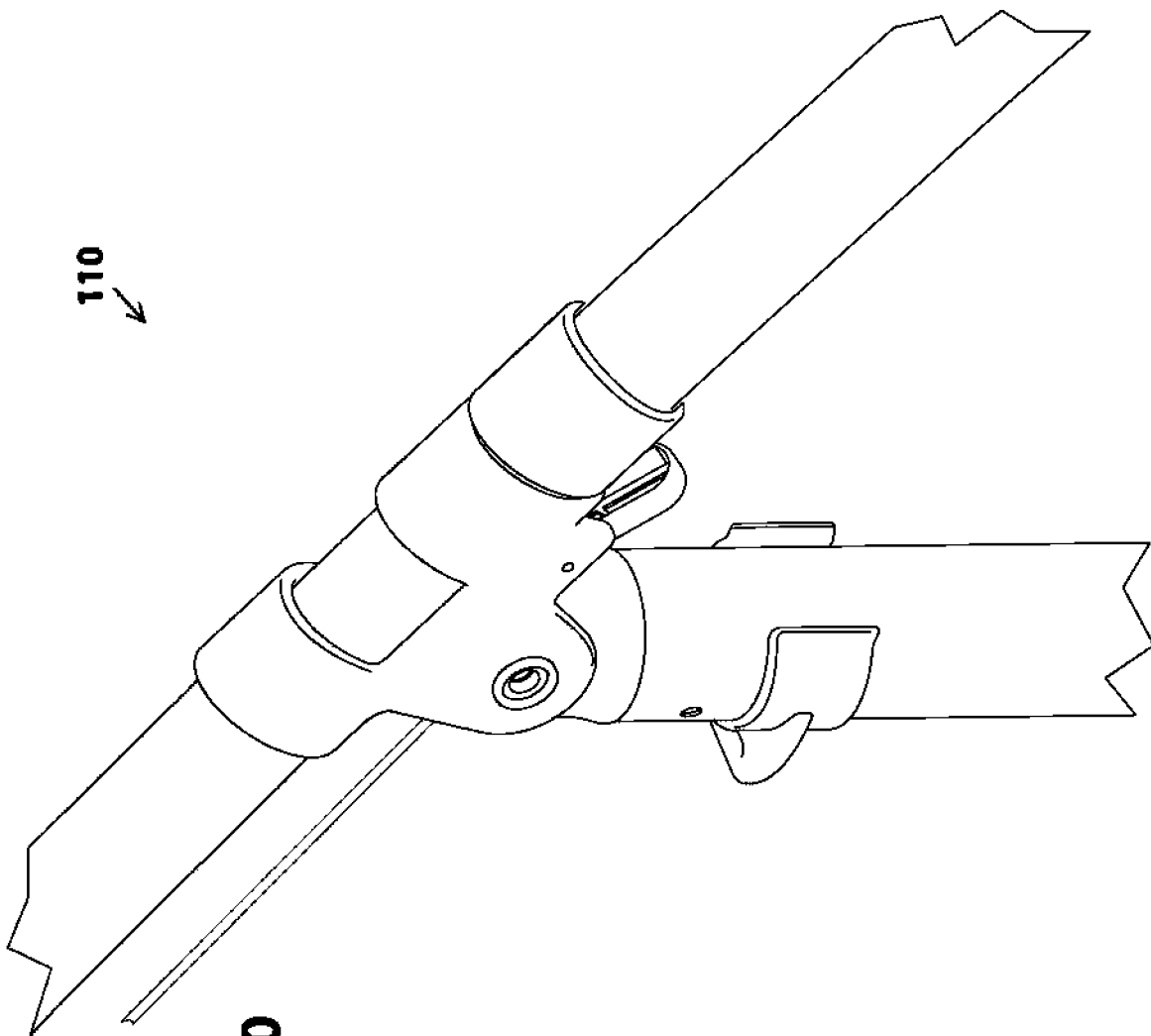
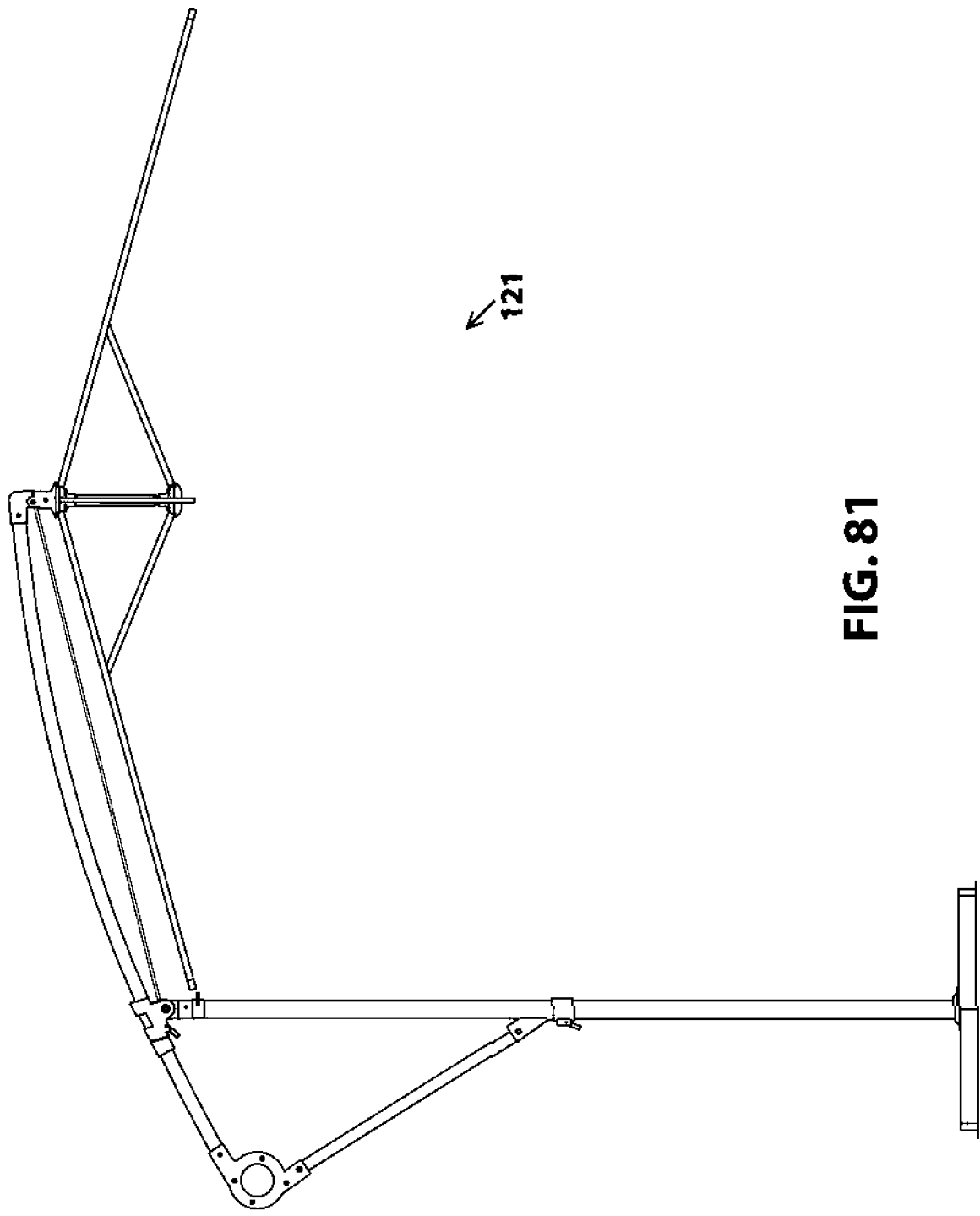


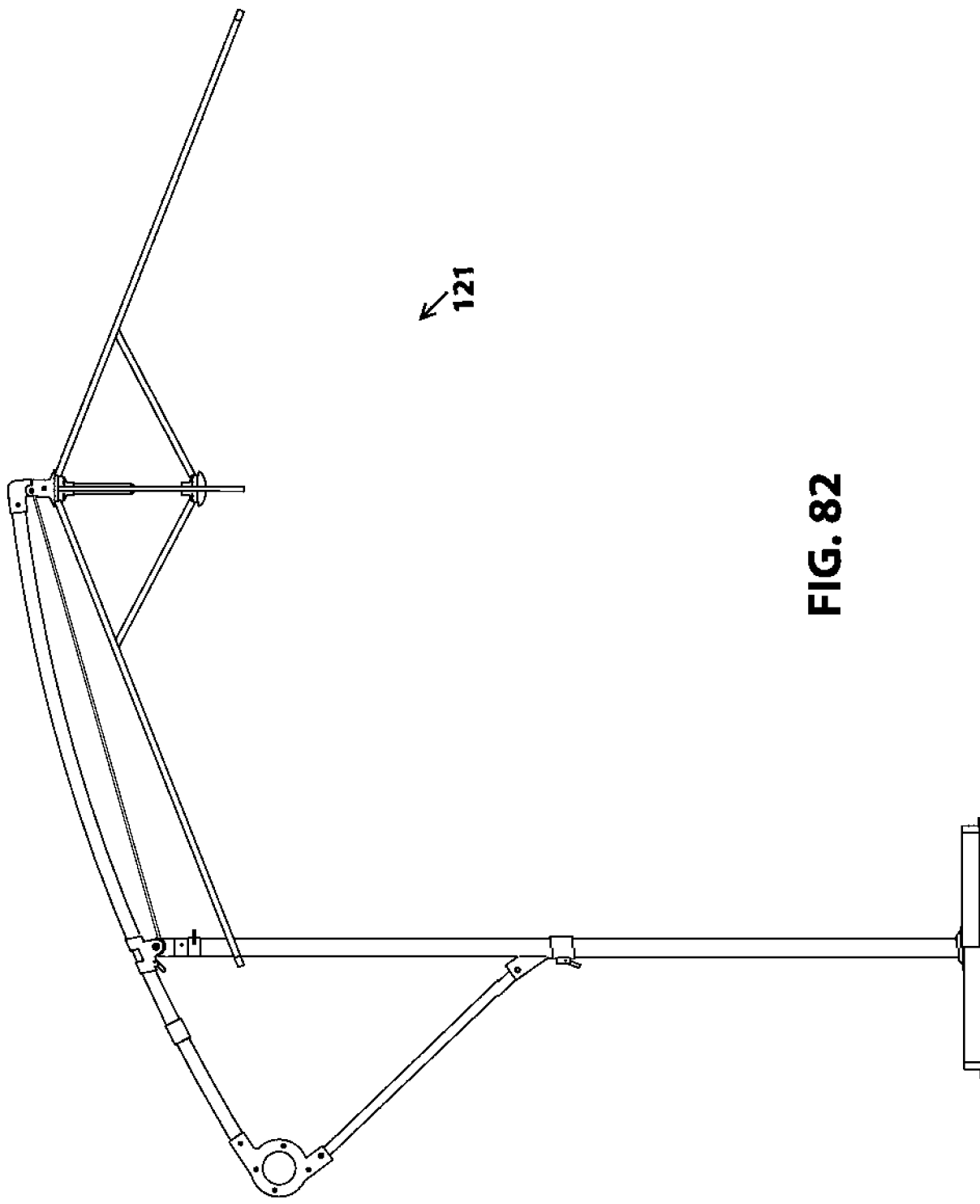
FIG. 80



87/190

121

FIG. 81

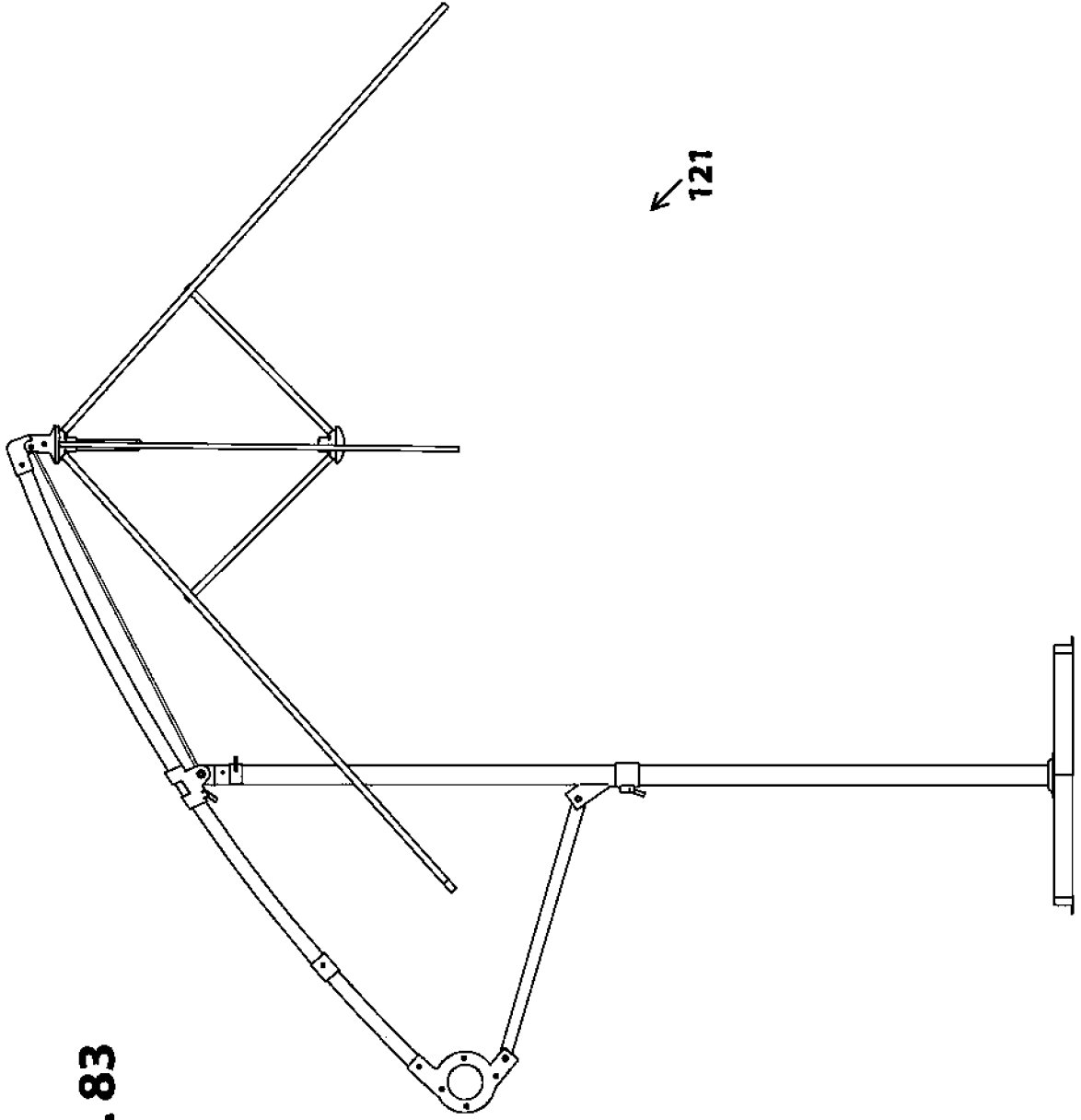


88/190

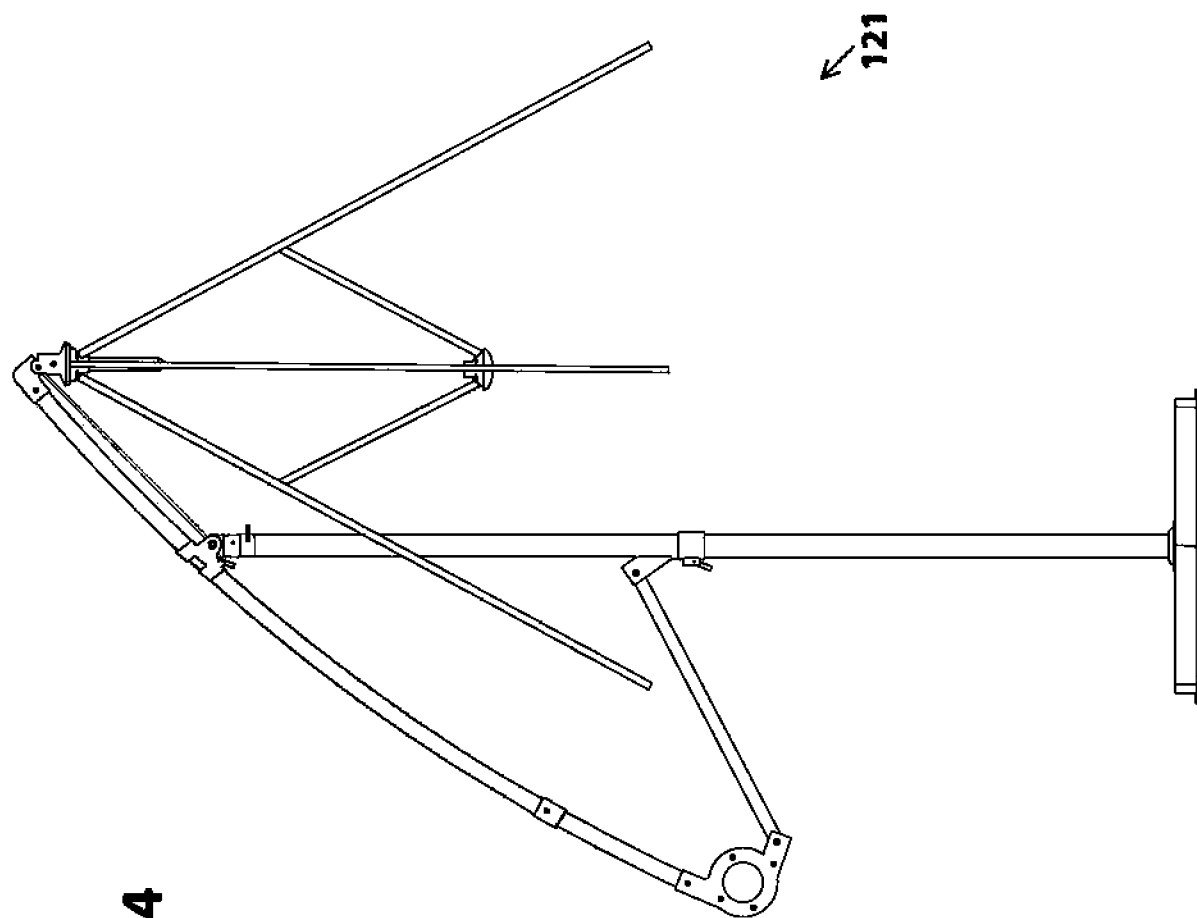
121

FIG. 82

FIG. 83



89/190



90/190

FIG. 84

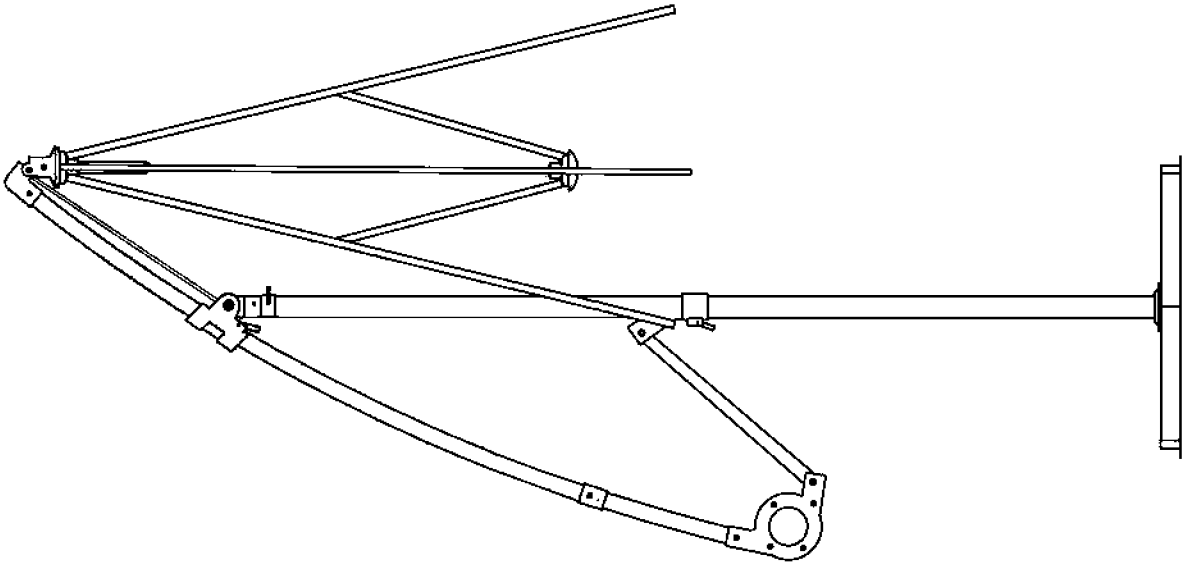
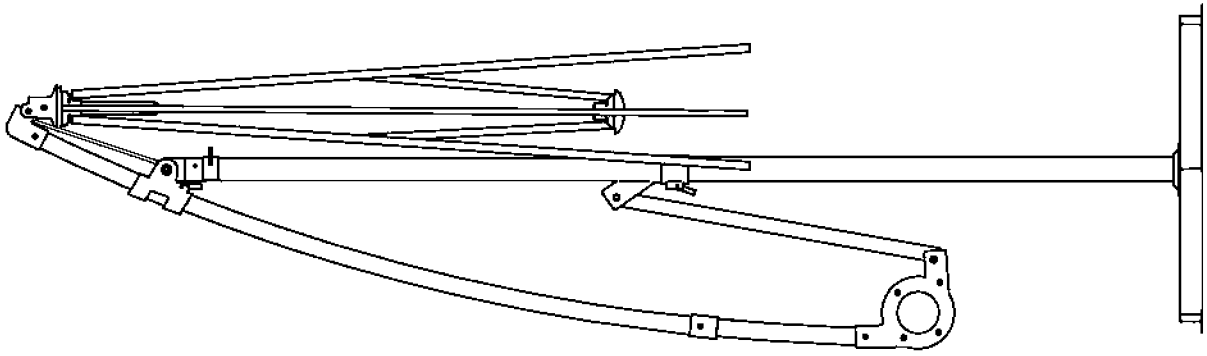


FIG. 85

91/190

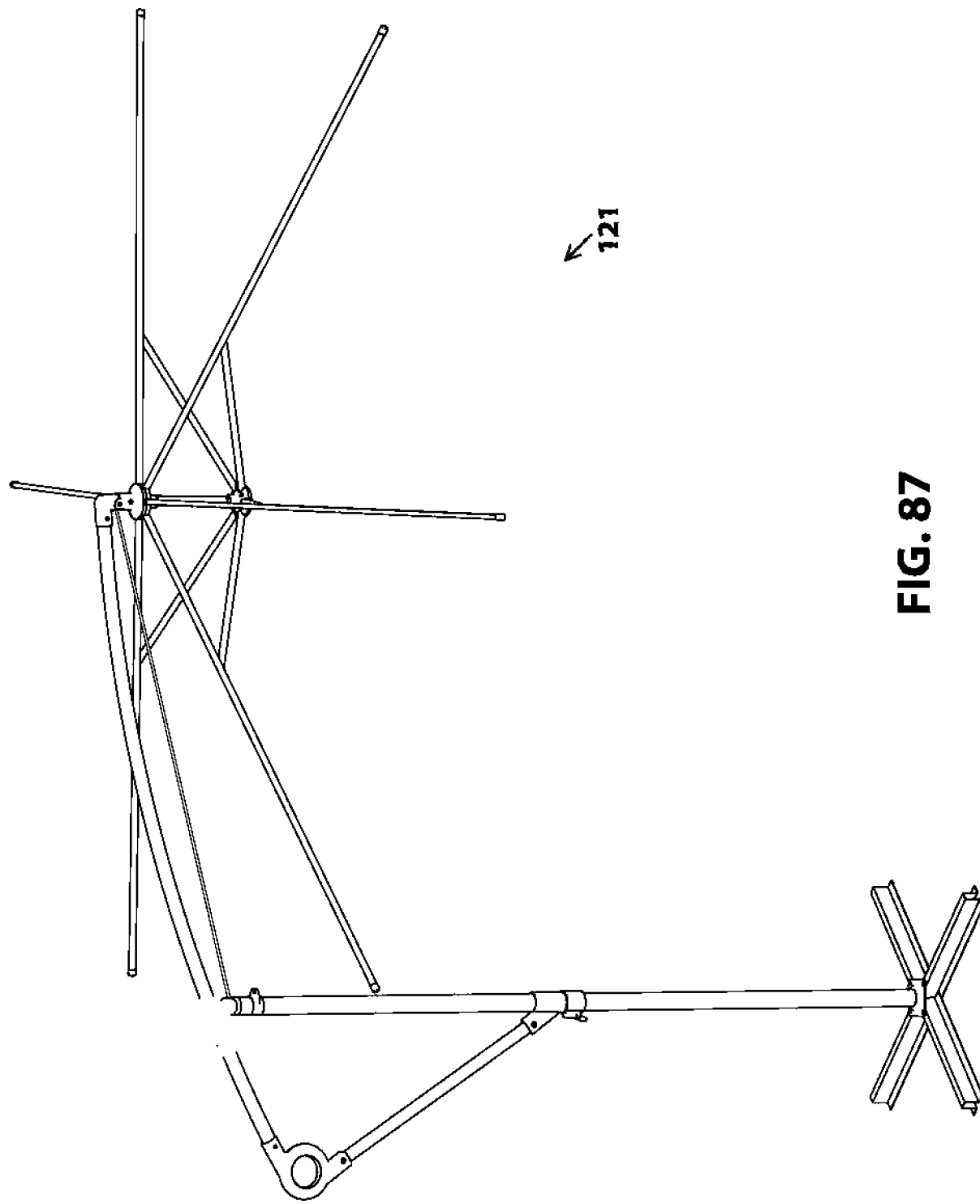
121



92/190

121

FIG. 86

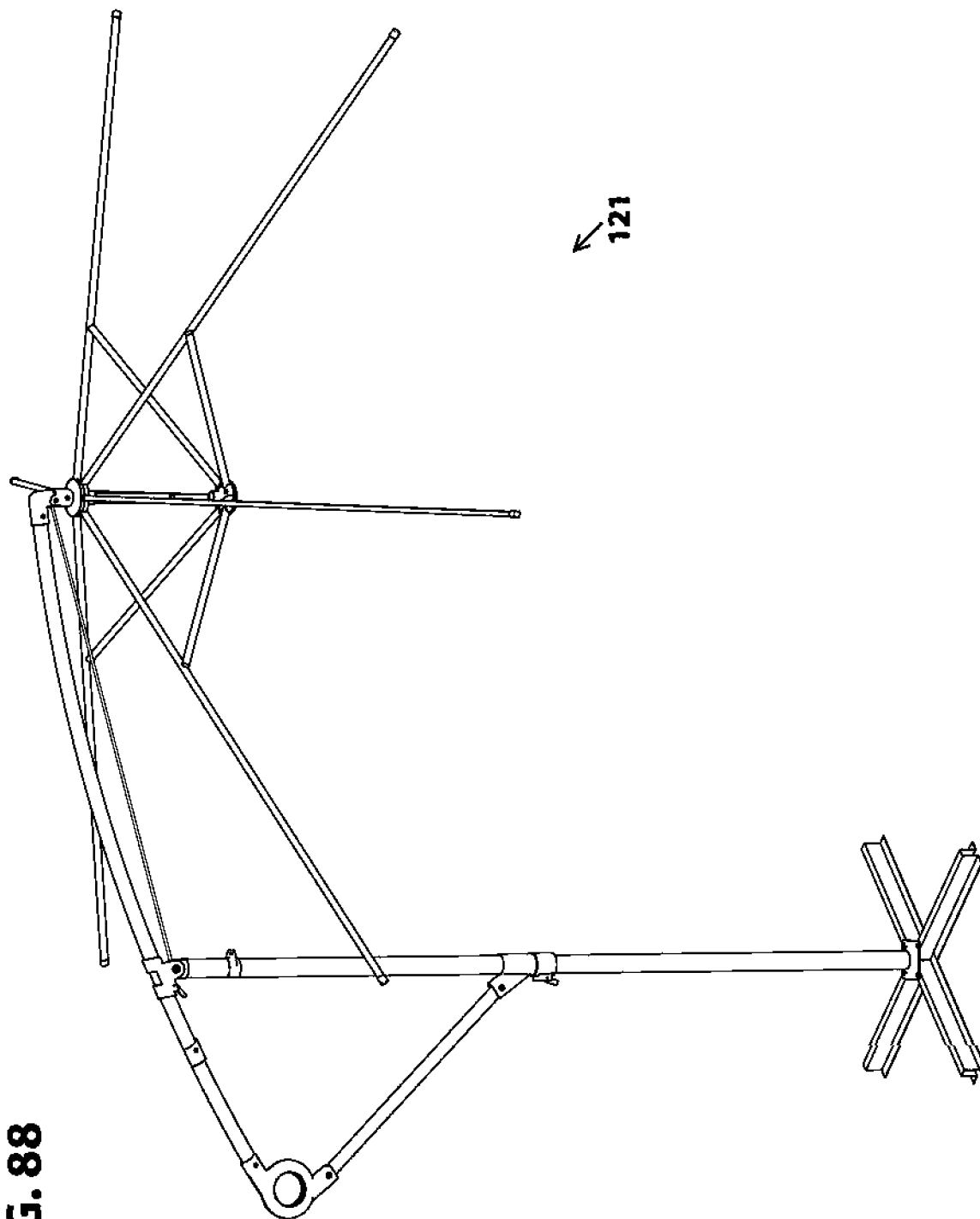


93/190

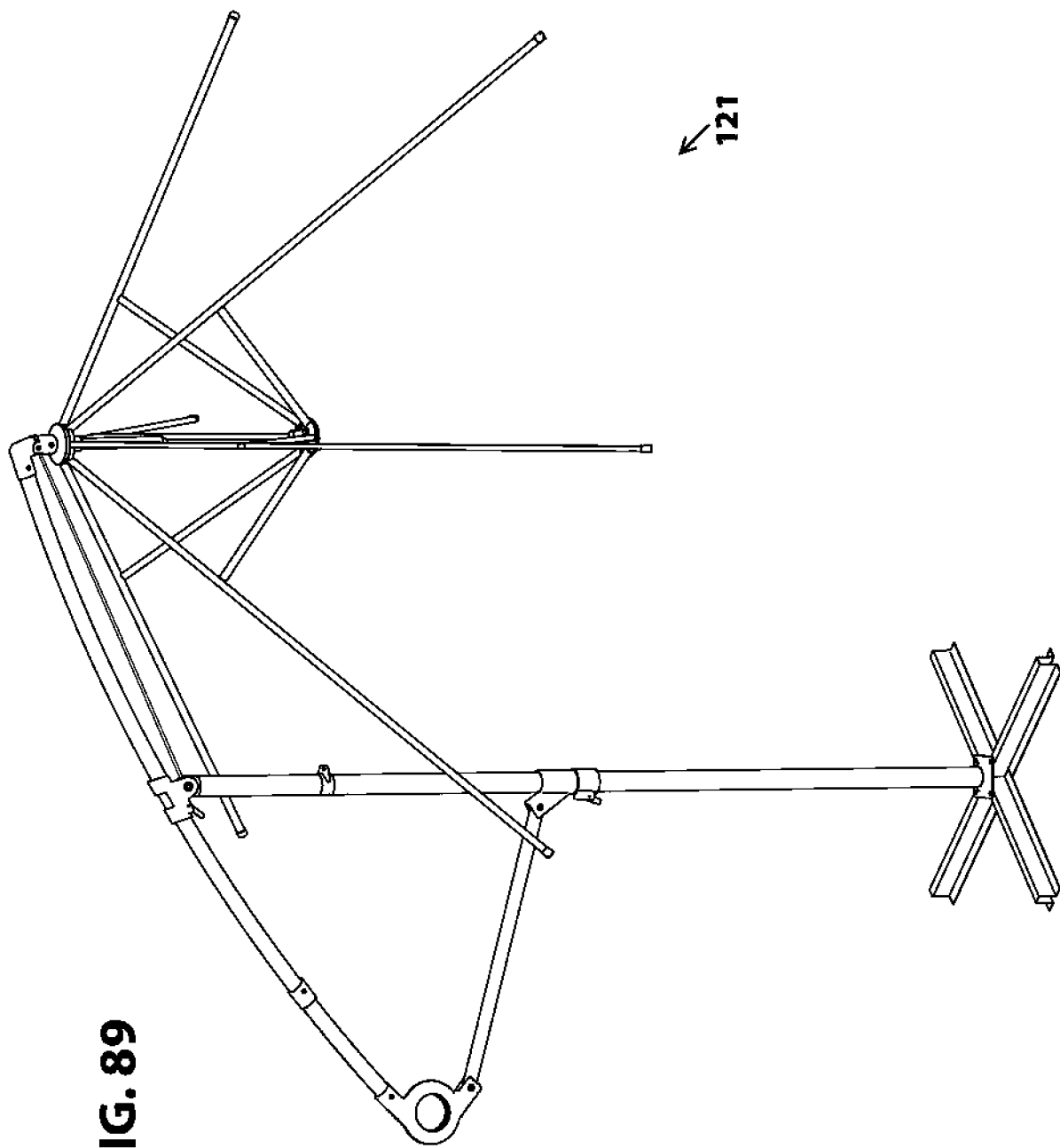
121

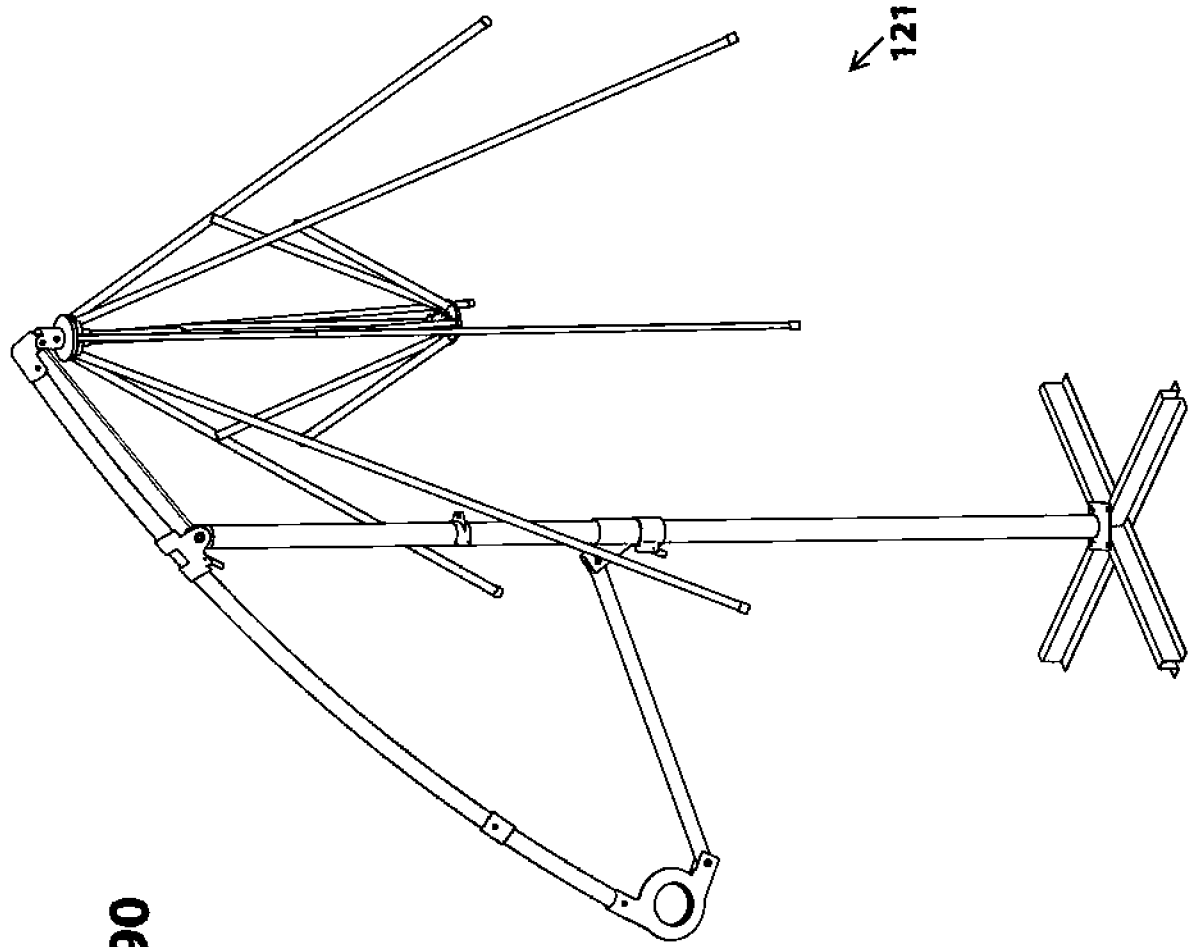
FIG. 87

FIG. 88



94/190

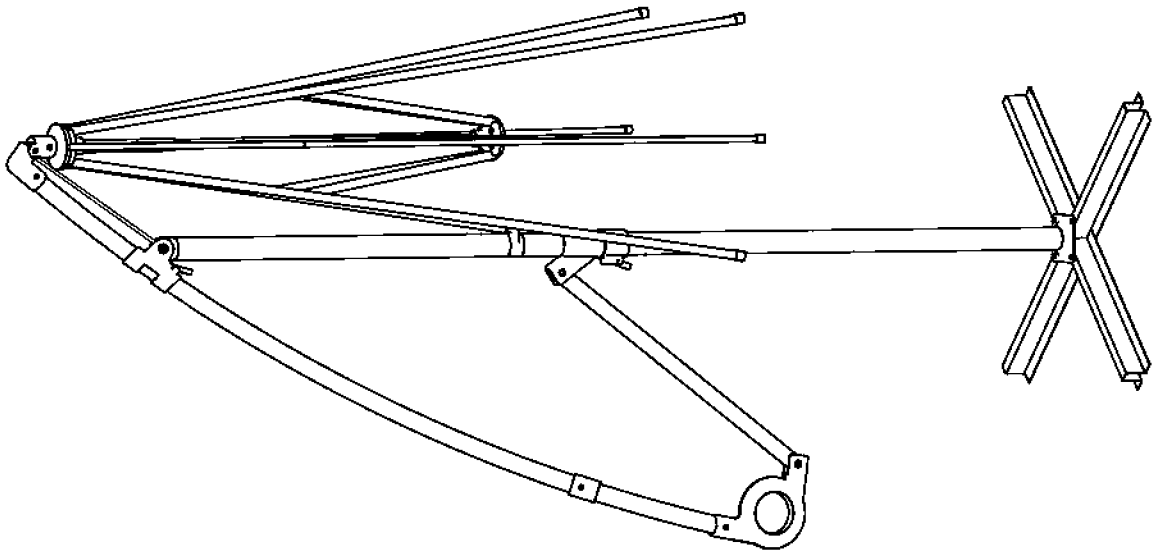




96/190

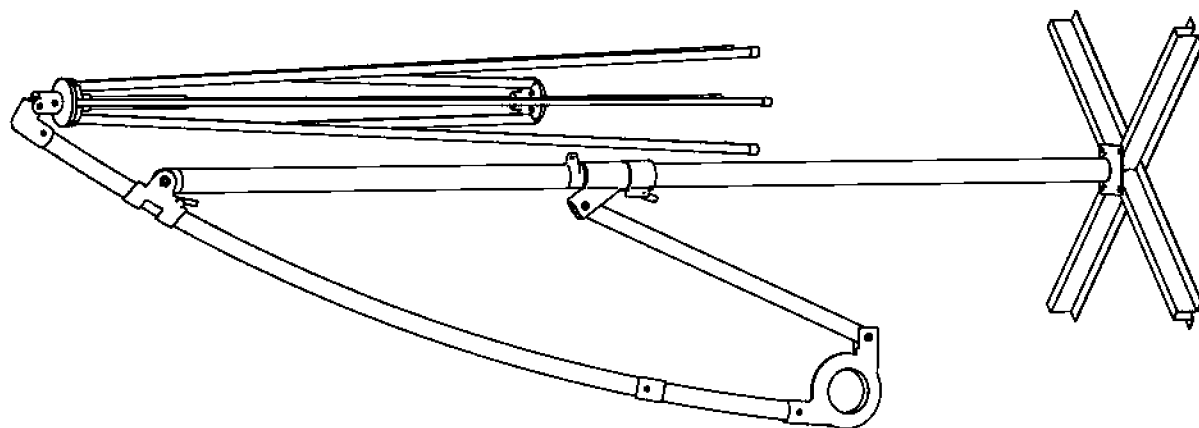
FIG. 90

FIG. 91



121

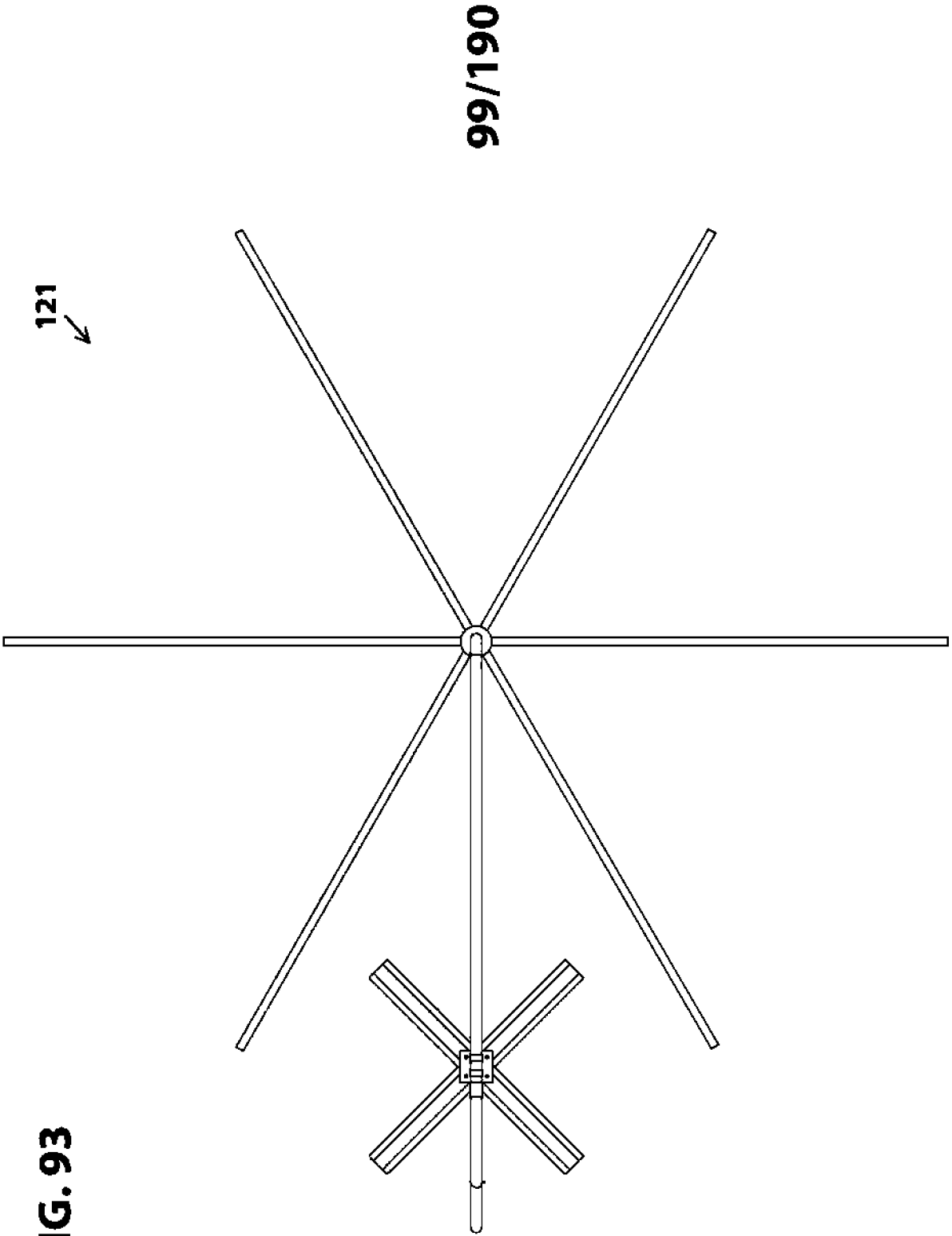
97/190



98/190

121

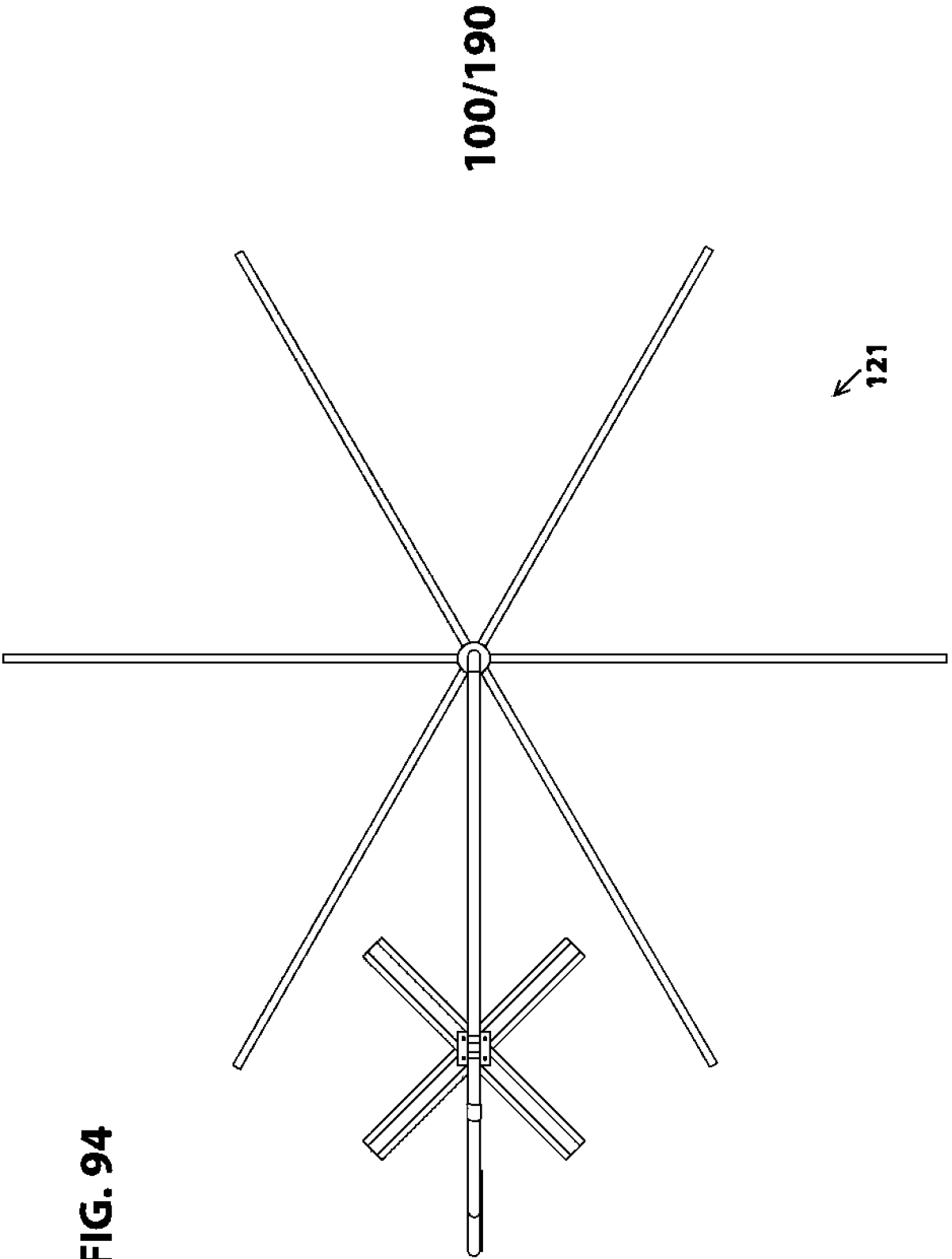
FIG. 92

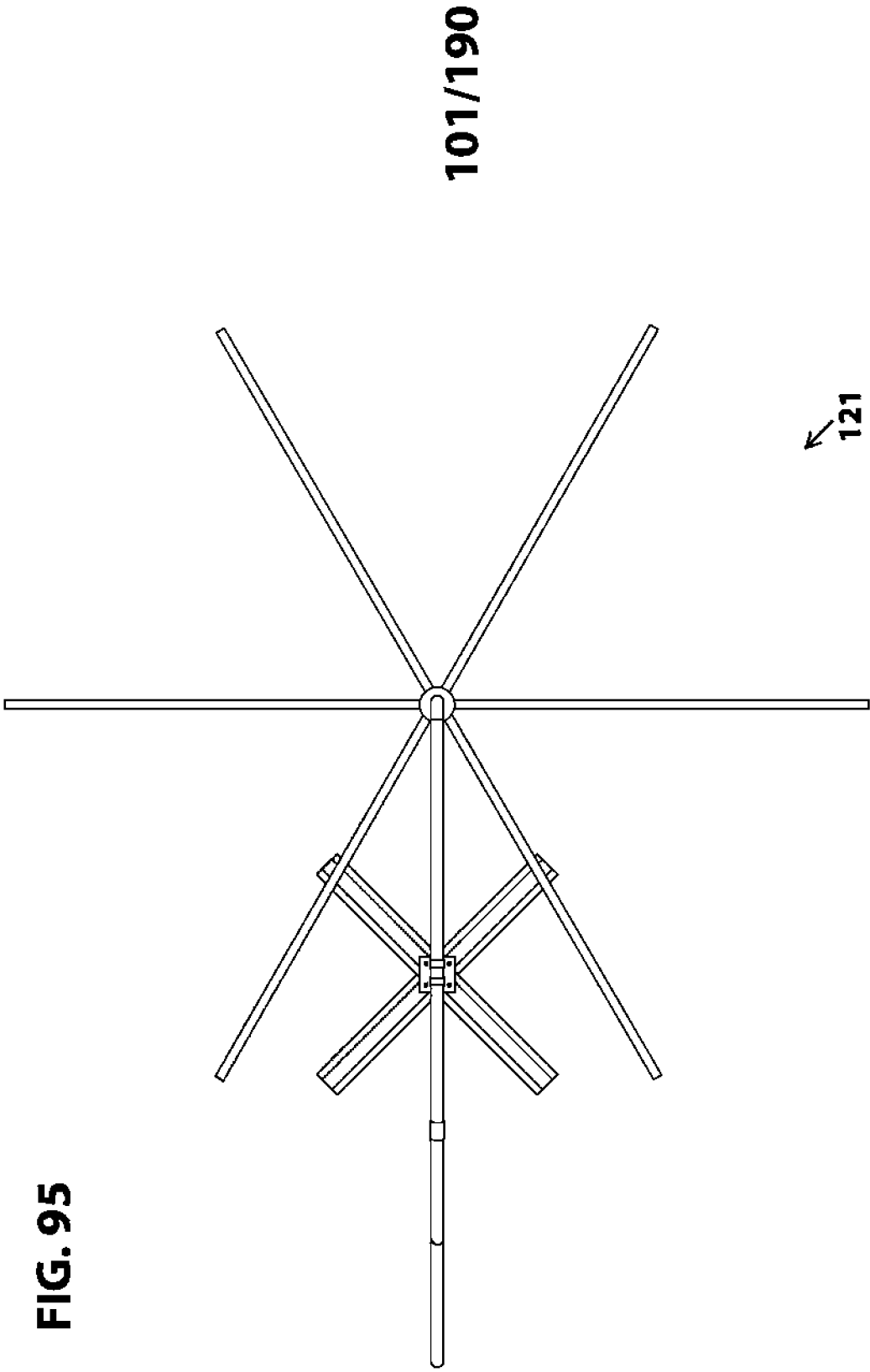


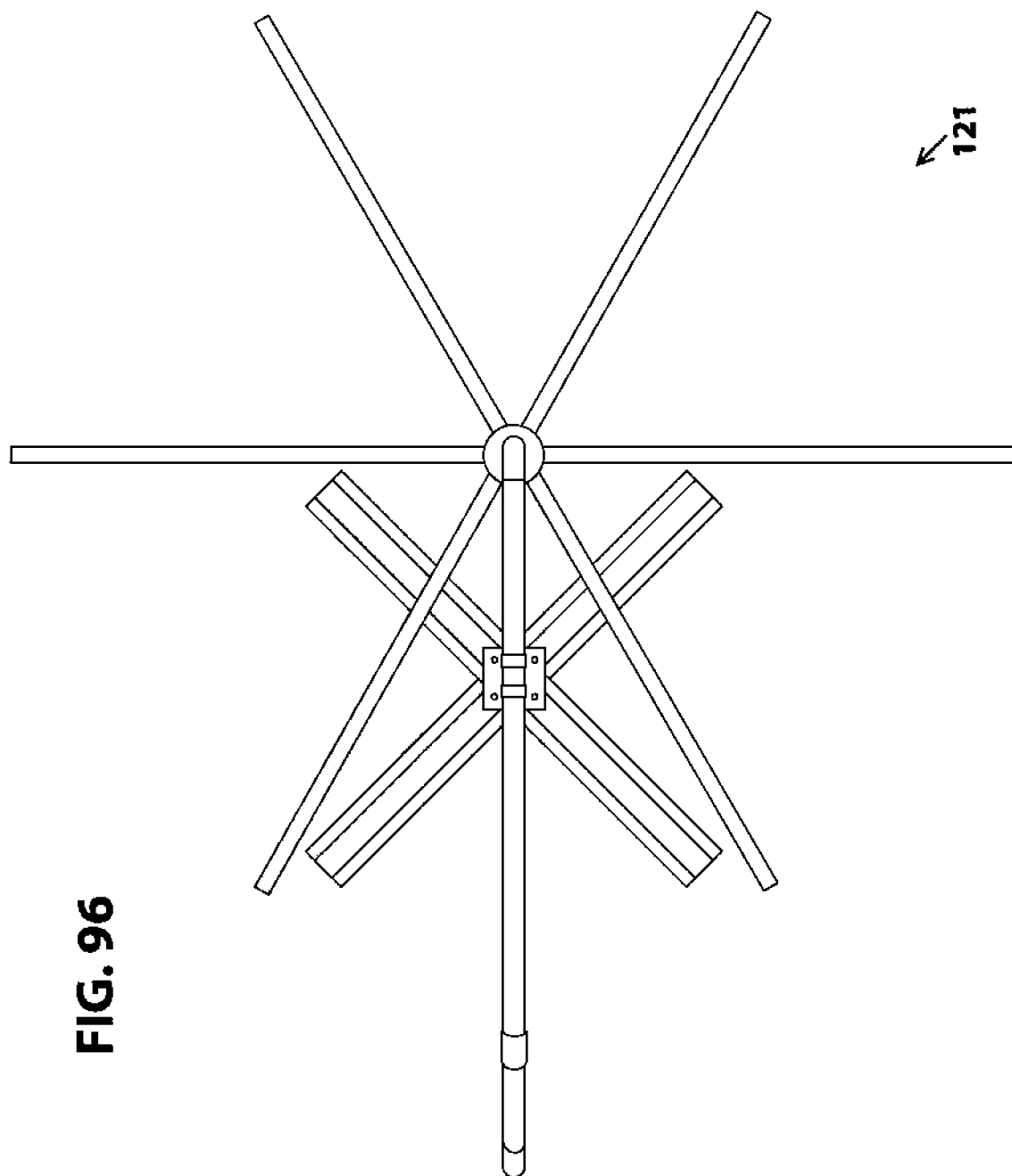
99/190

121 ↙

FIG. 93





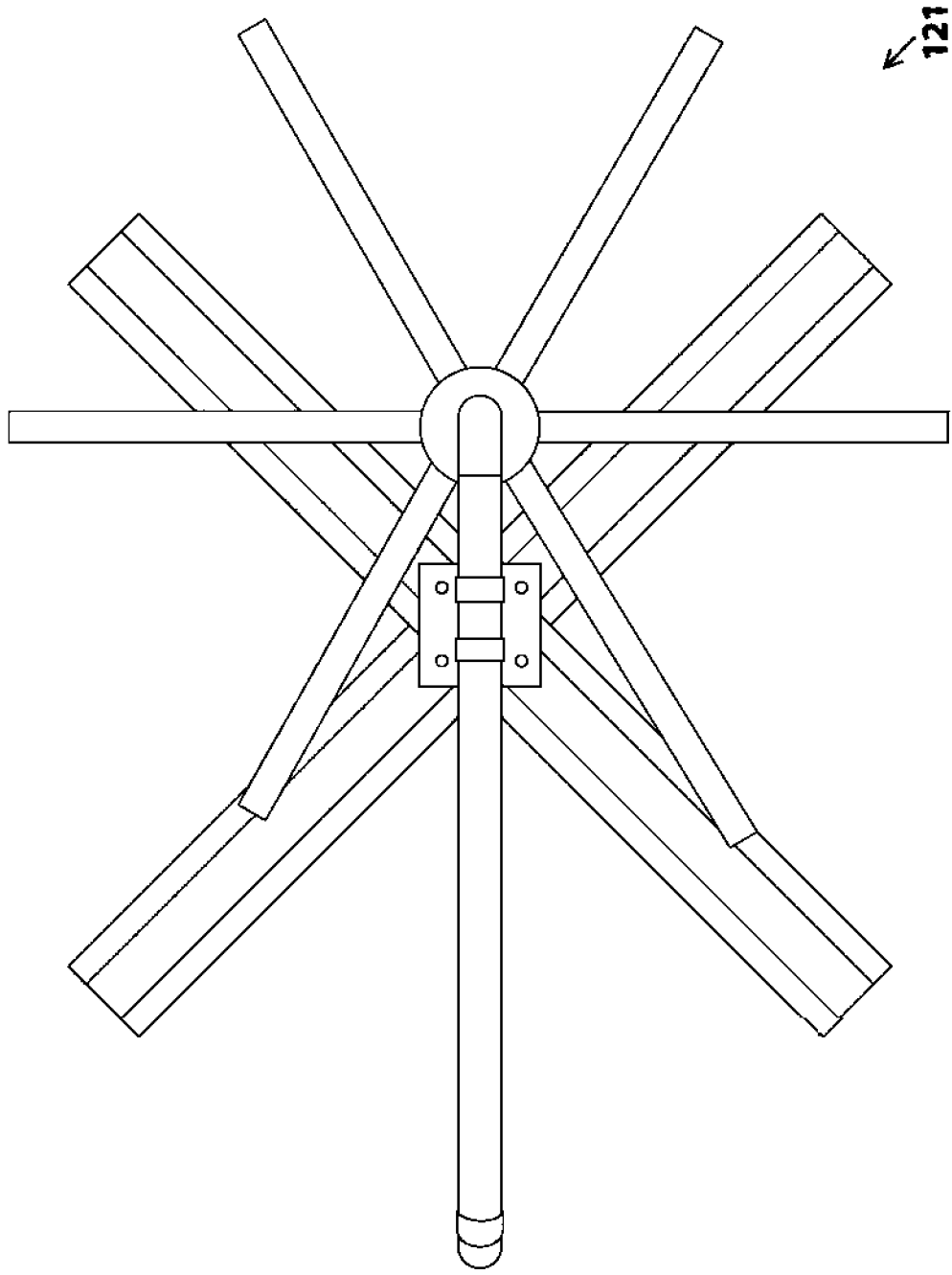


102/190

121

FIG. 96

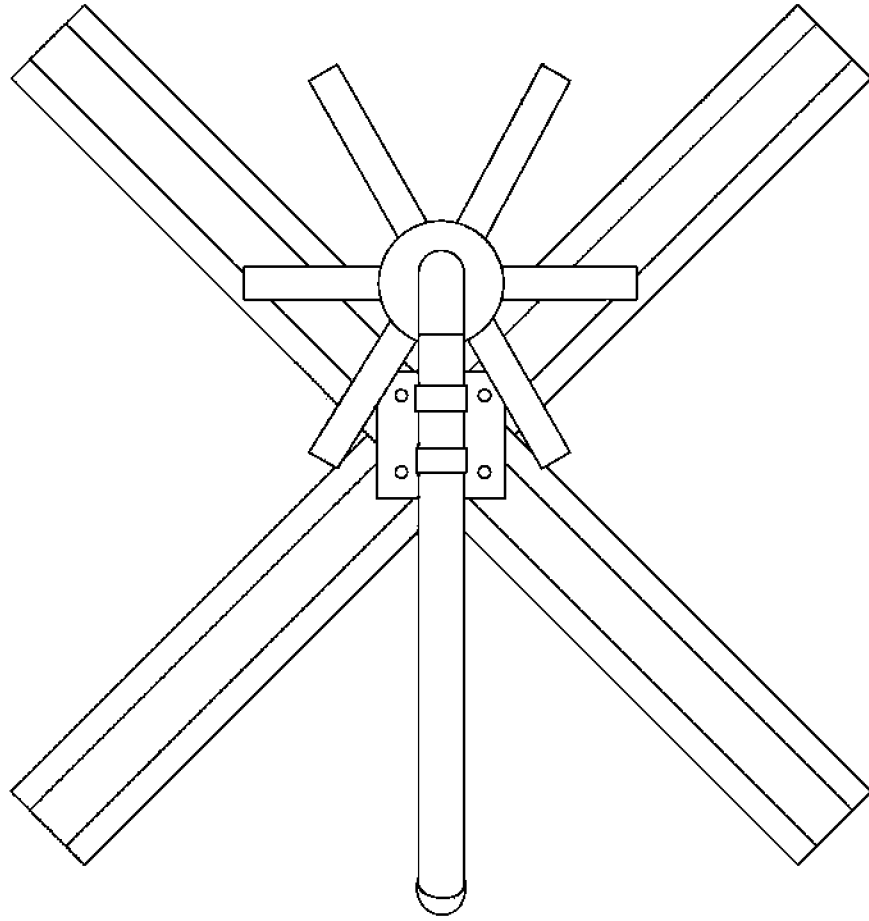
FIG. 97



103/190

121

FIG. 98



104/190

121

FIG. 99

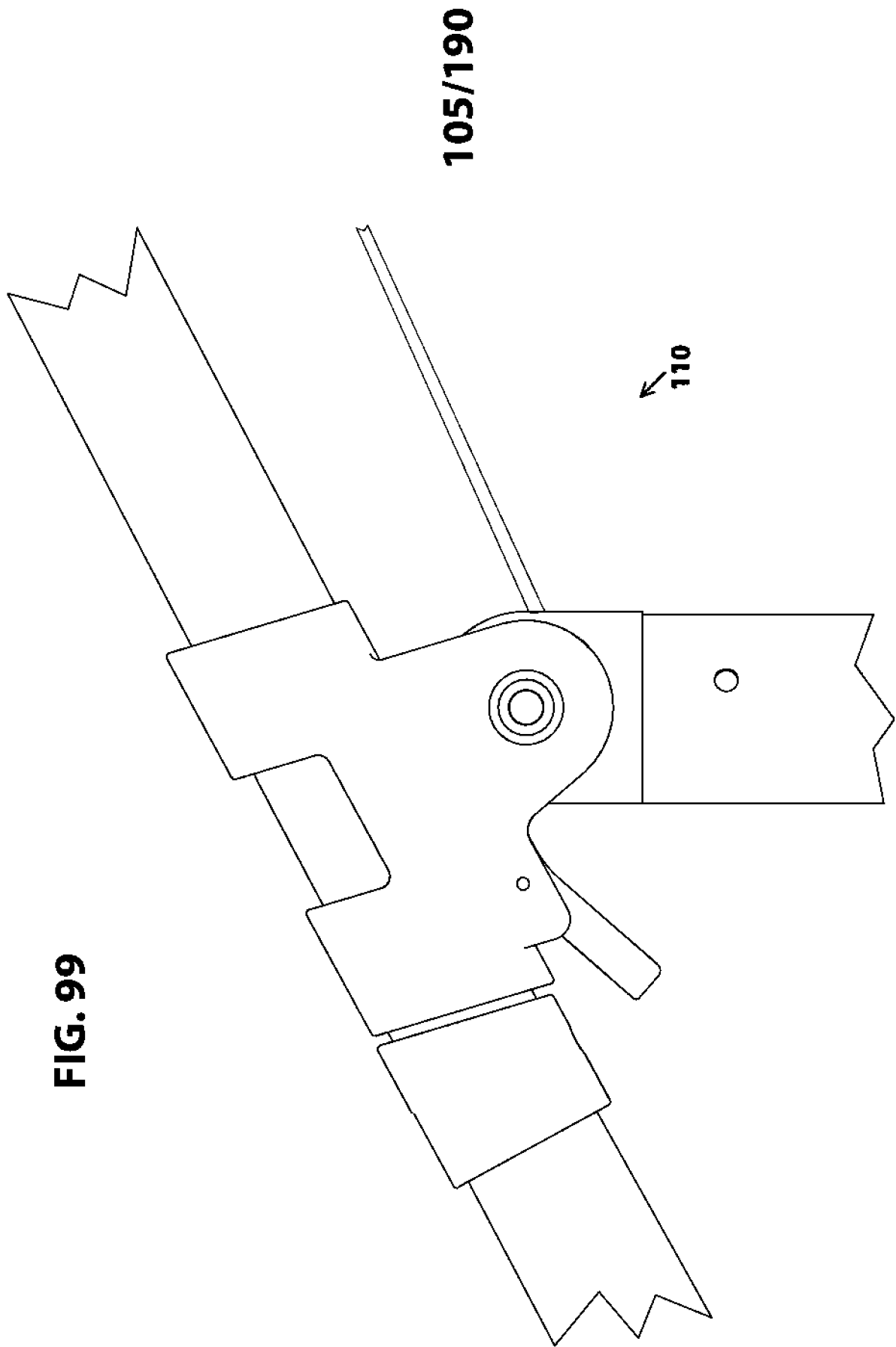
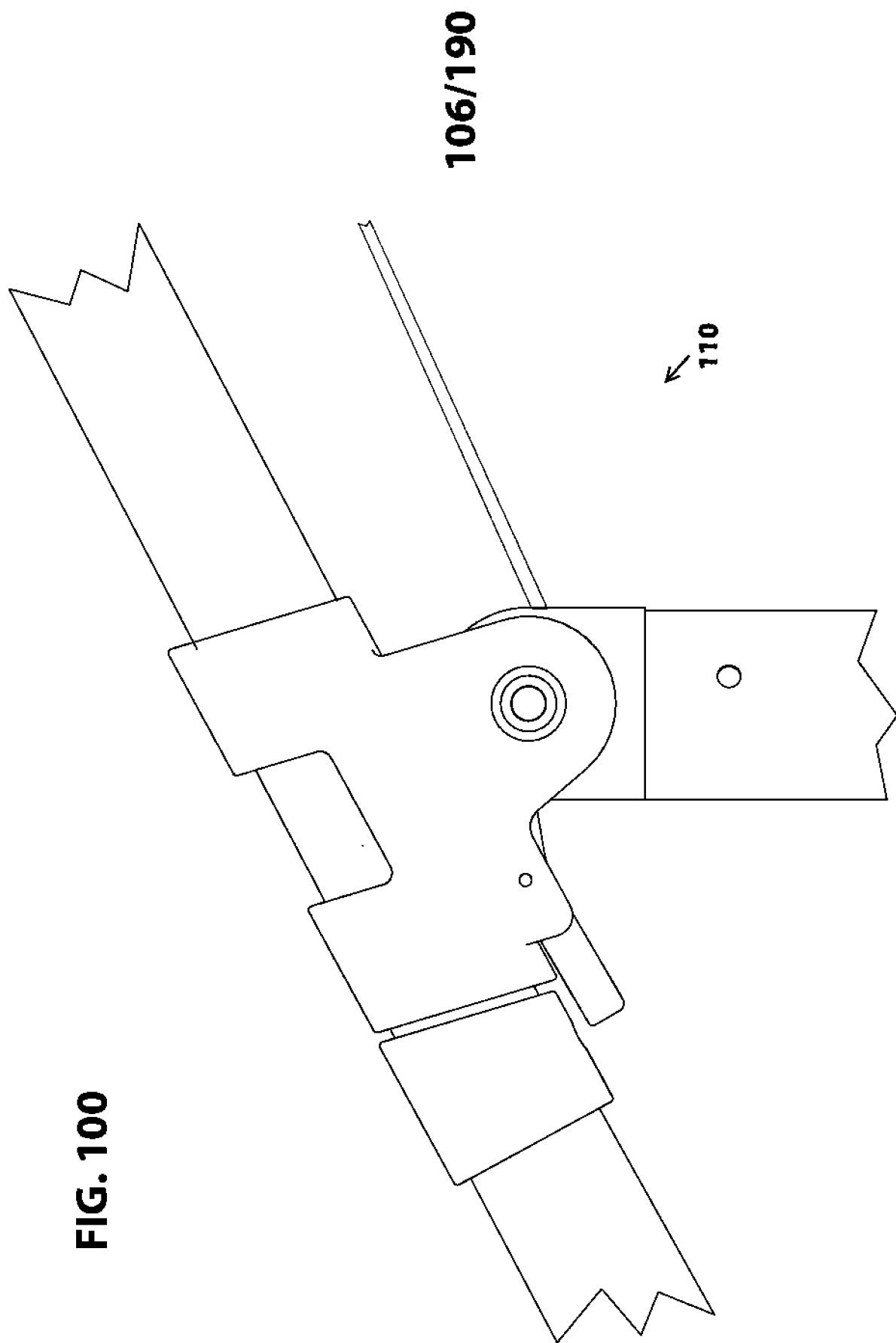


FIG. 100



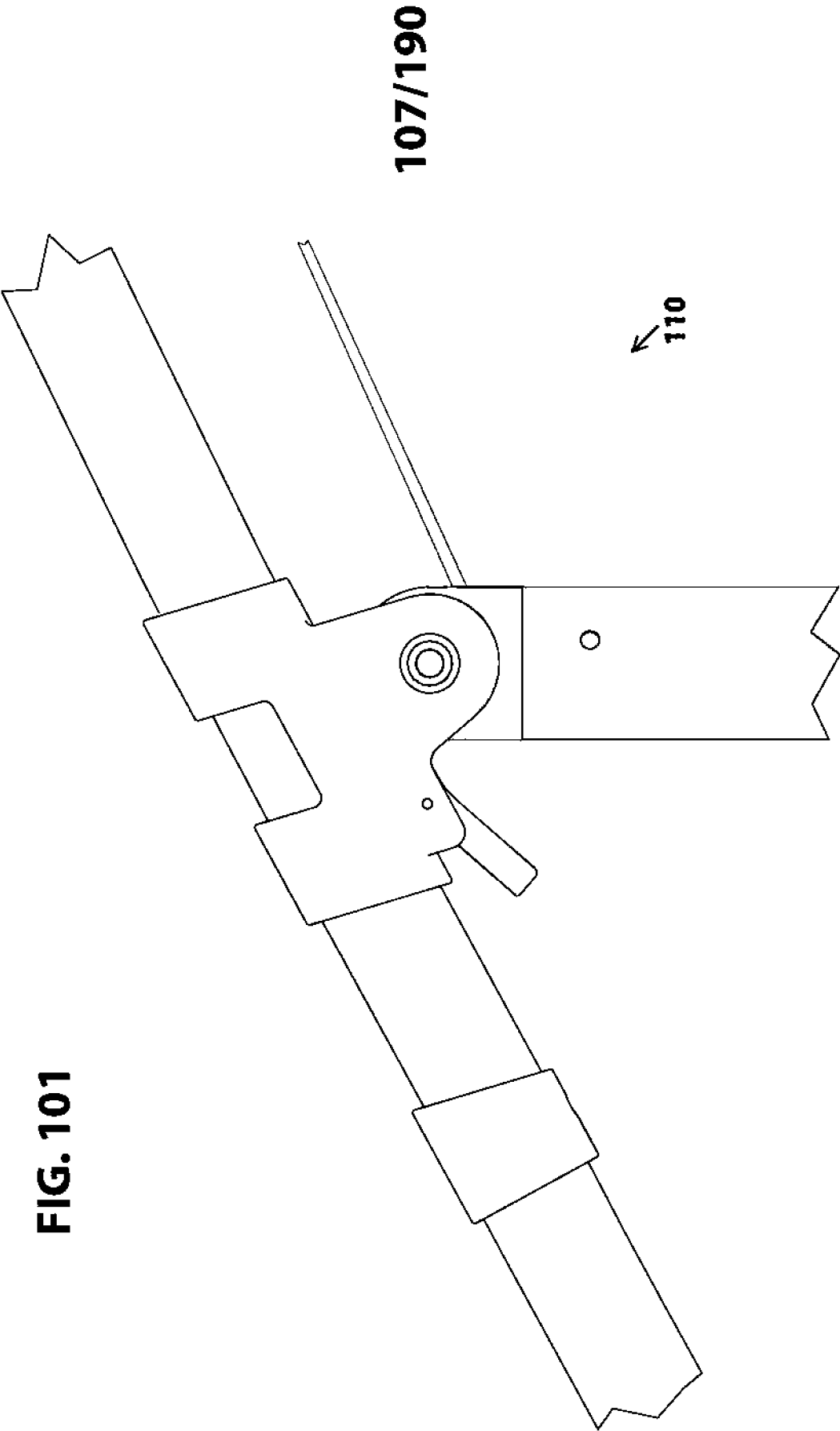
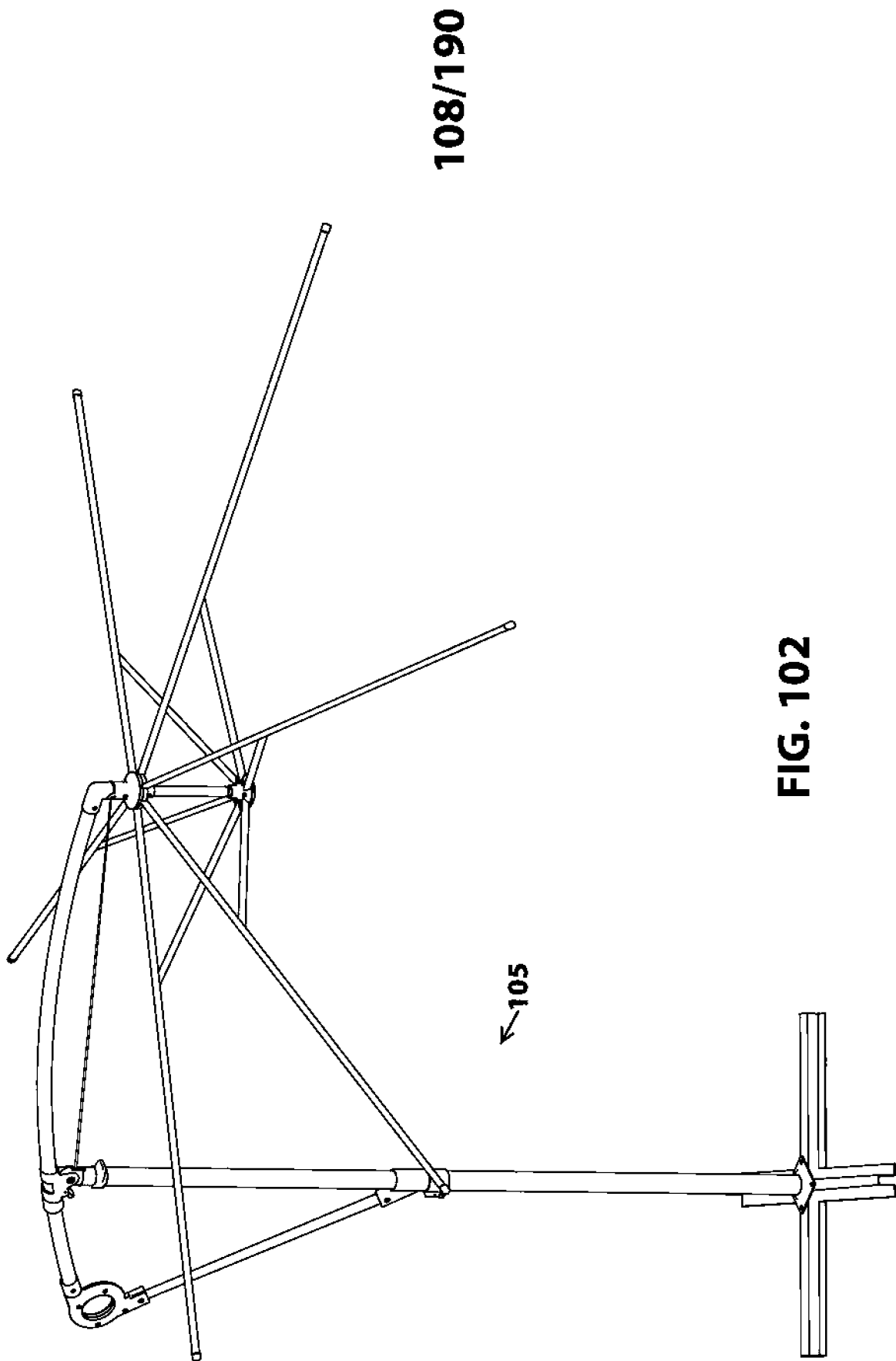


FIG. 101



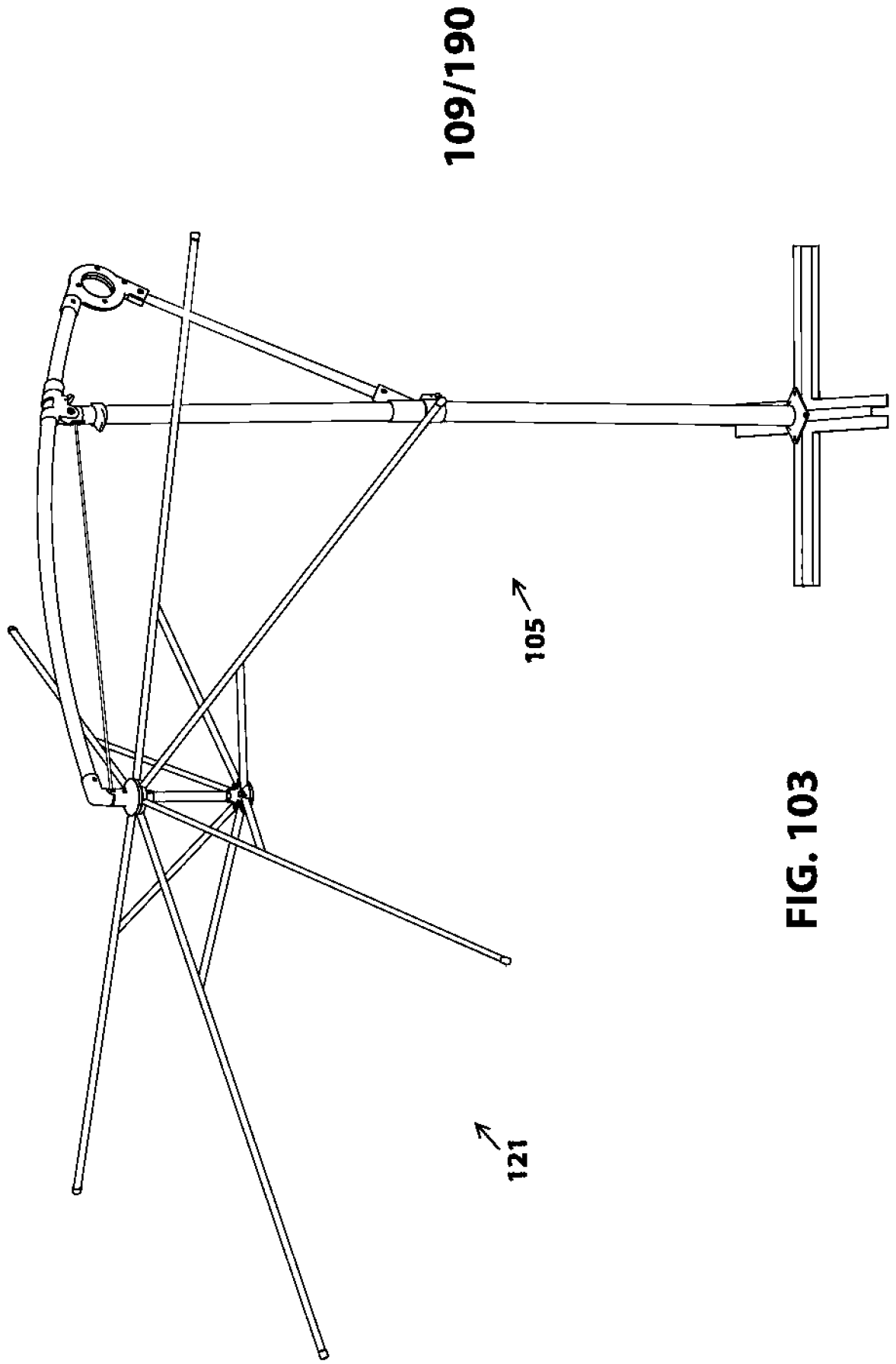


FIG. 103

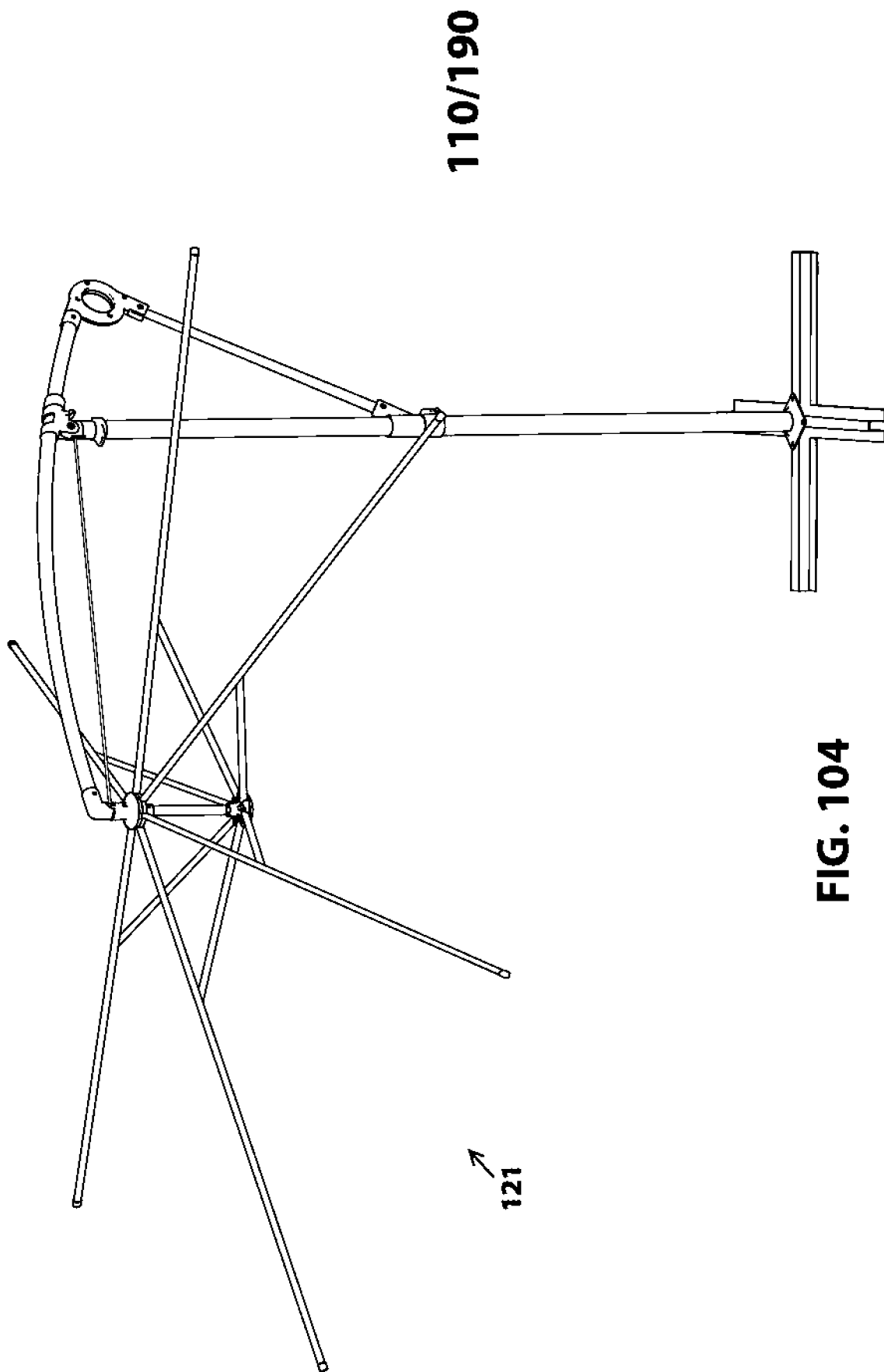
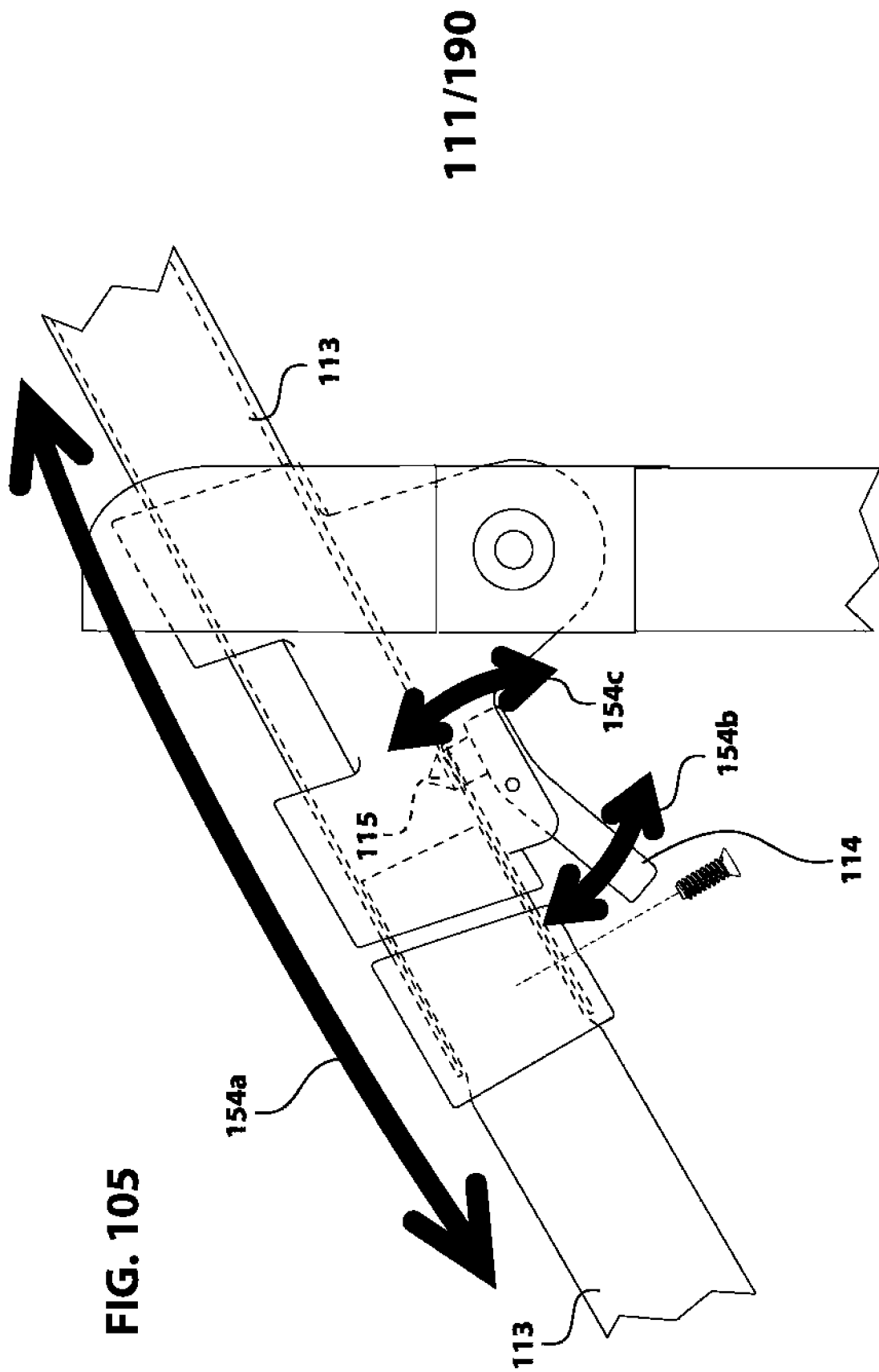


FIG. 104



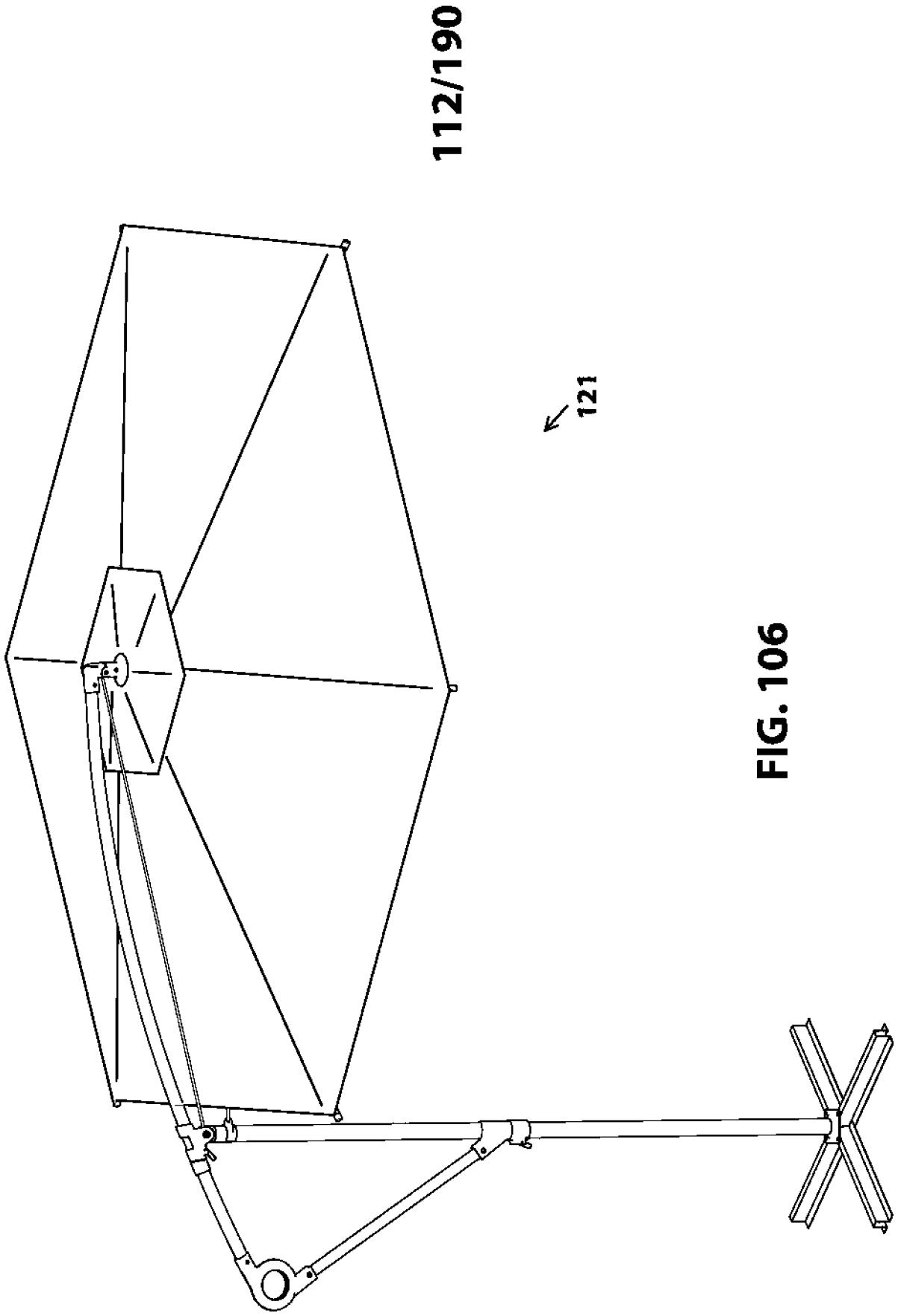
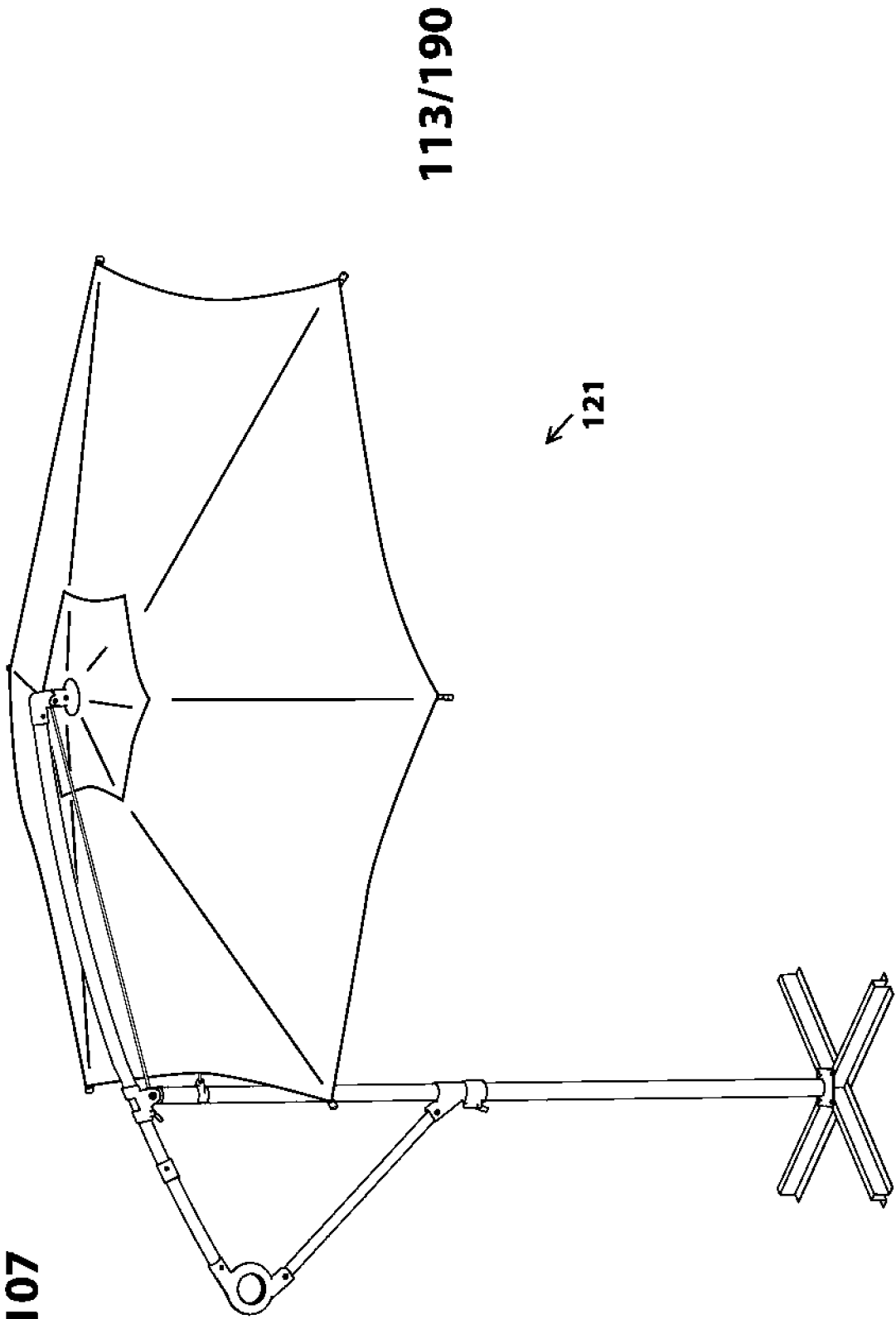
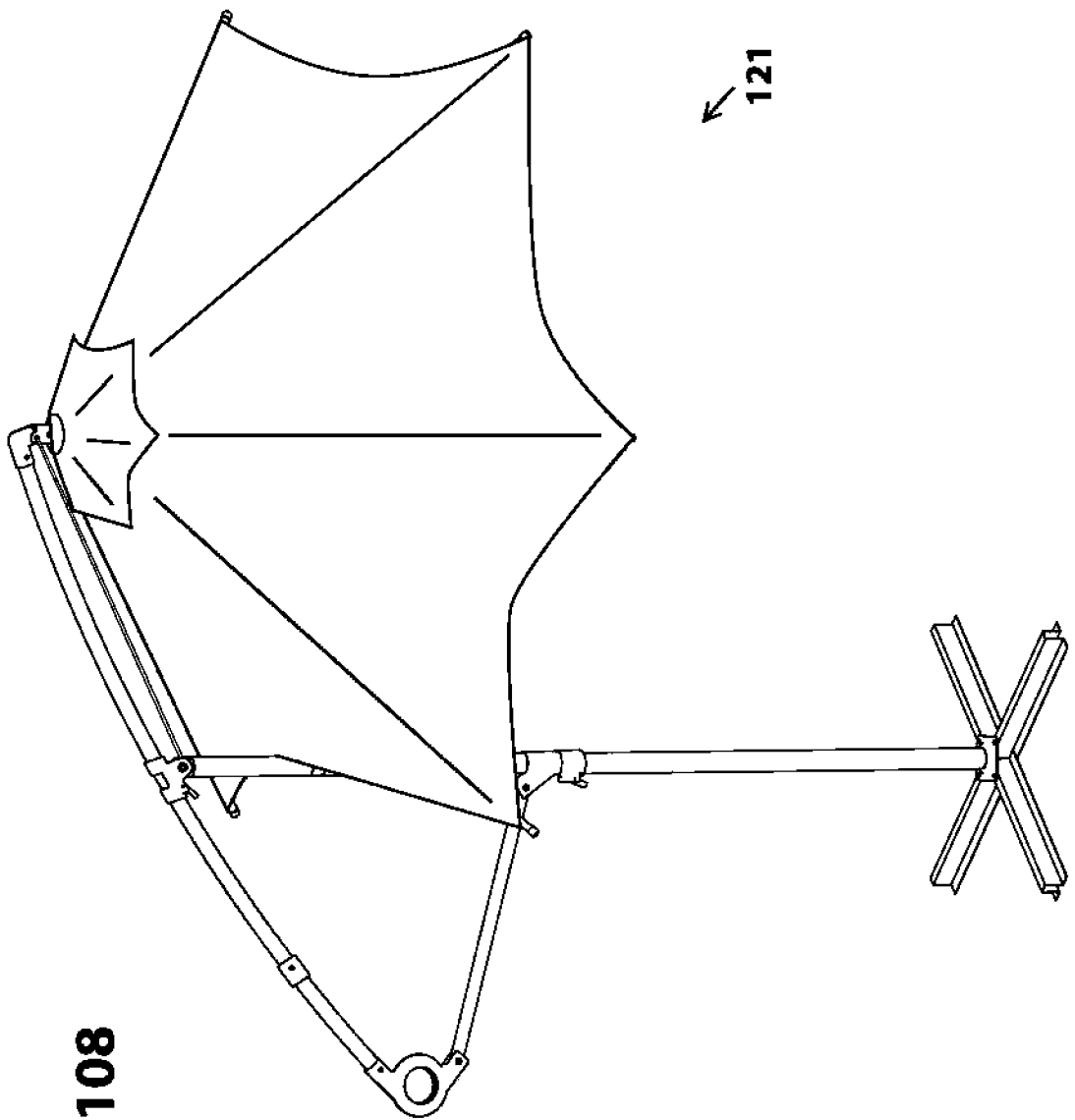


FIG. 107

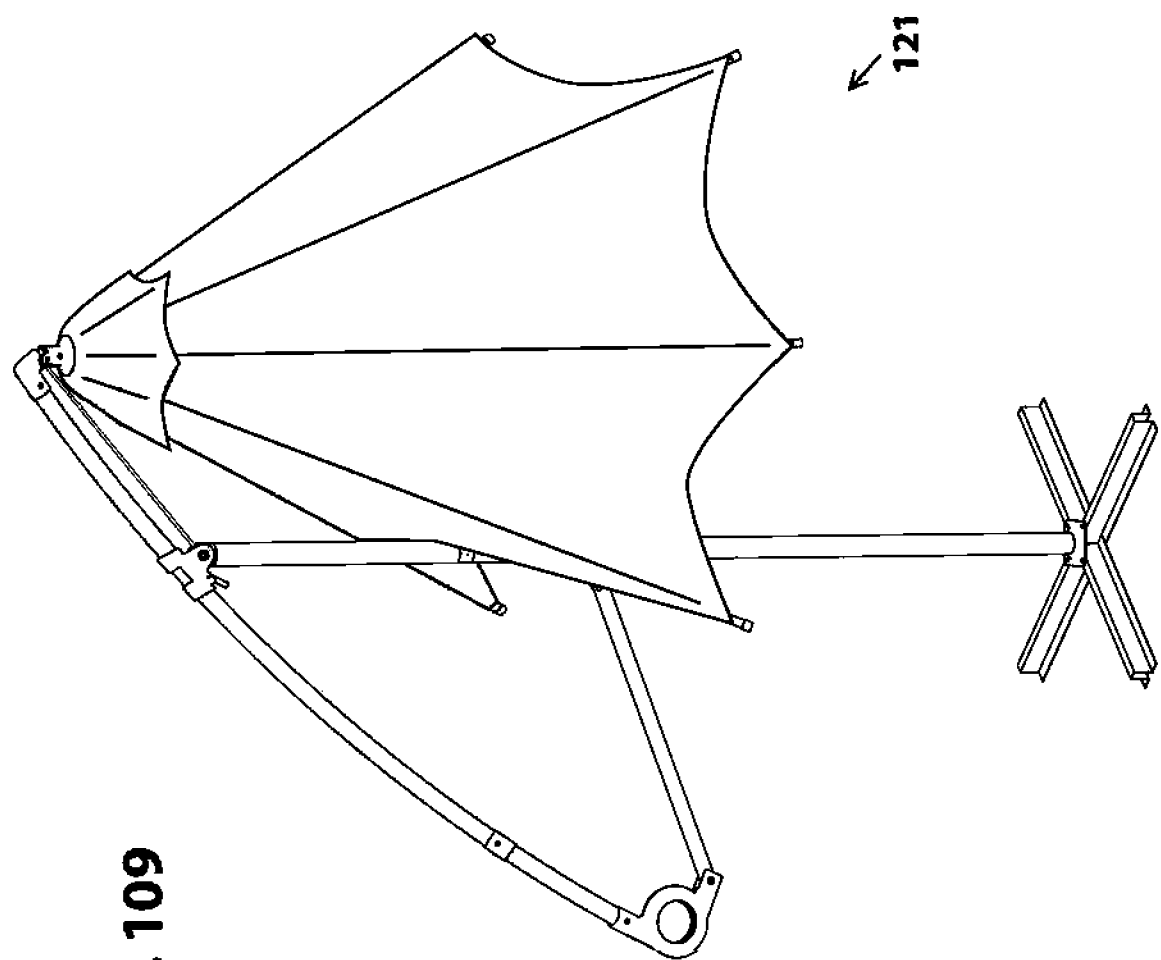




114/190

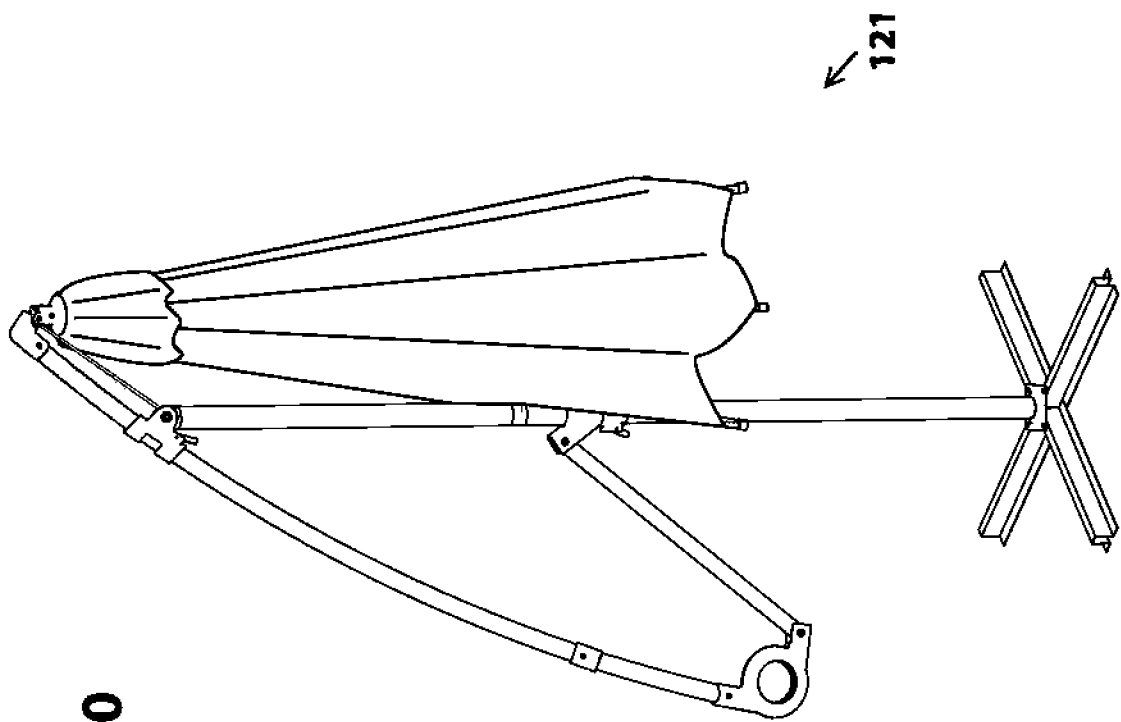
121

FIG. 108



115/190

FIG. 109



116/190

FIG. 110

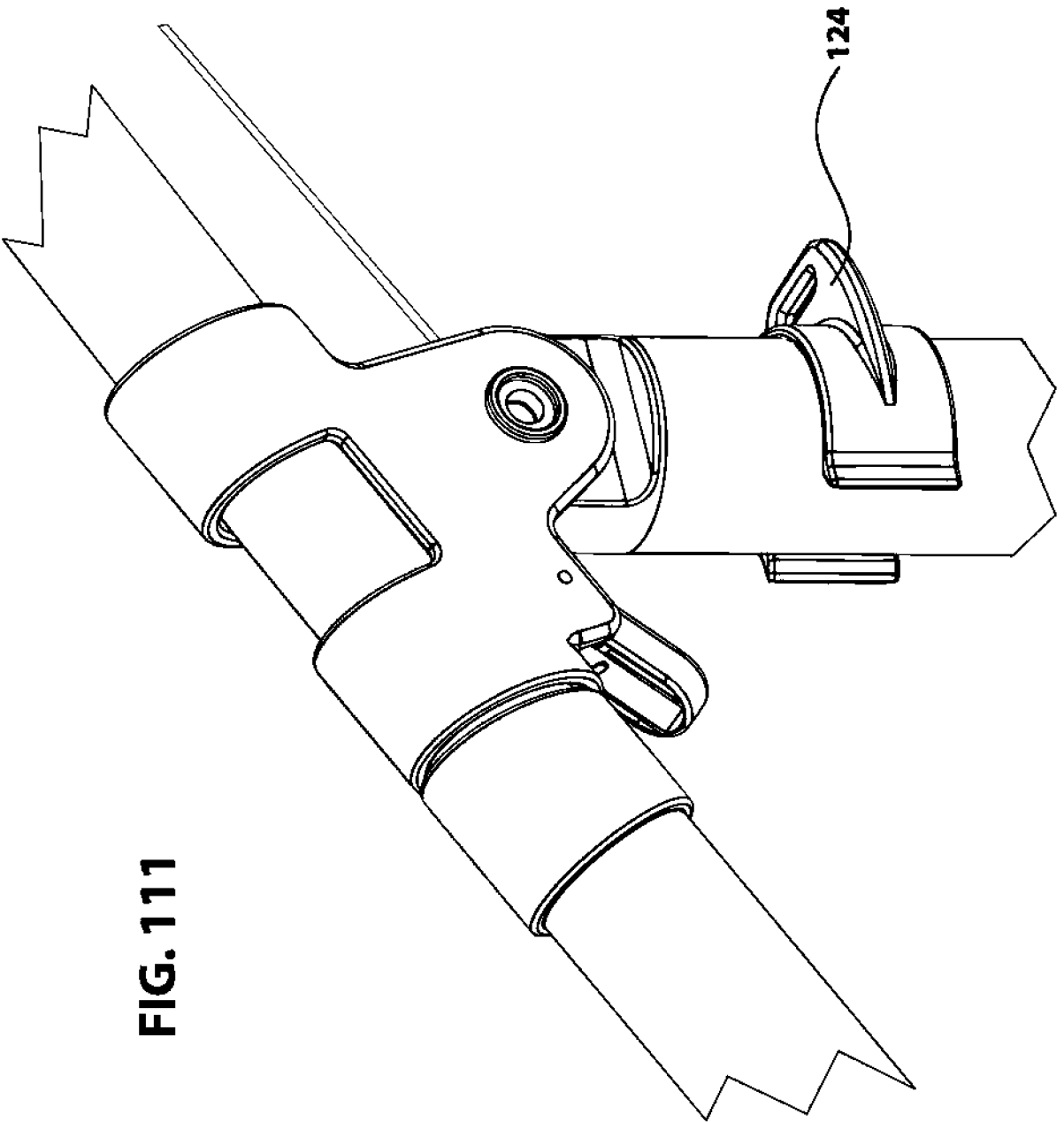


FIG. 111

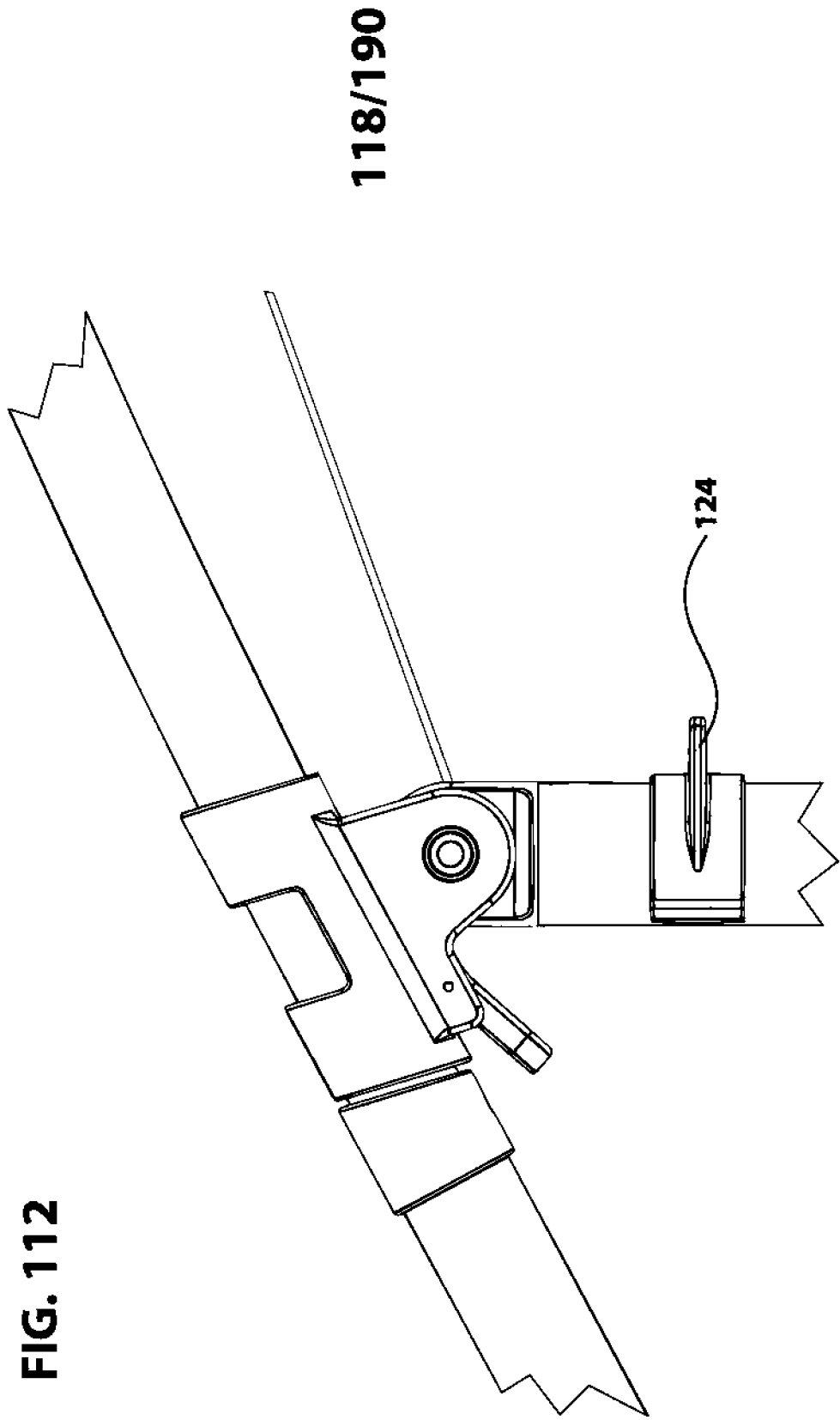
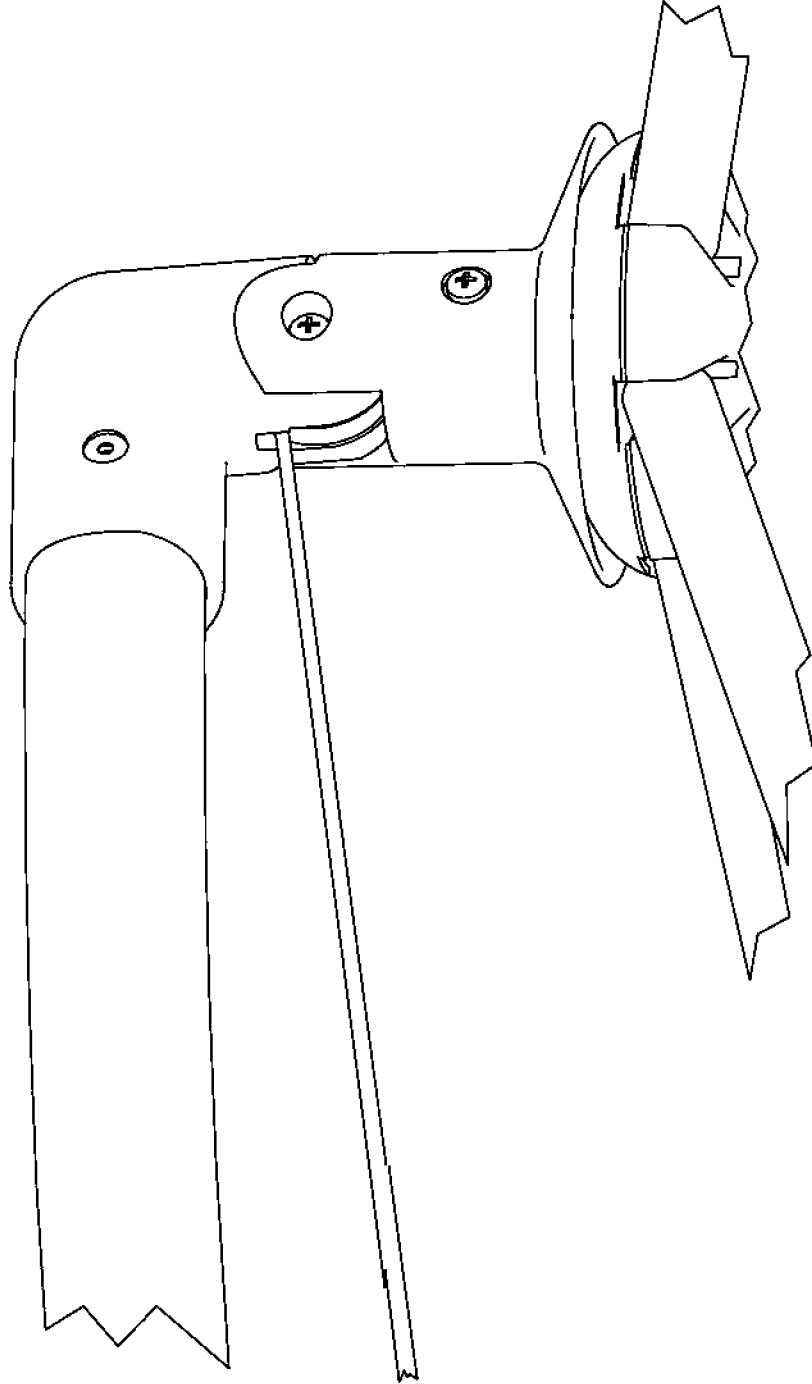
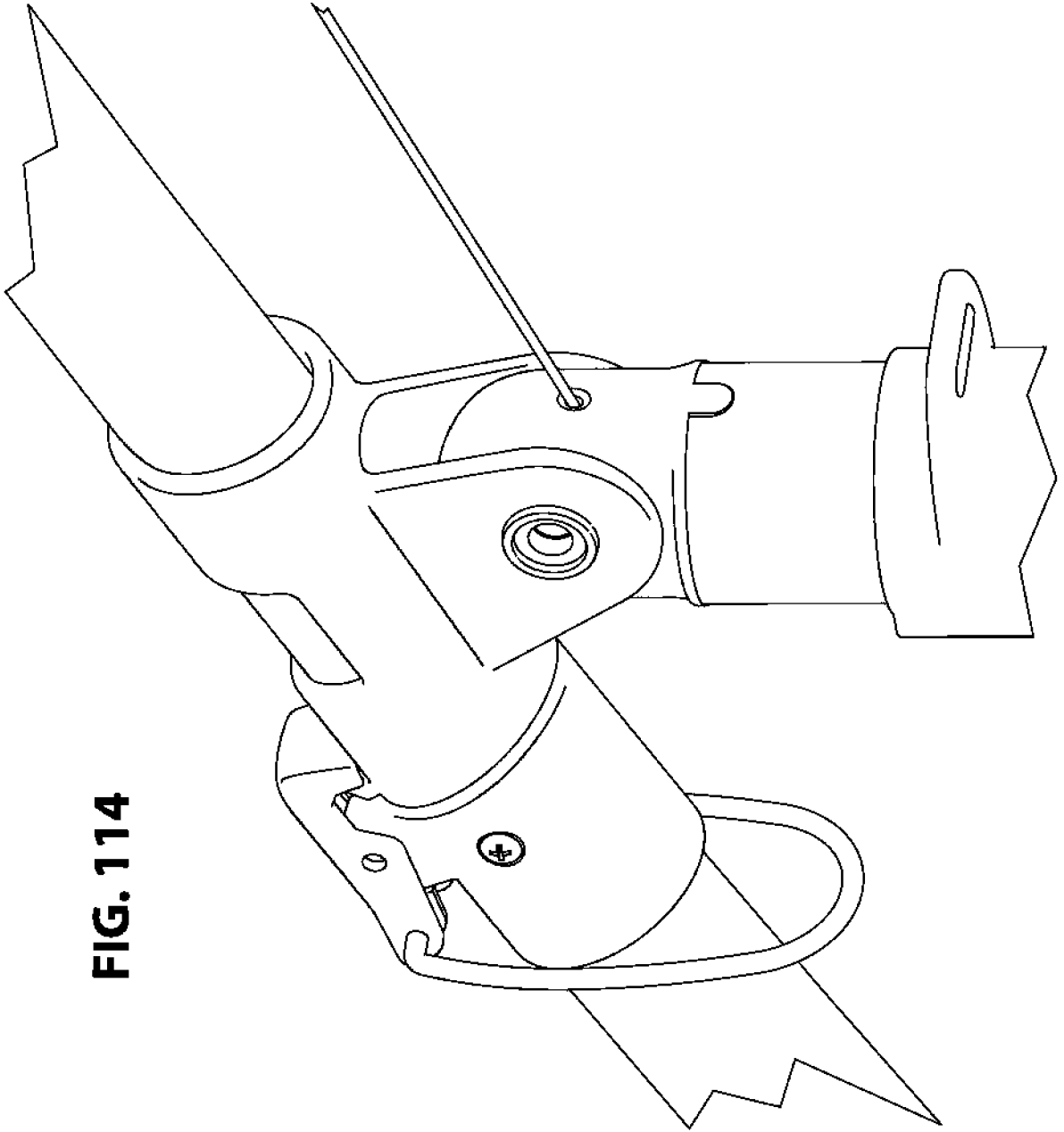


FIG. 113



119/190

FIG. 114



120/190

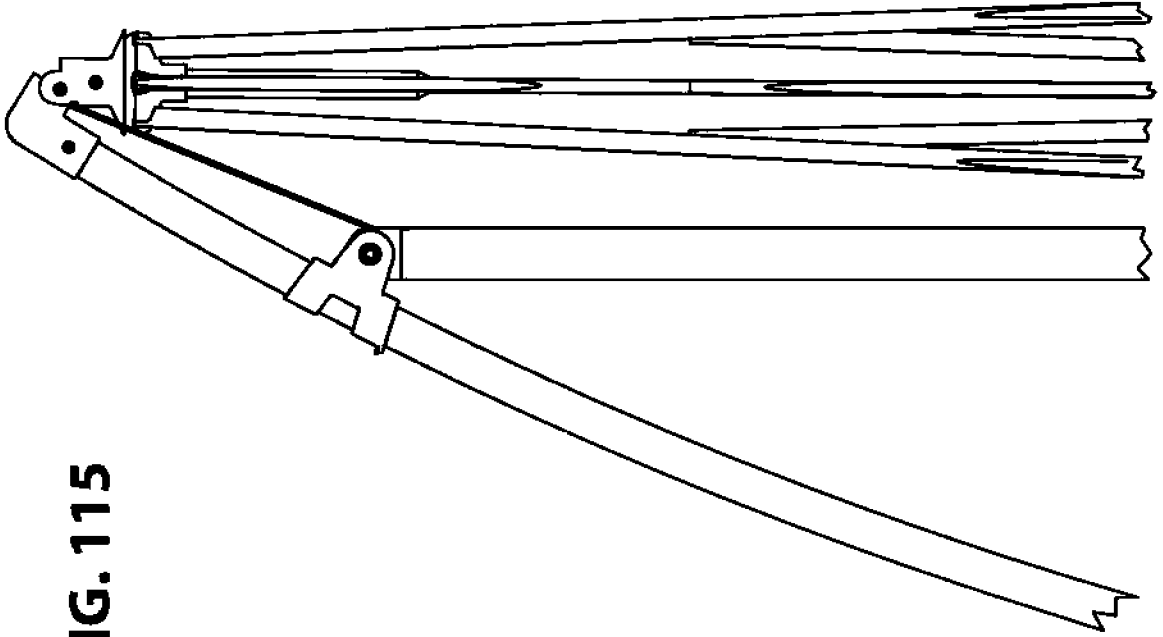


FIG. 115

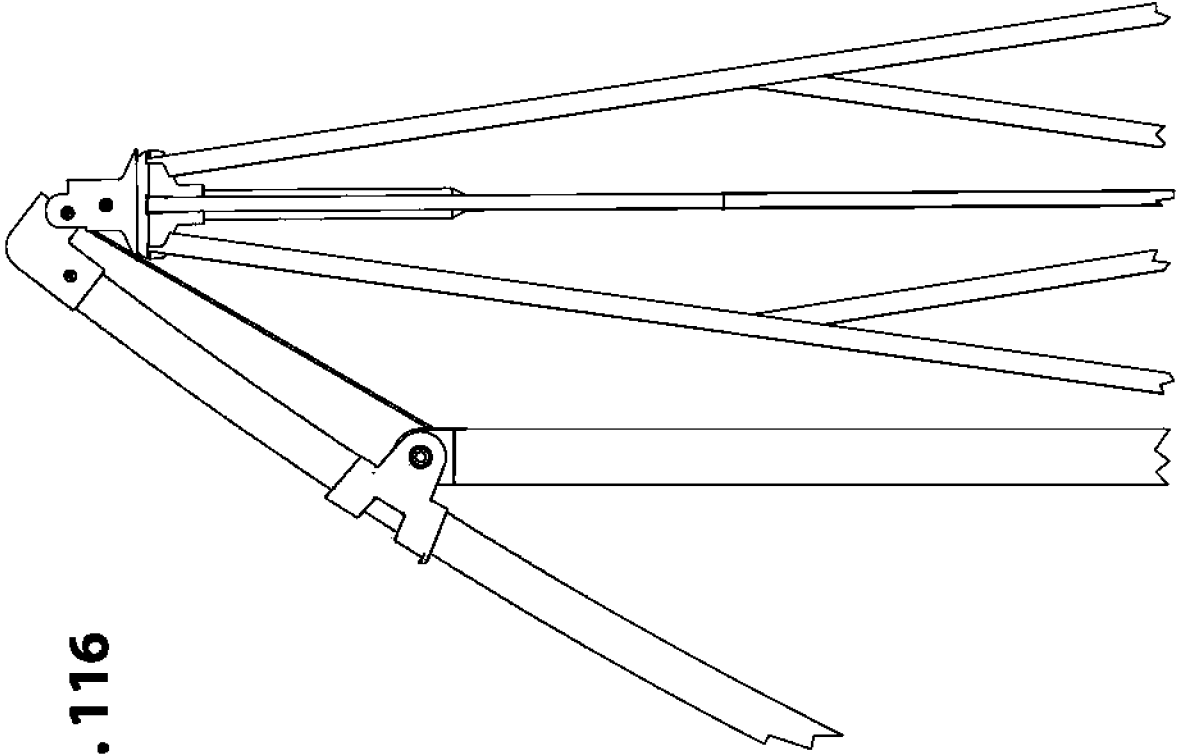


FIG. 116

122/190

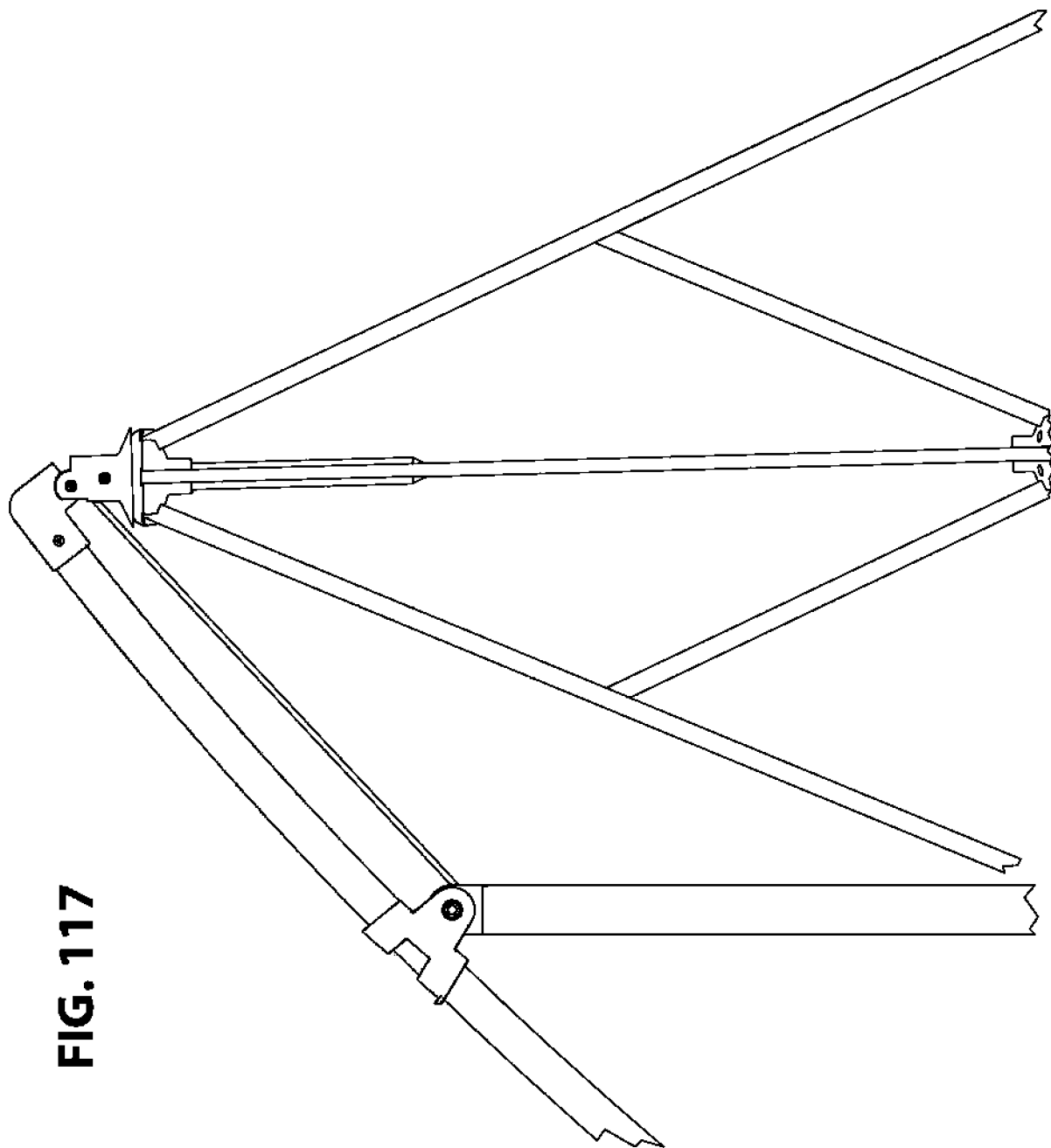
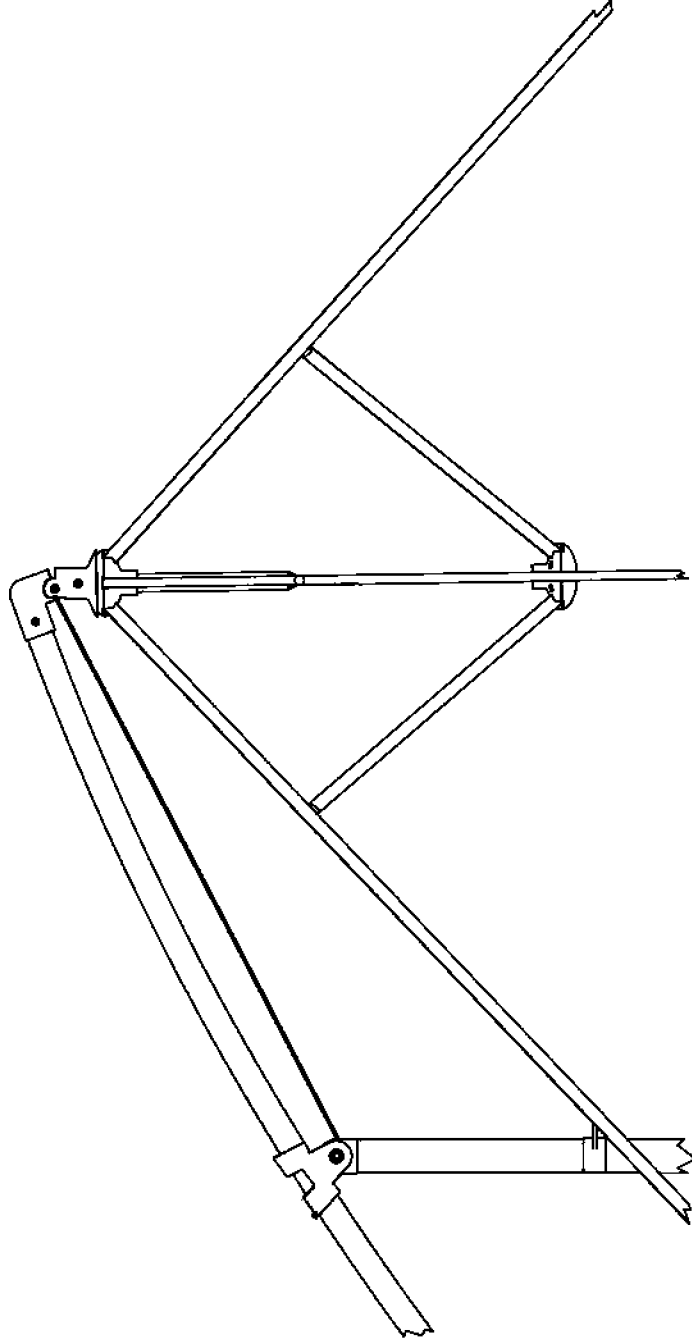


FIG. 117

123/190

FIG. 118



124/190

FIG. 119

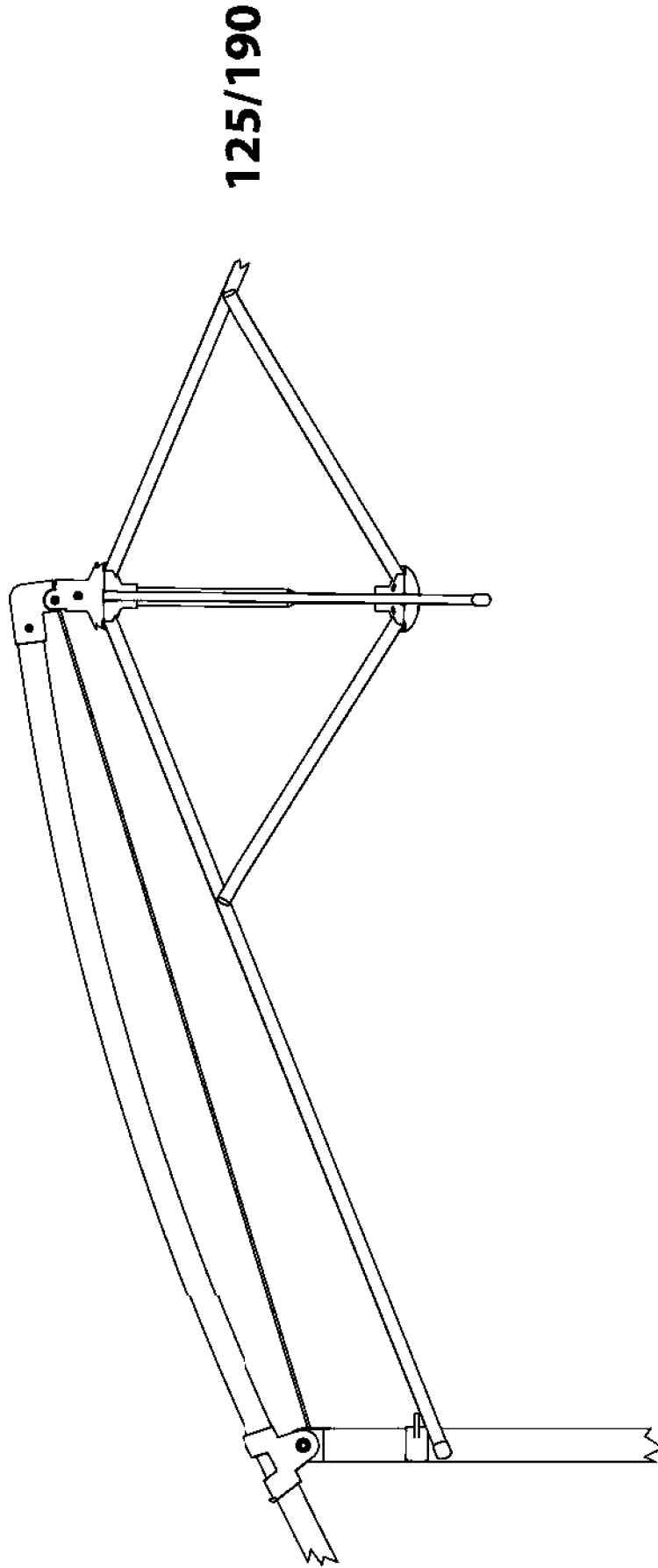
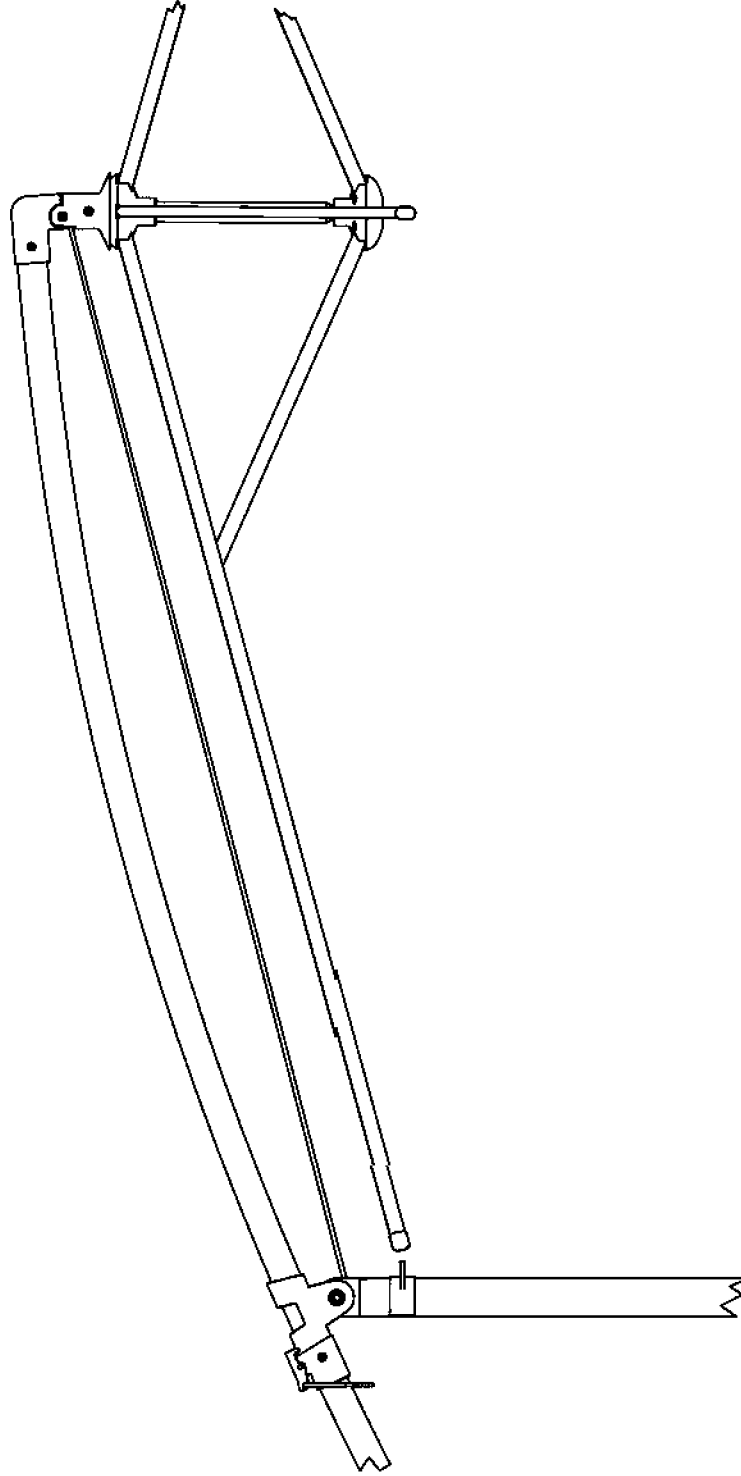
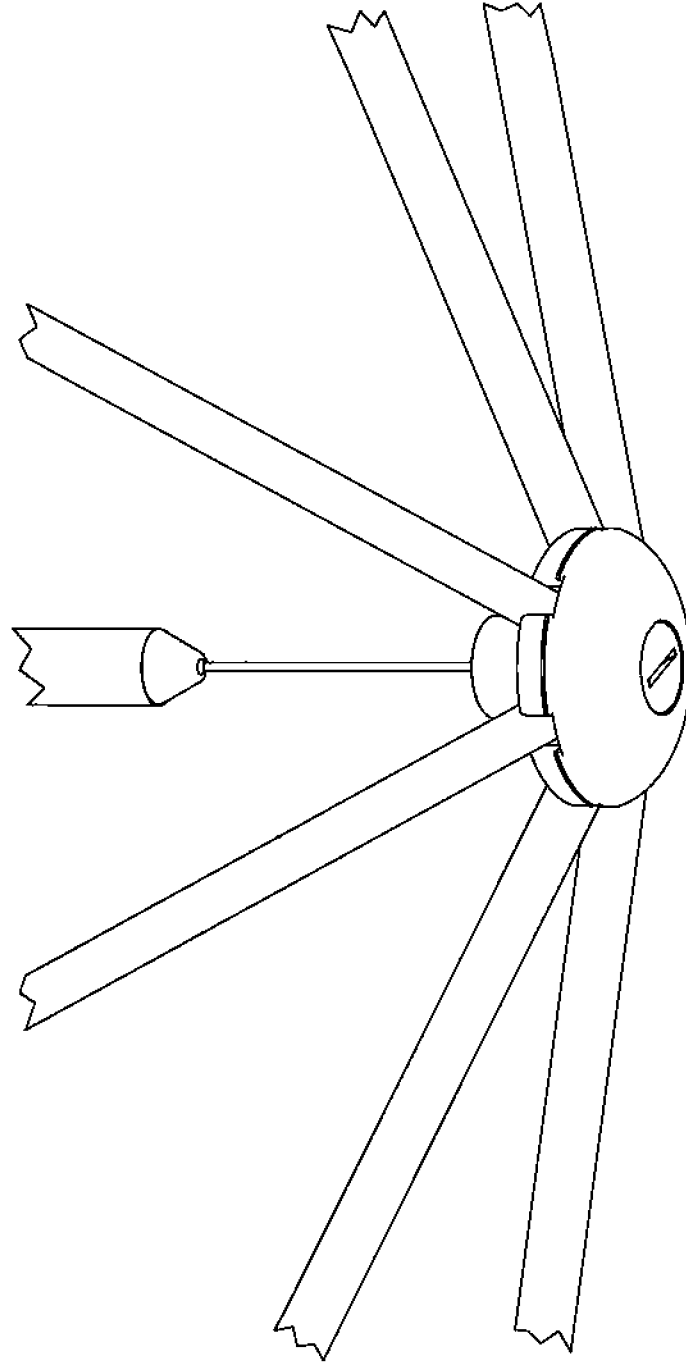


FIG. 120

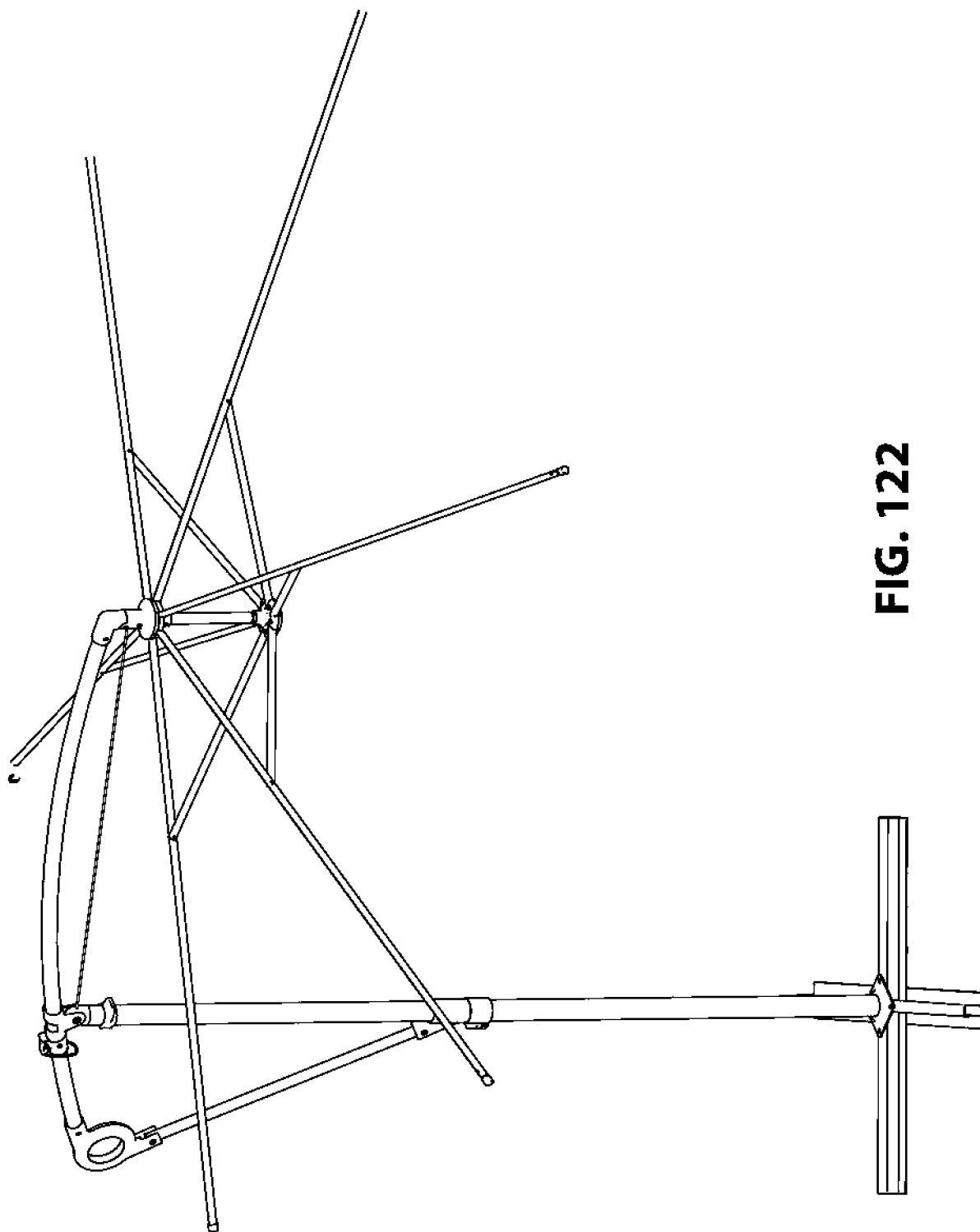


126/190

FIG. 121



127/190



128/190

FIG. 122

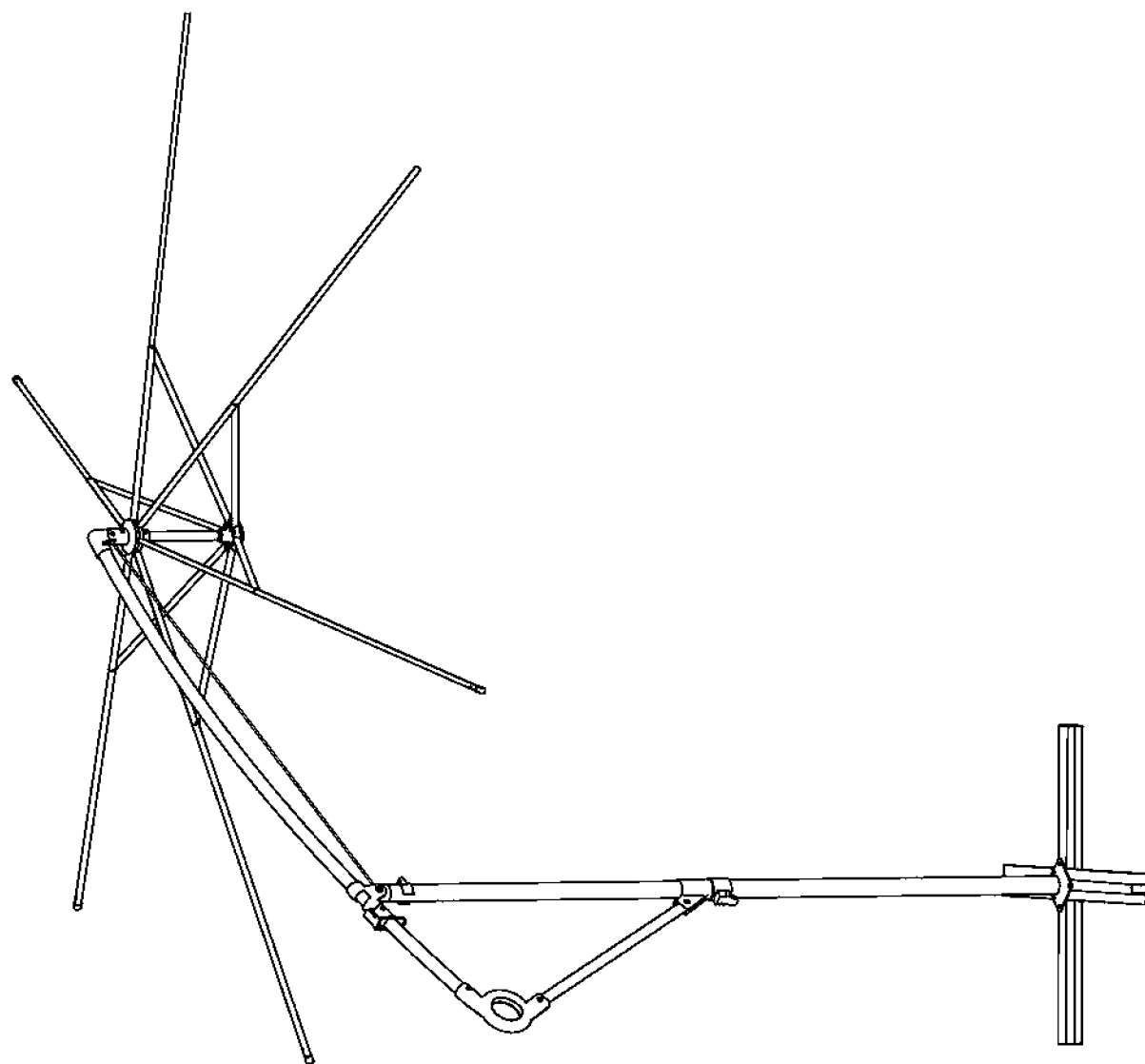
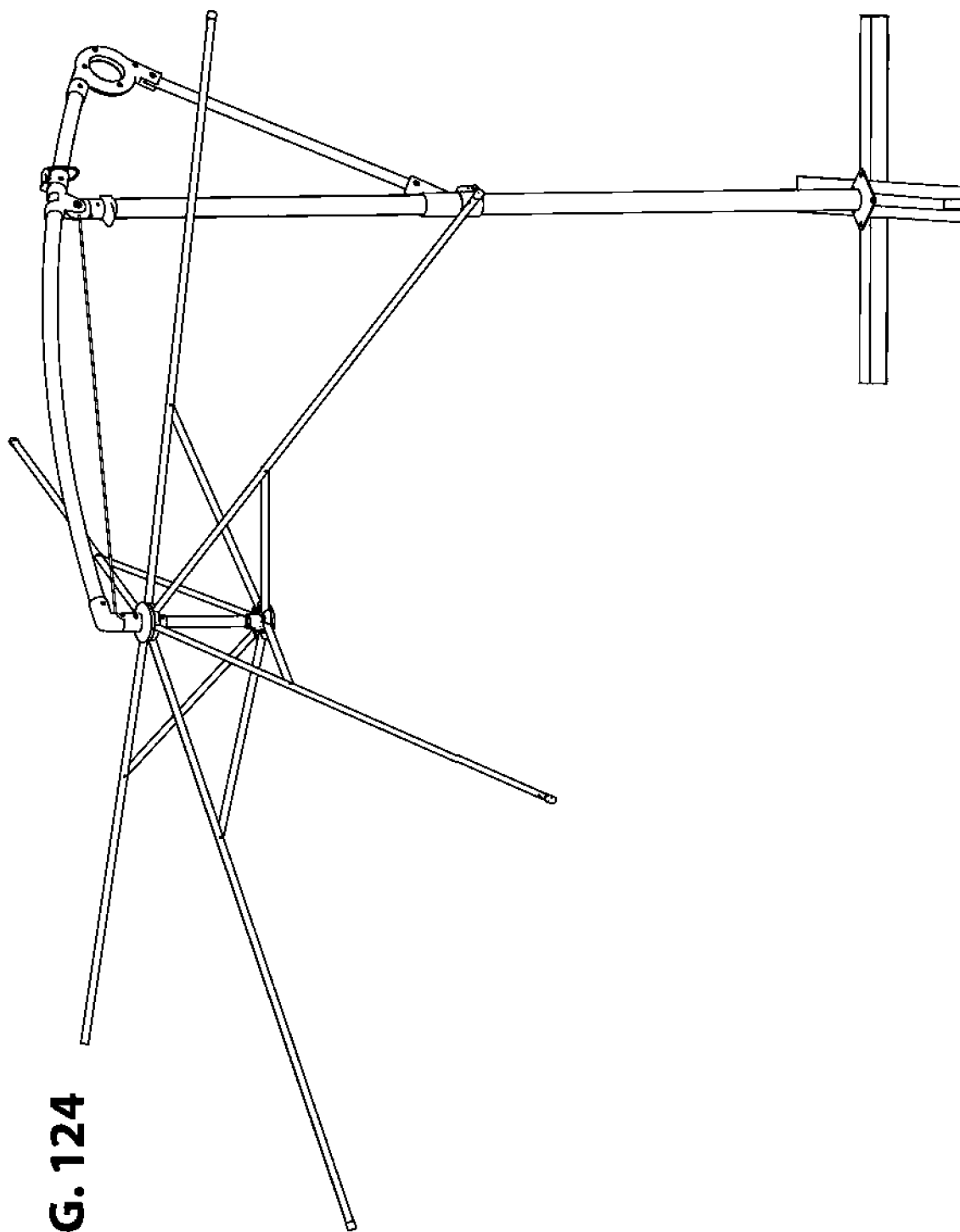


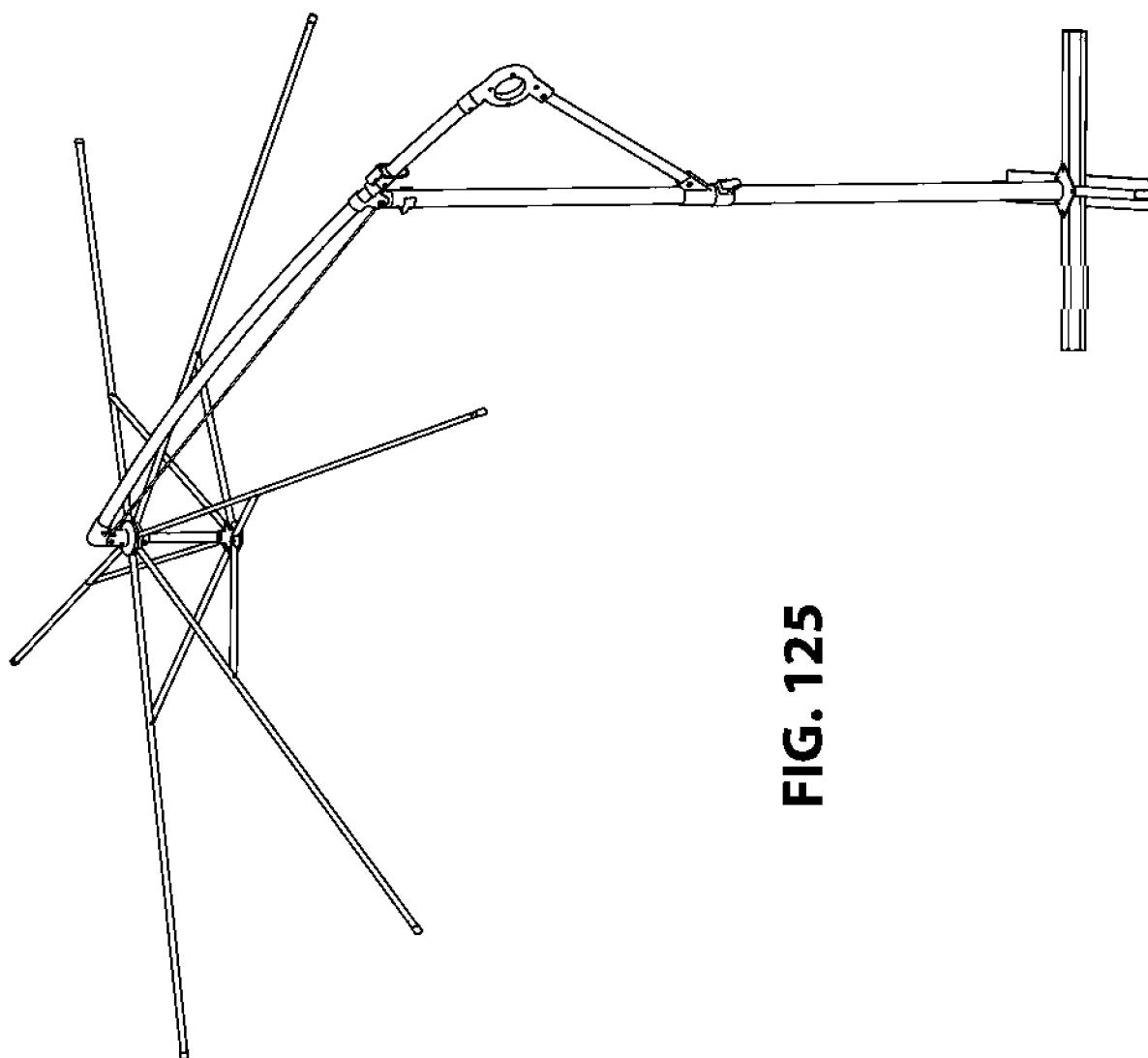
FIG. 123

129/190



130/190

FIG. 124



131/190

FIG. 125

132/190

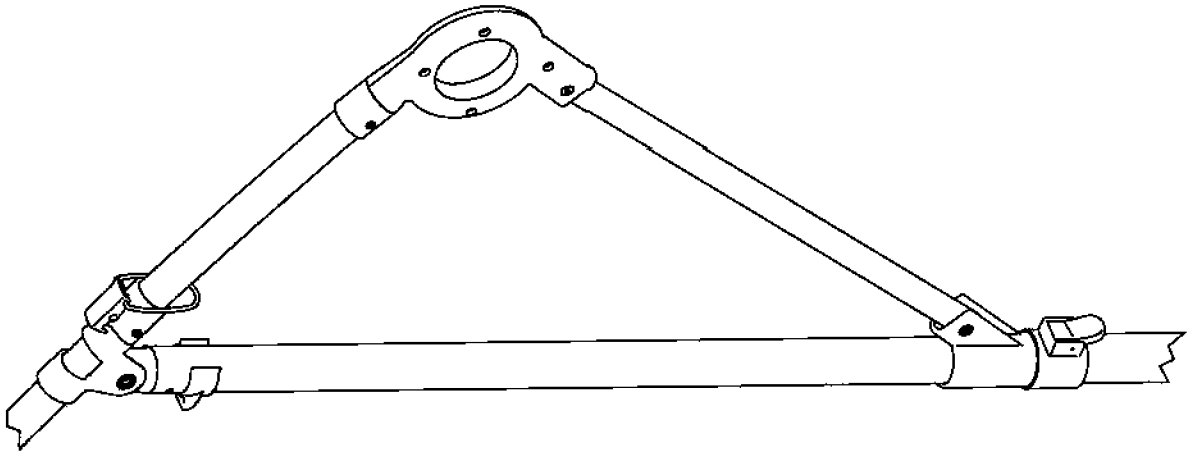


FIG. 126

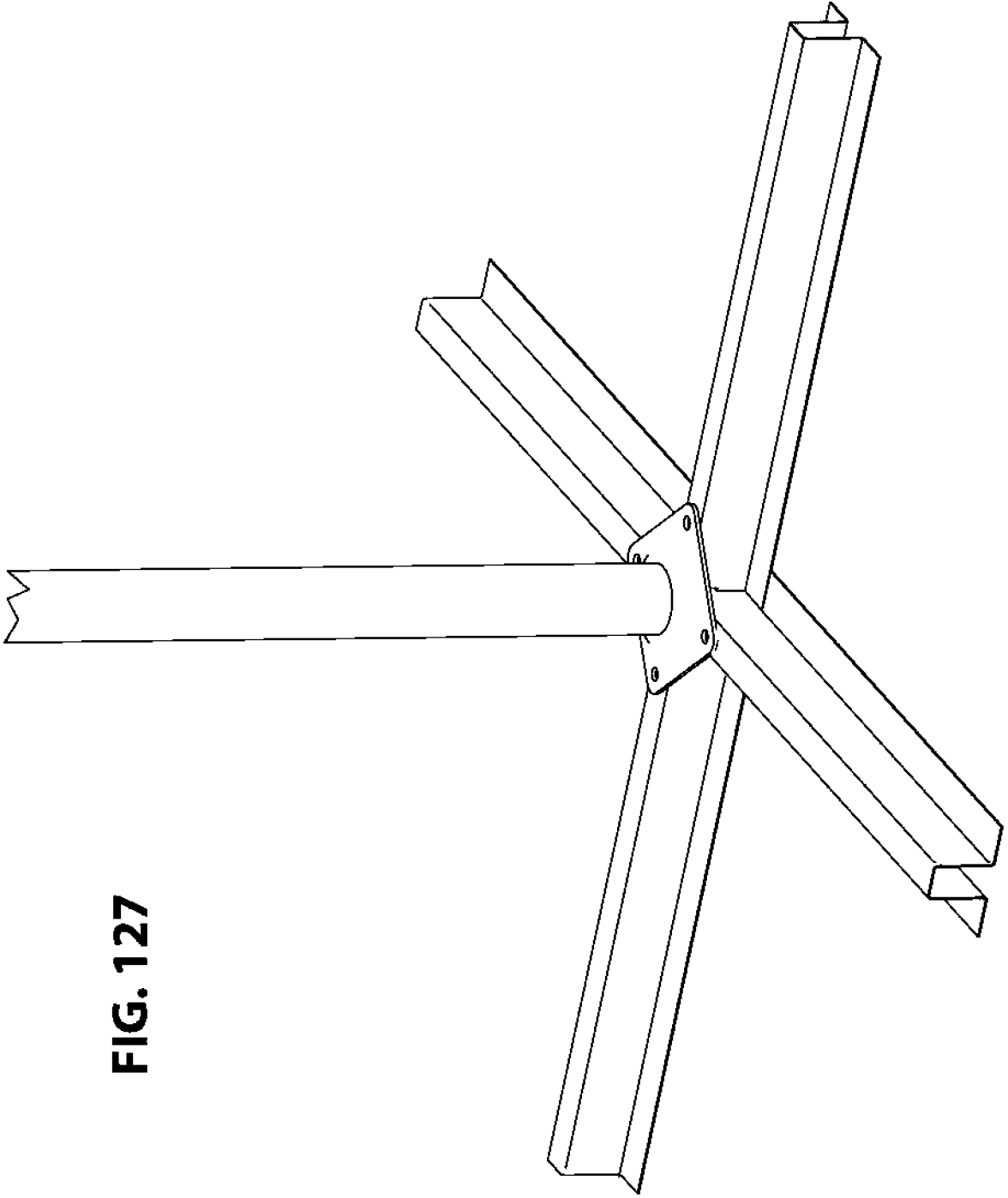
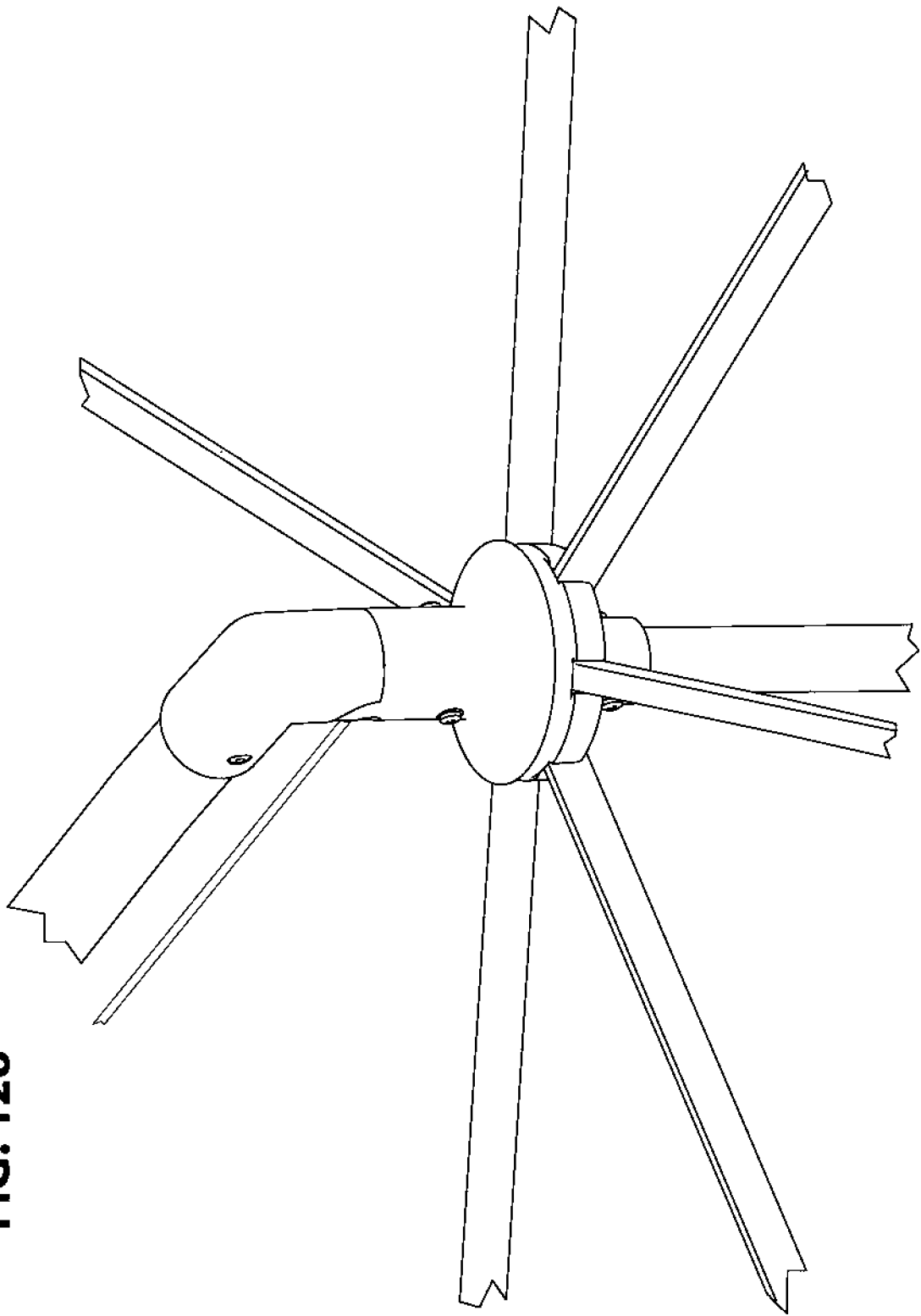


FIG. 127

133/190

FIG. 128



134/190

135/190

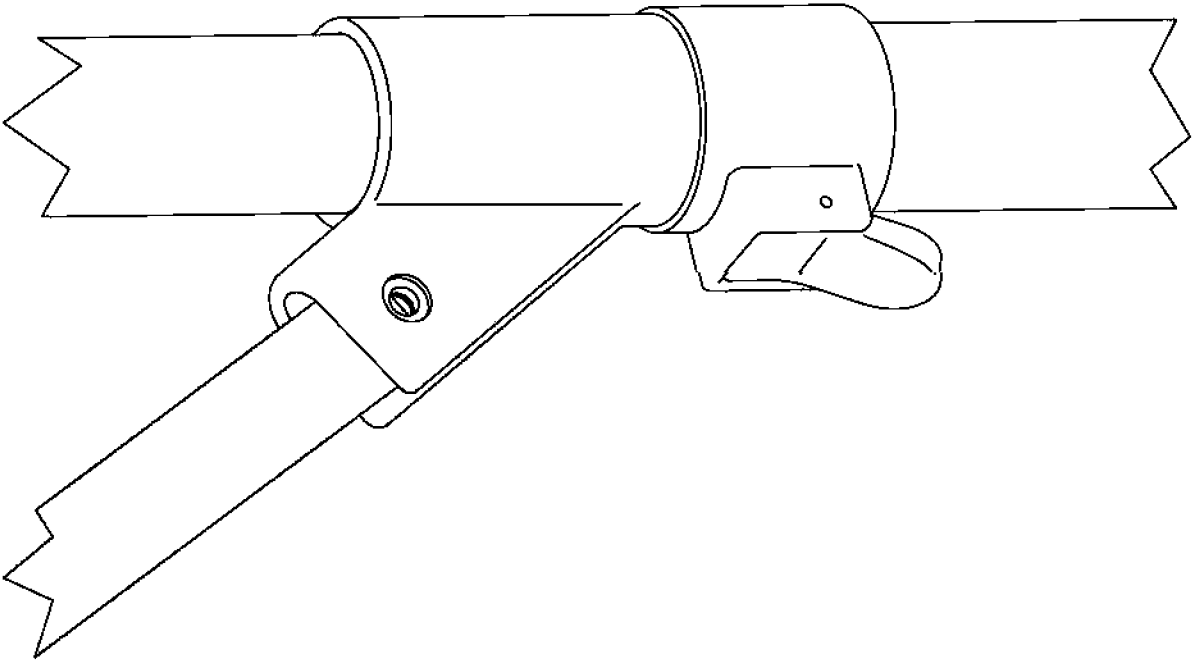


FIG. 129

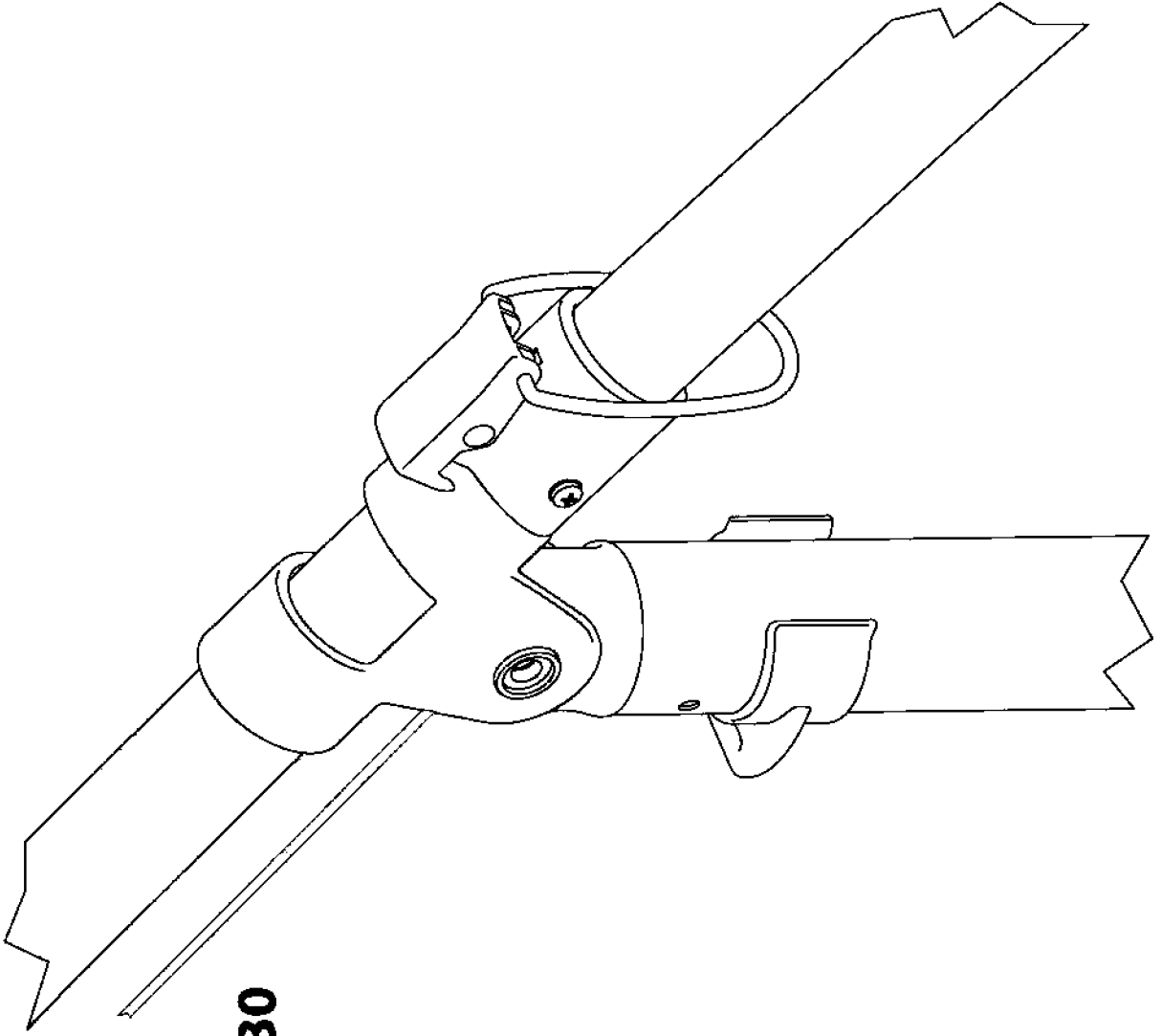
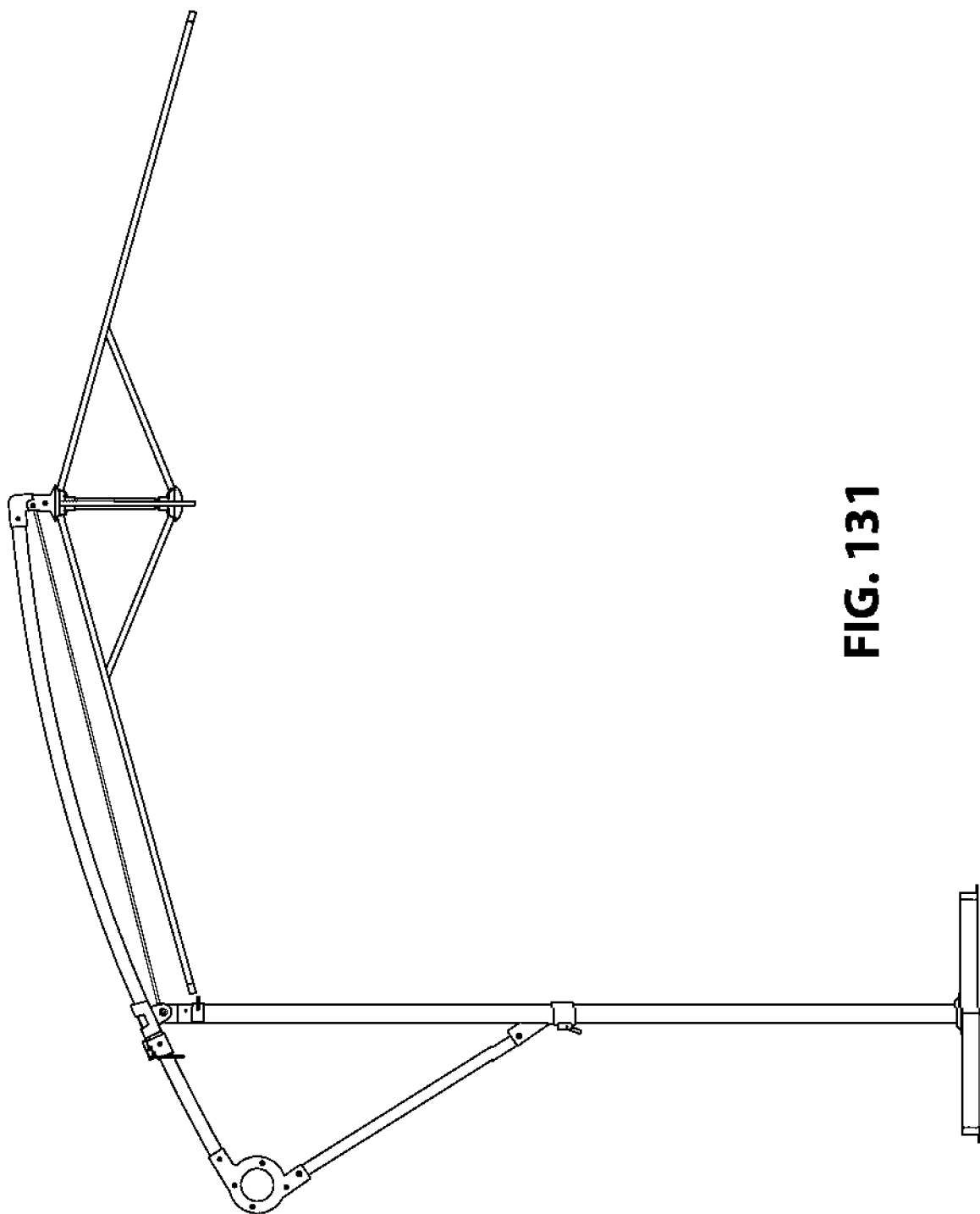


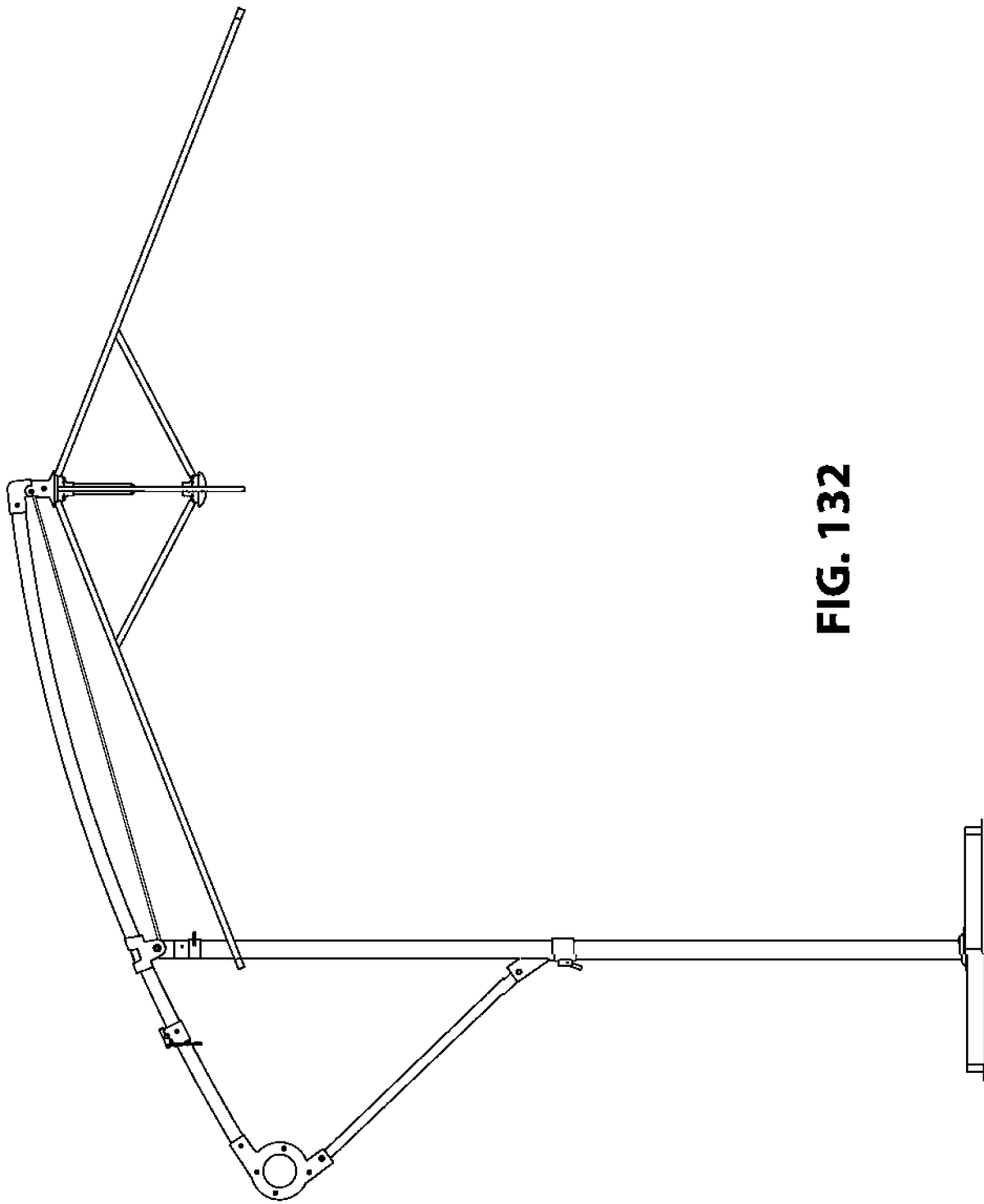
FIG. 130

136/190



137/190

FIG. 131



138/190

FIG. 132

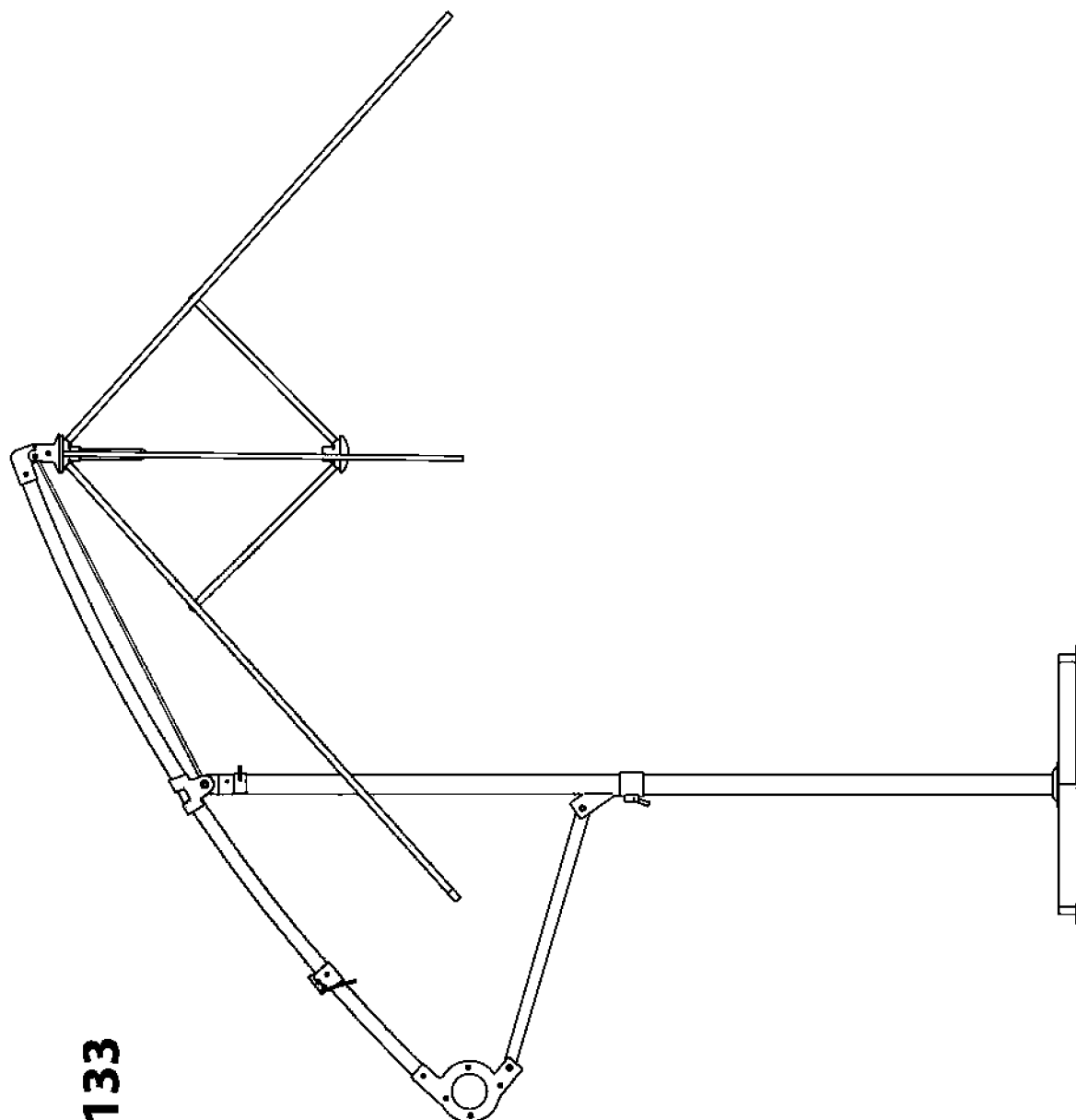


FIG. 133

139/190

140/190

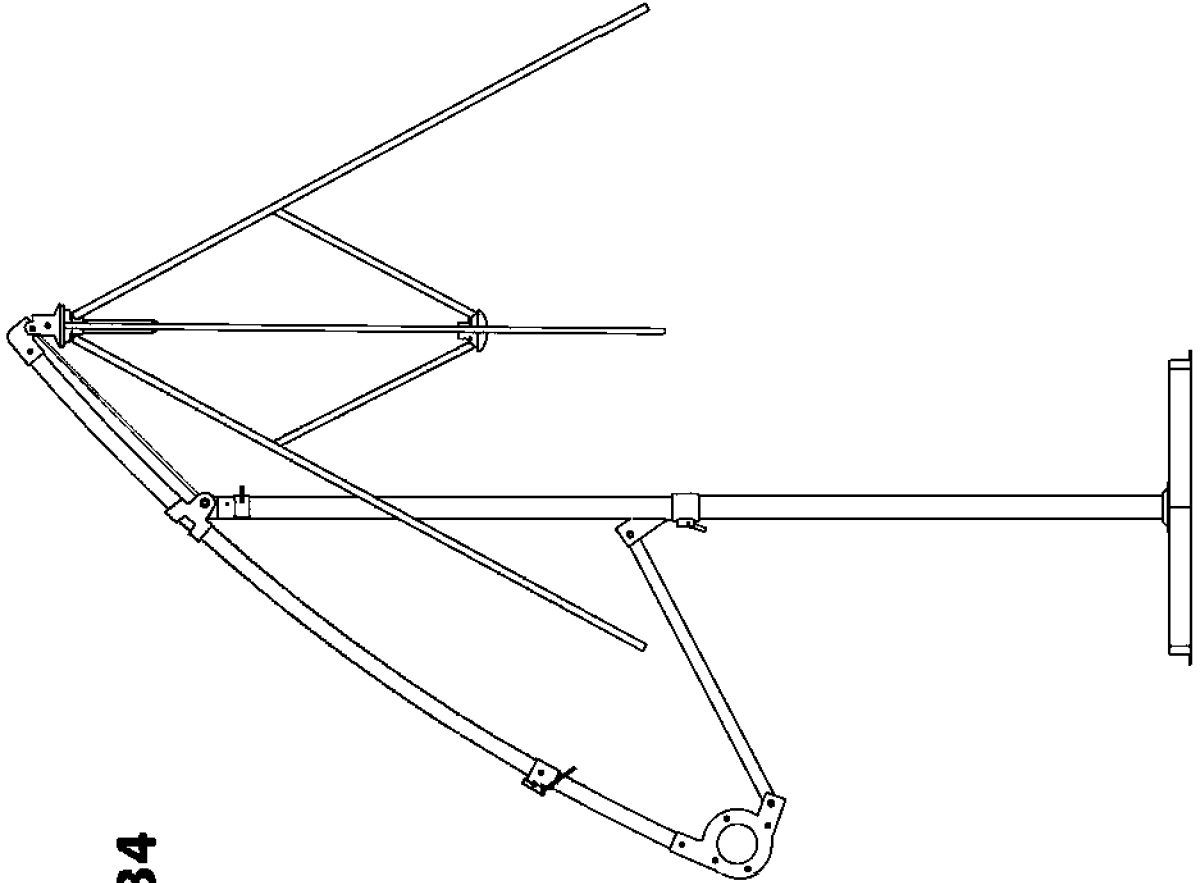


FIG. 134

141/190

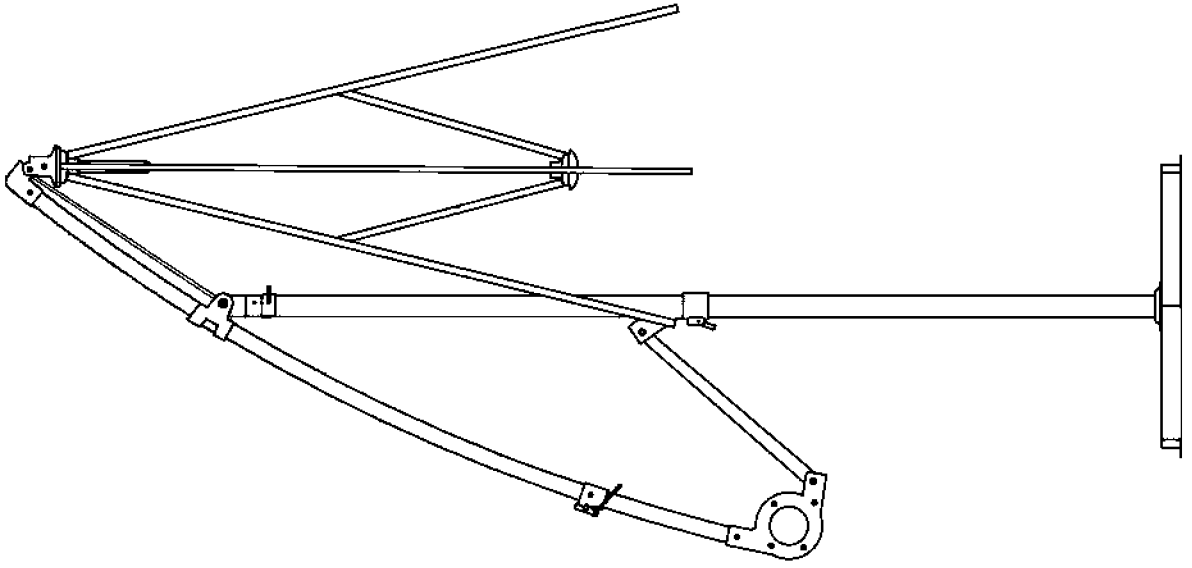


FIG. 135

142/190

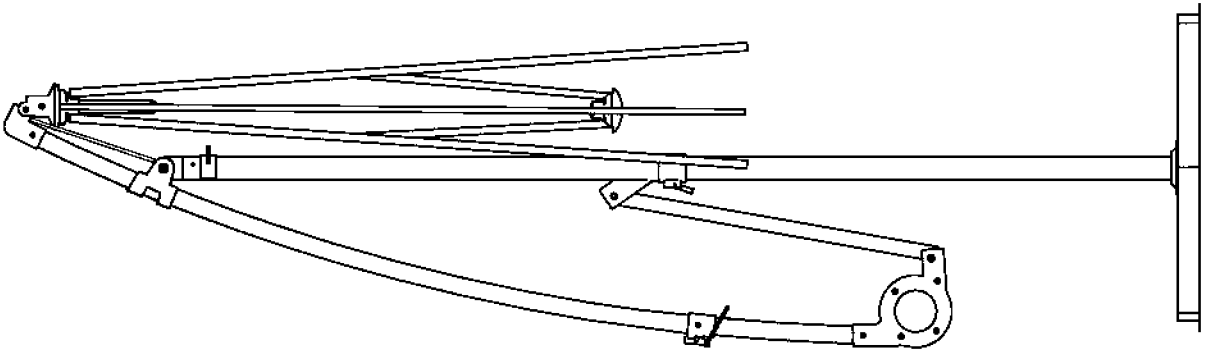
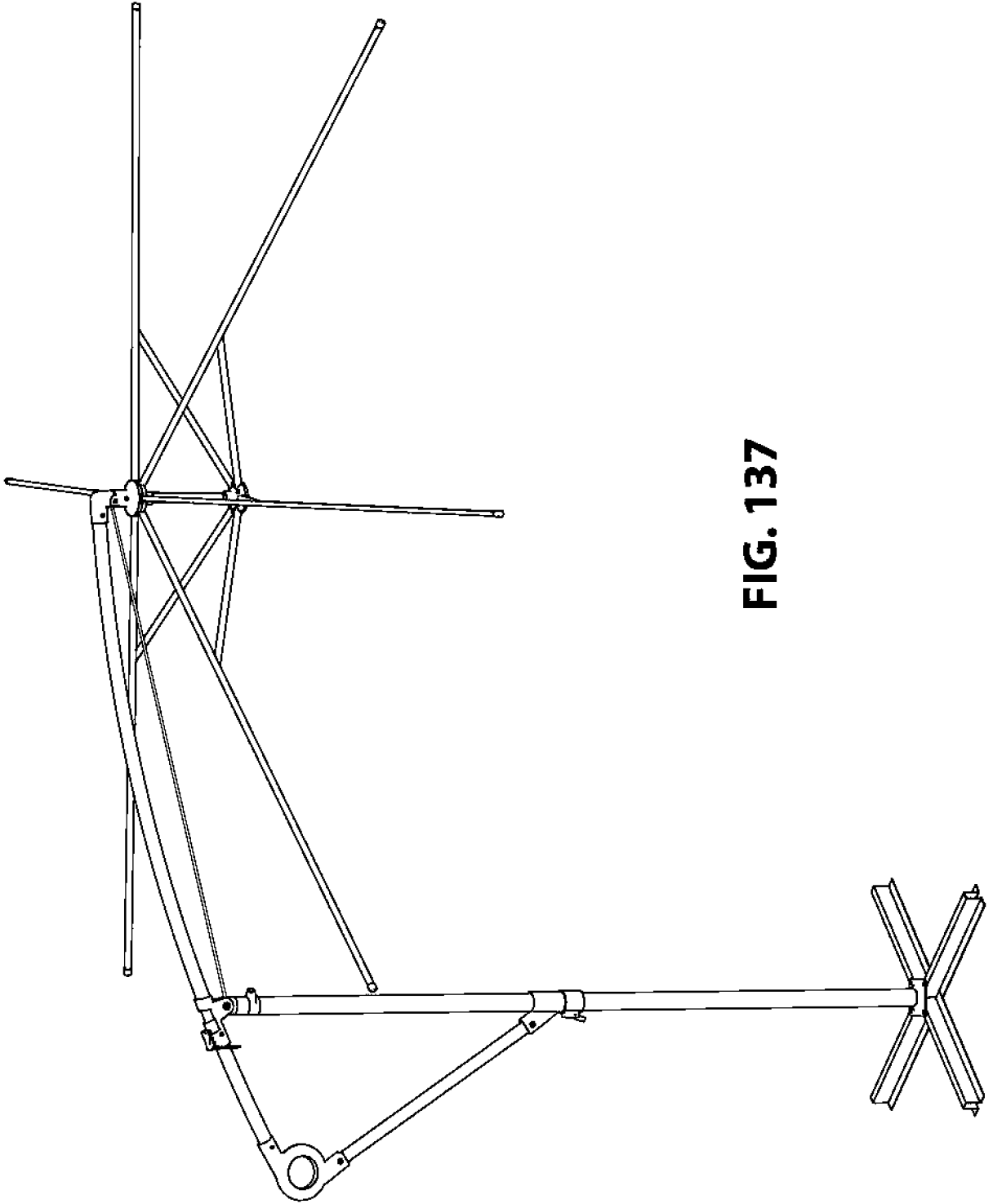


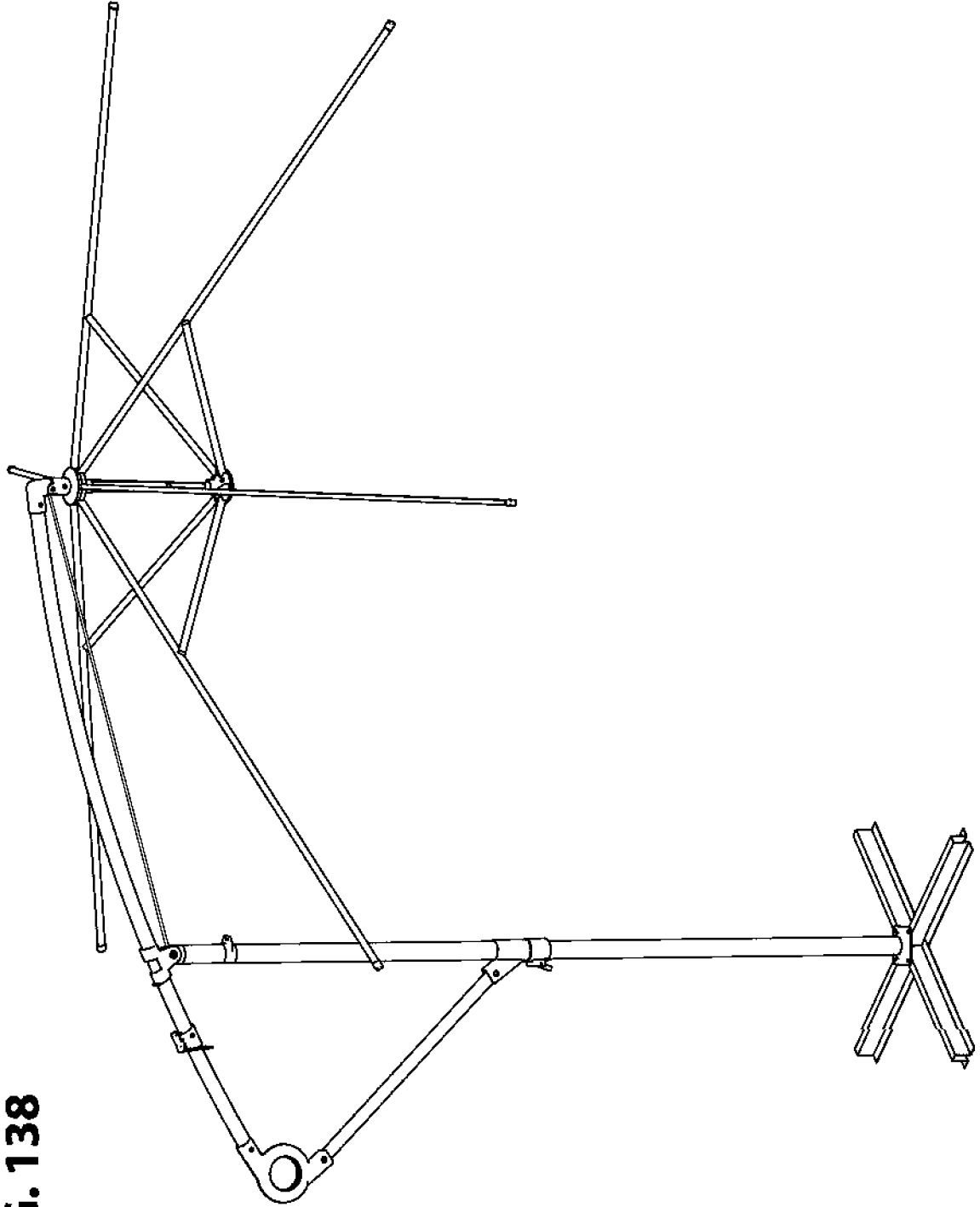
FIG. 136



143/190

FIG. 137

FIG. 138



144/190

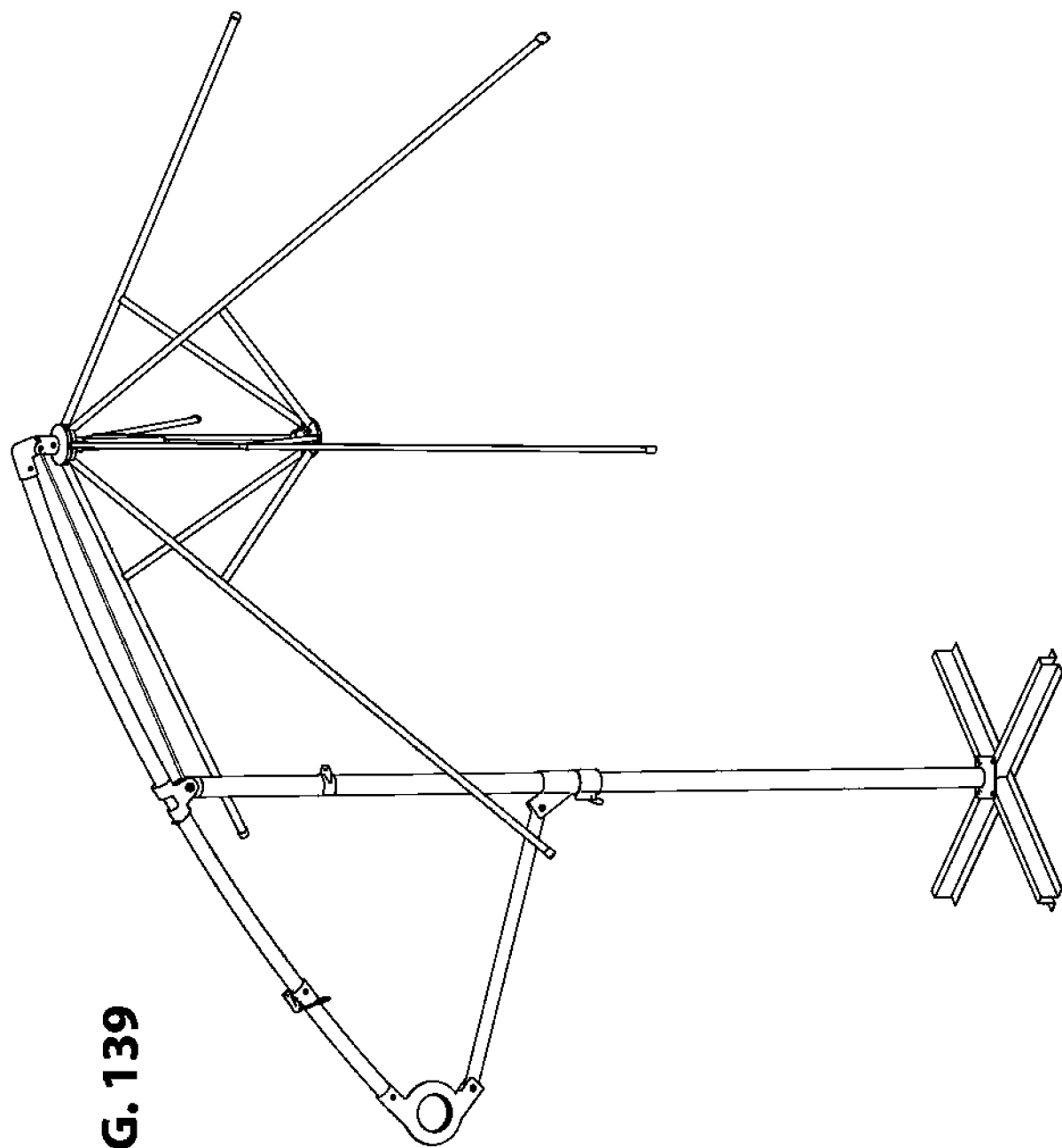


FIG. 139

145/190

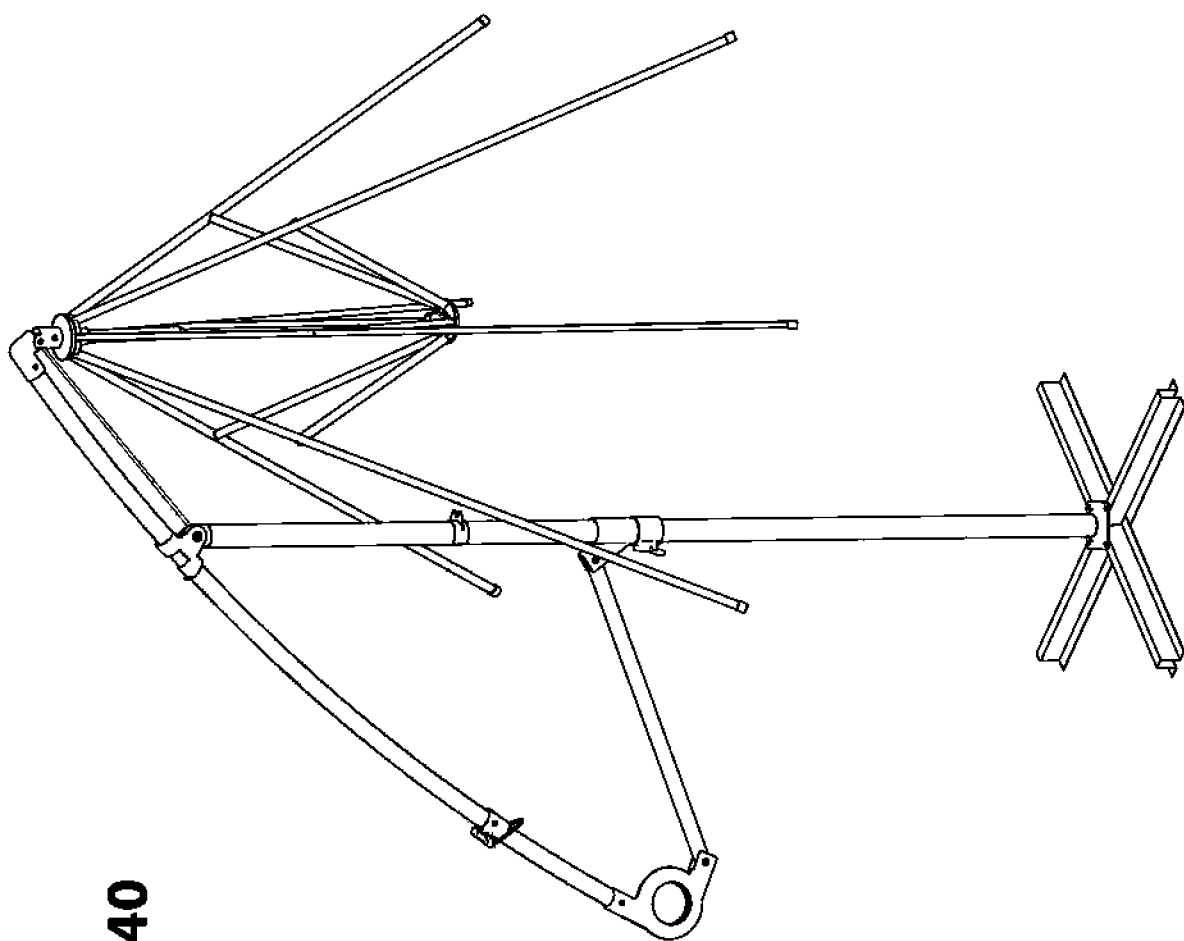


FIG. 140

146/190

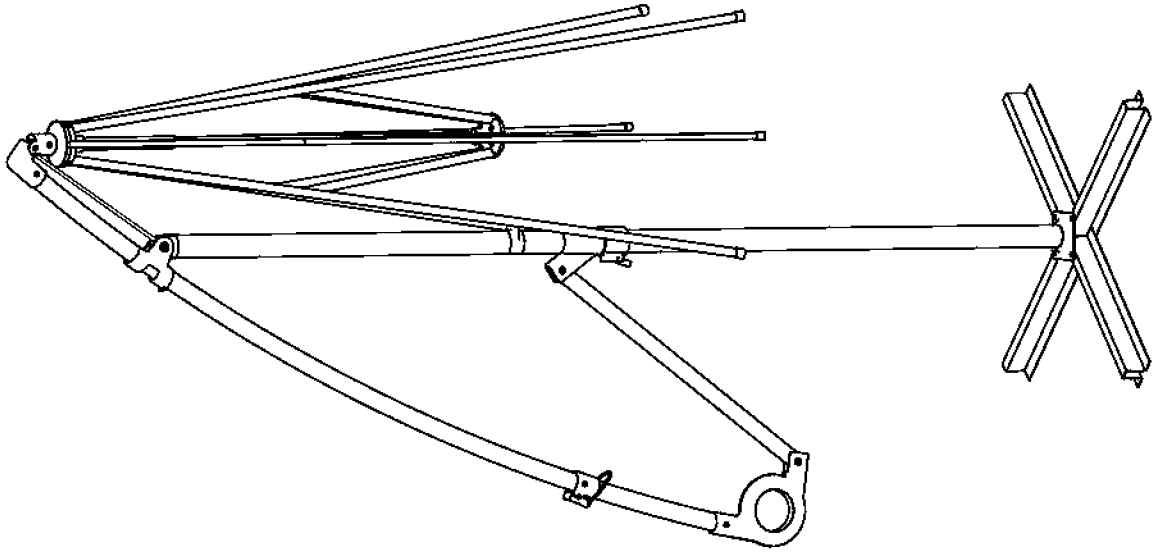
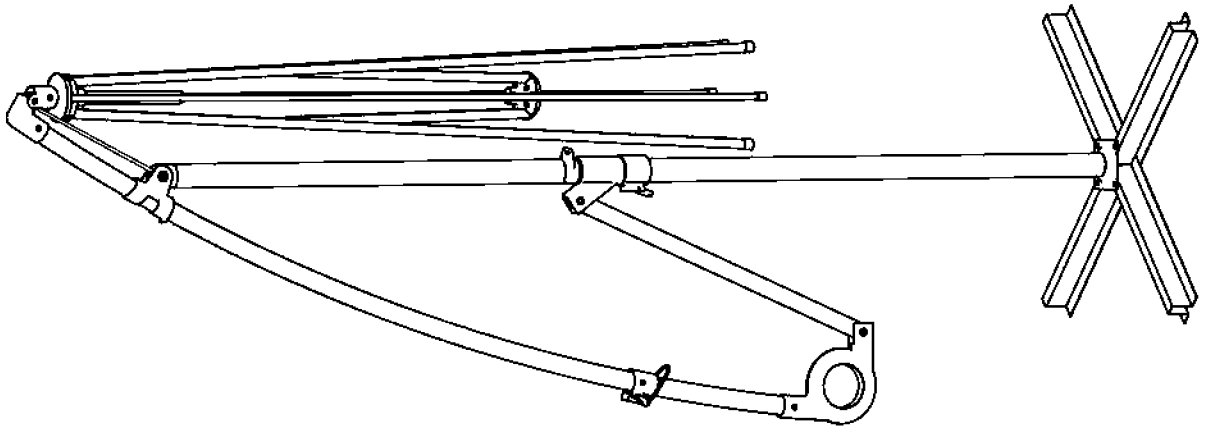


FIG. 141

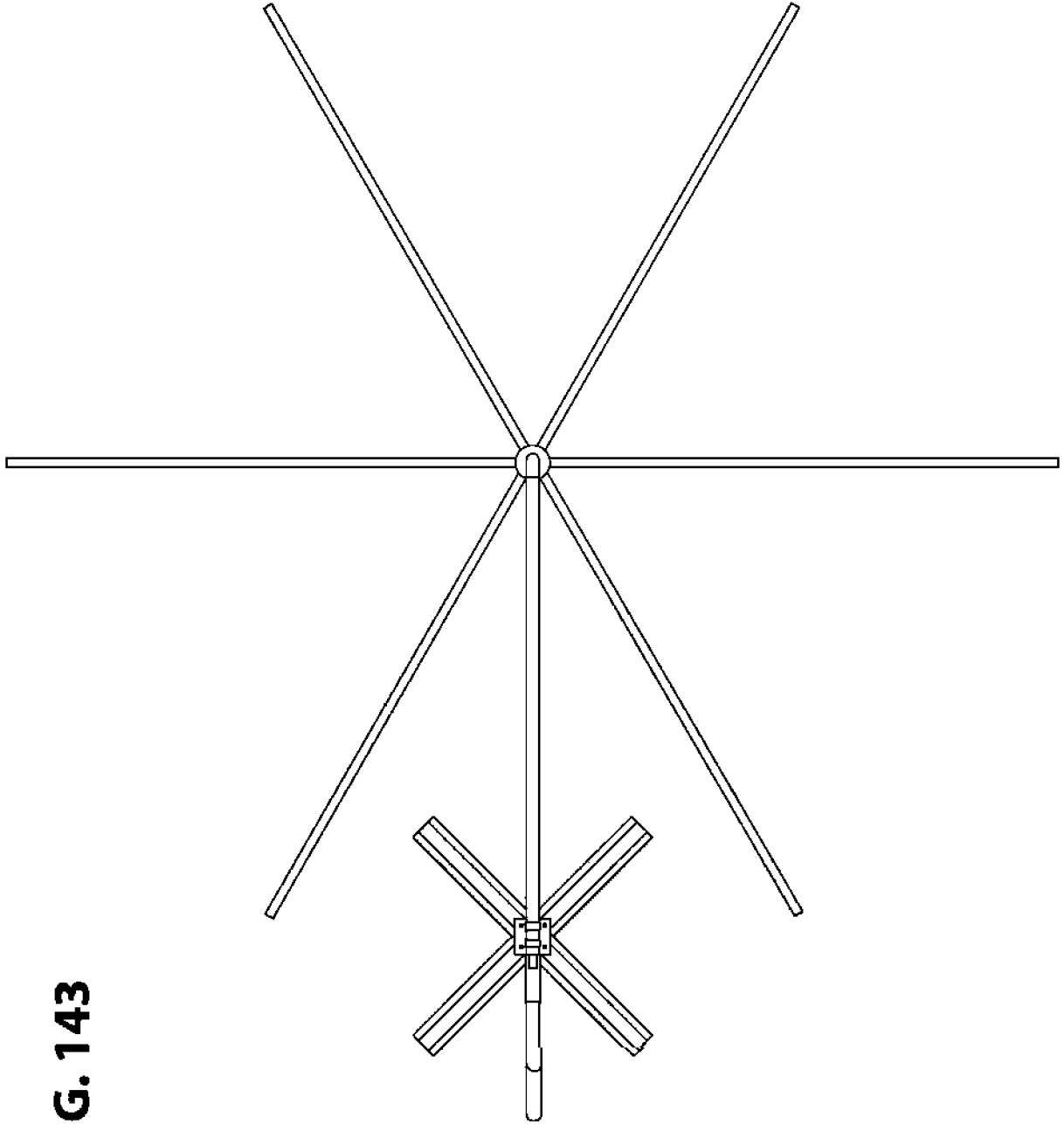
147/190



148/190

FIG. 142

FIG. 143



149/190

150/190

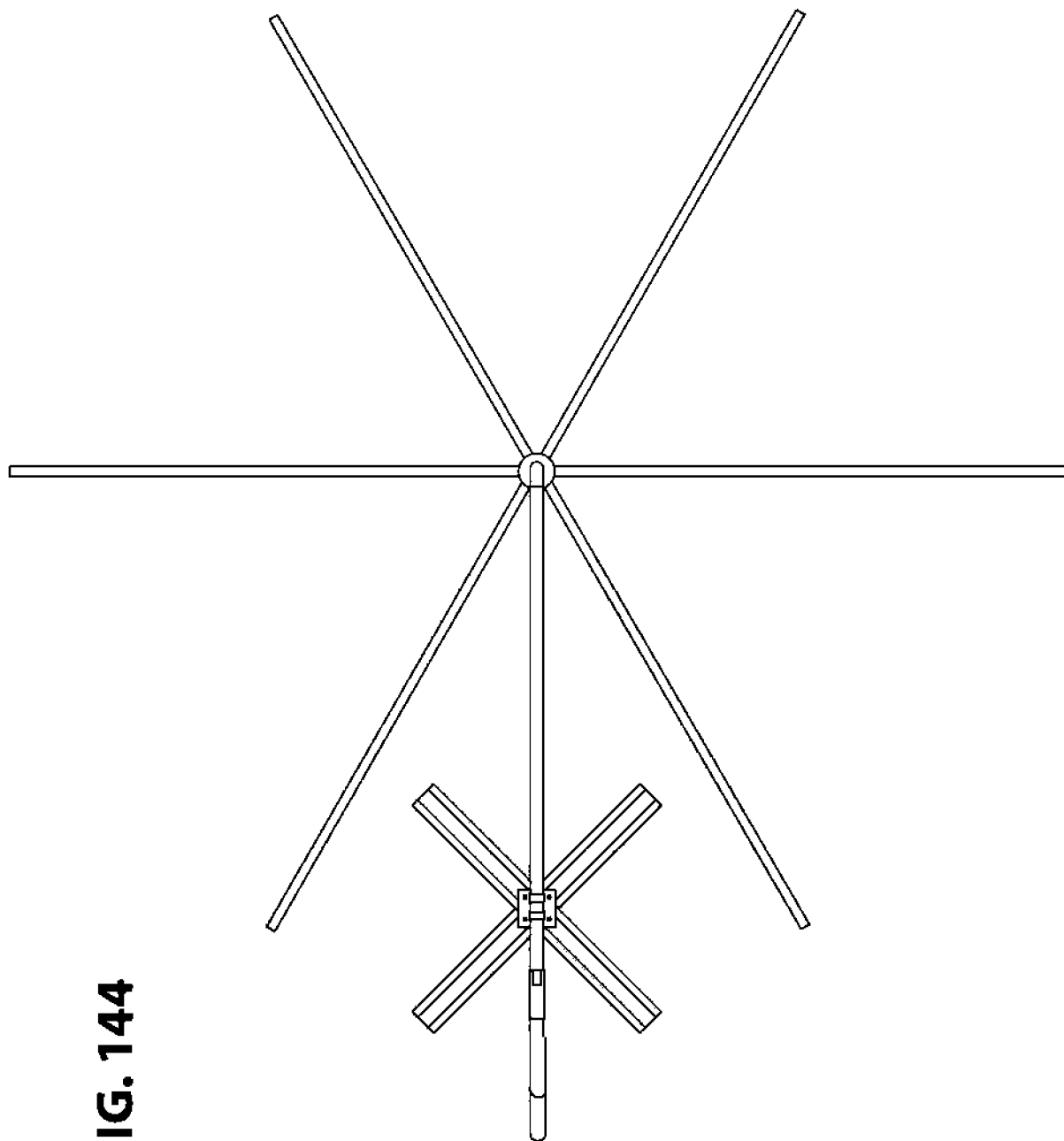
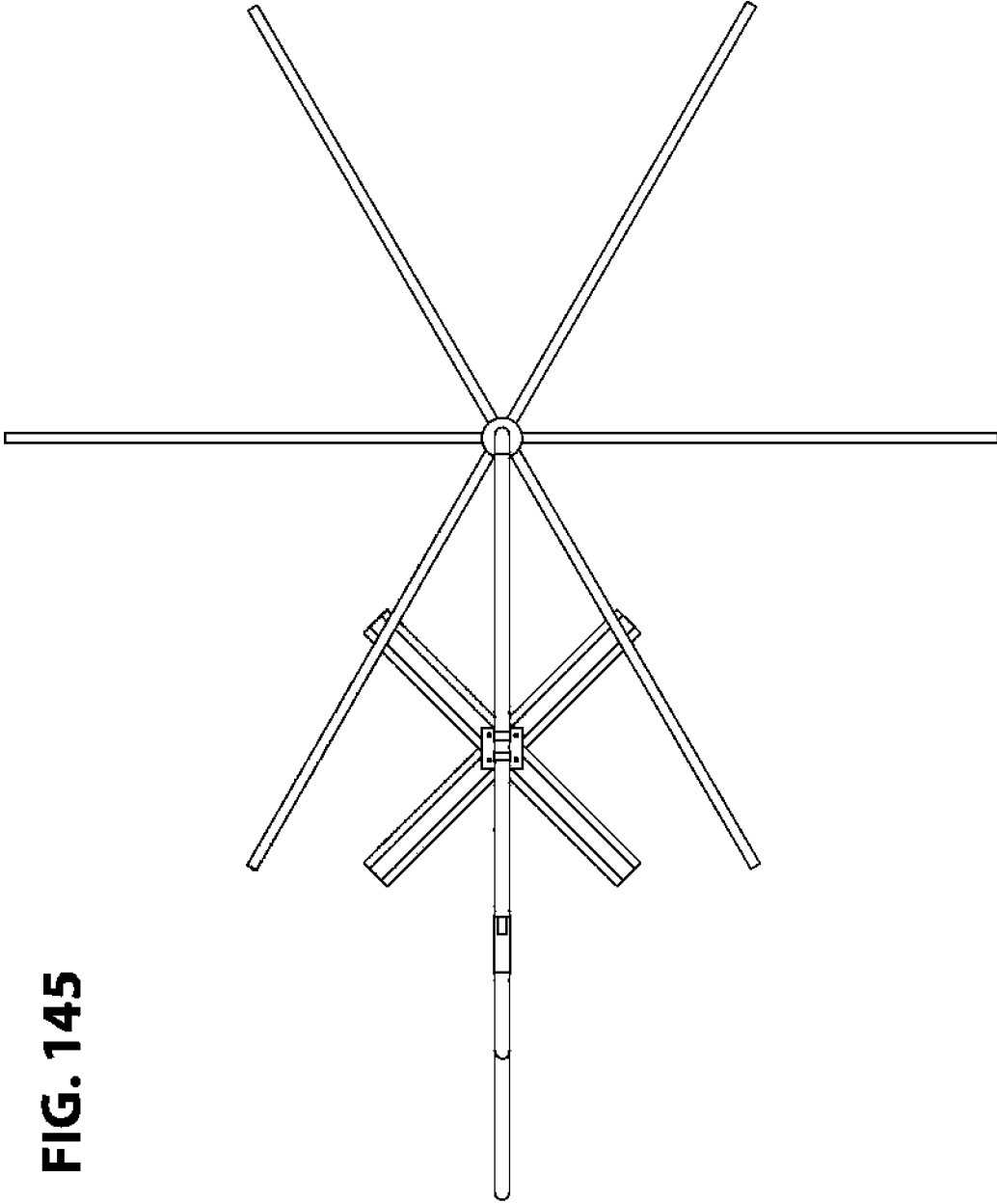


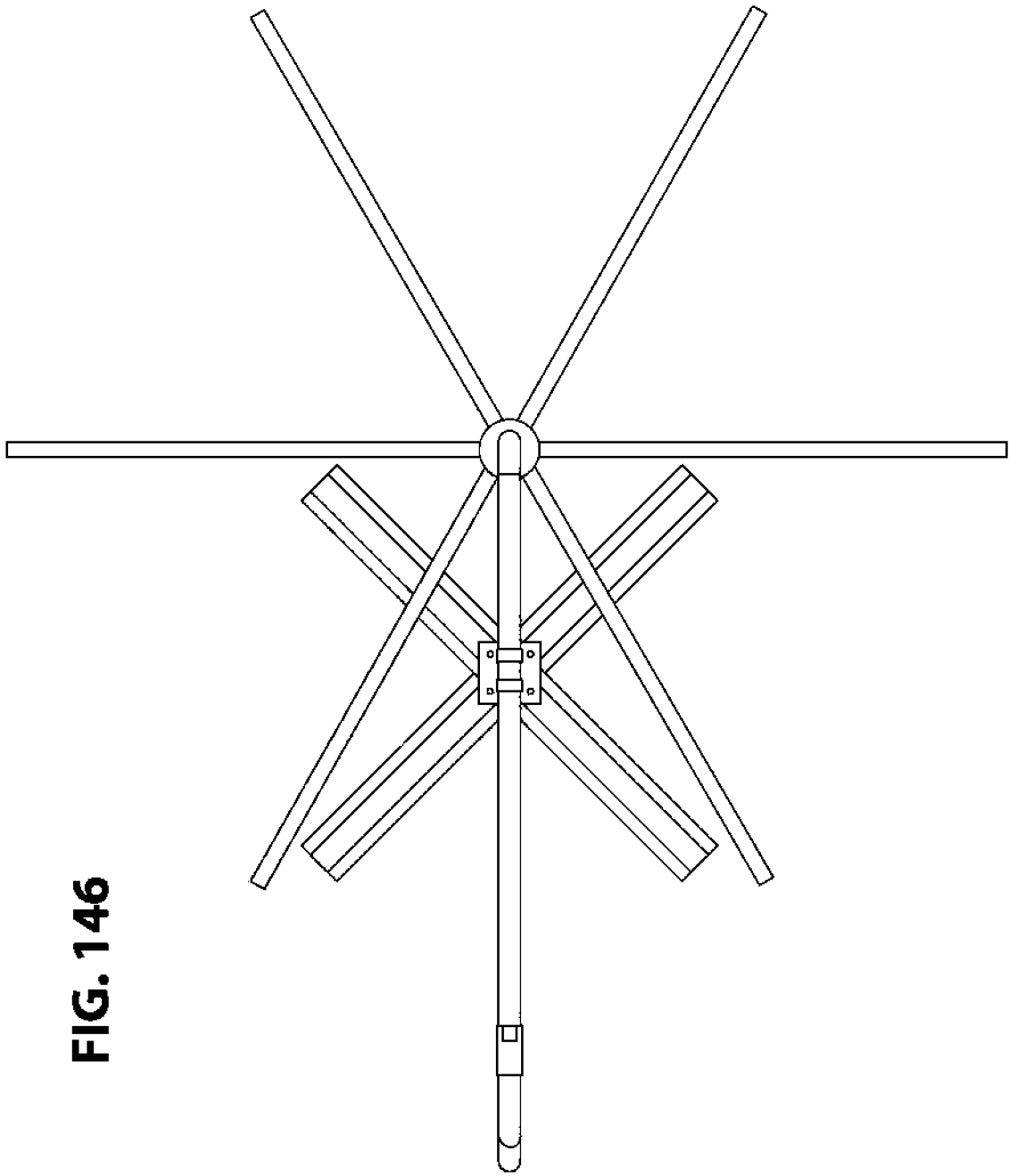
FIG. 144

FIG. 145



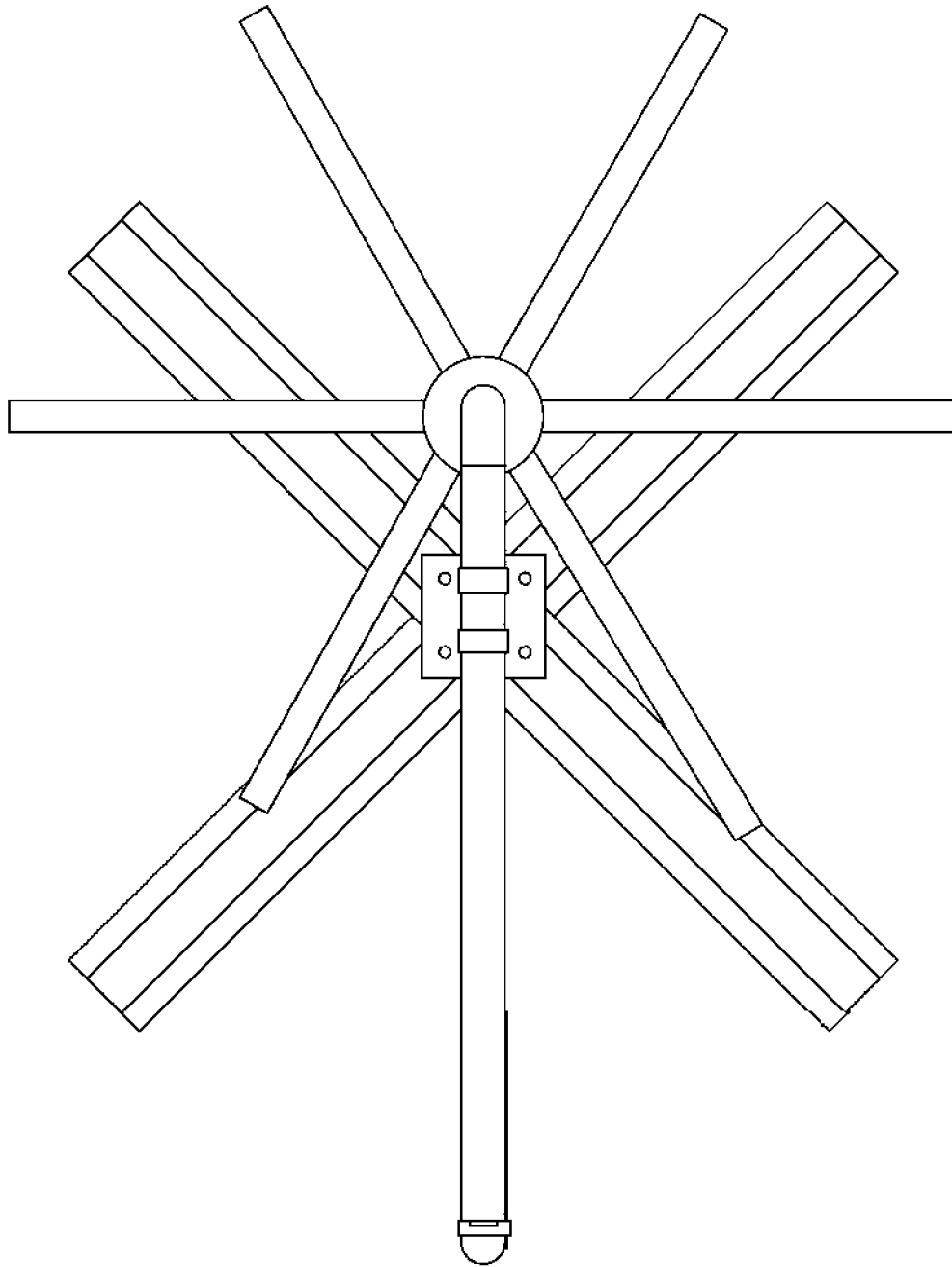
151/190

FIG. 146



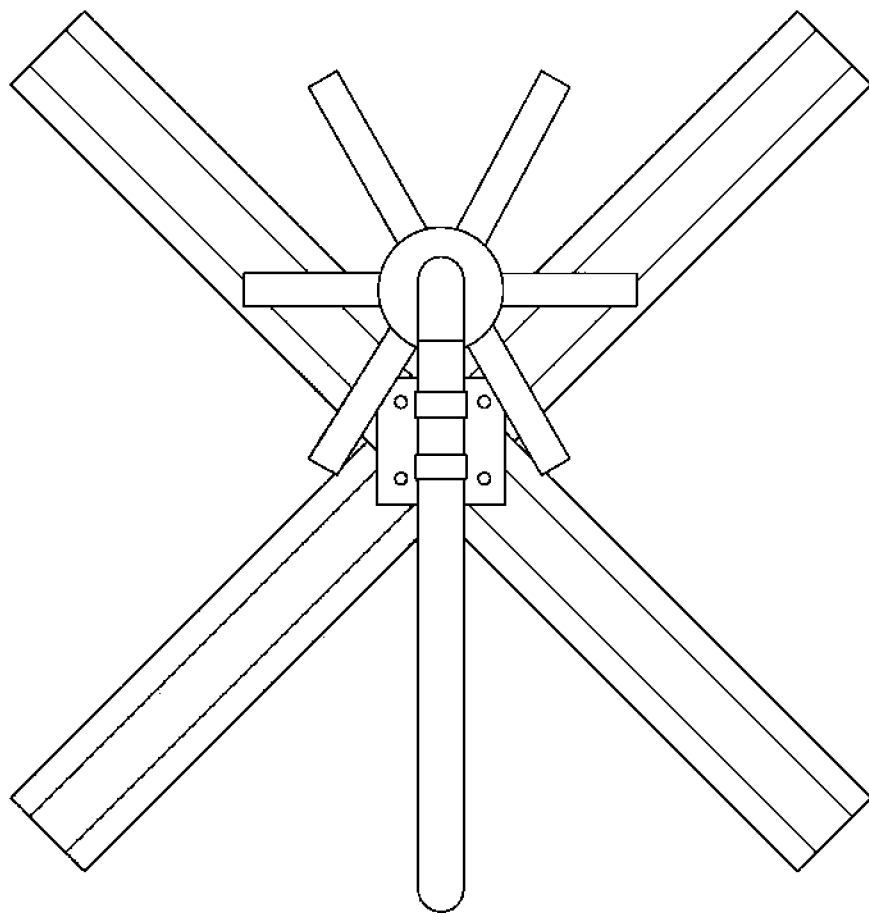
152/190

FIG. 147



153/190

FIG. 148



154/190

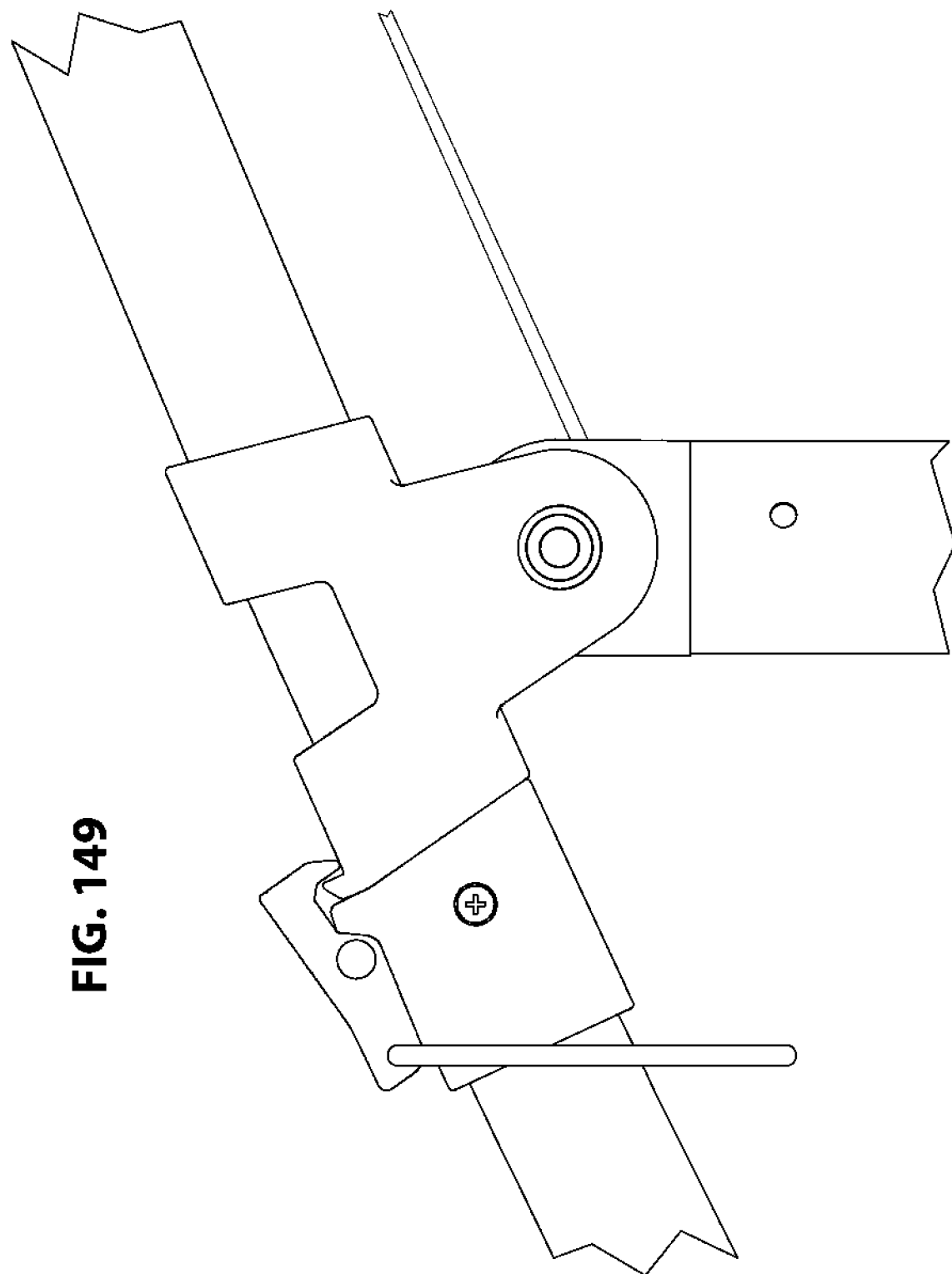
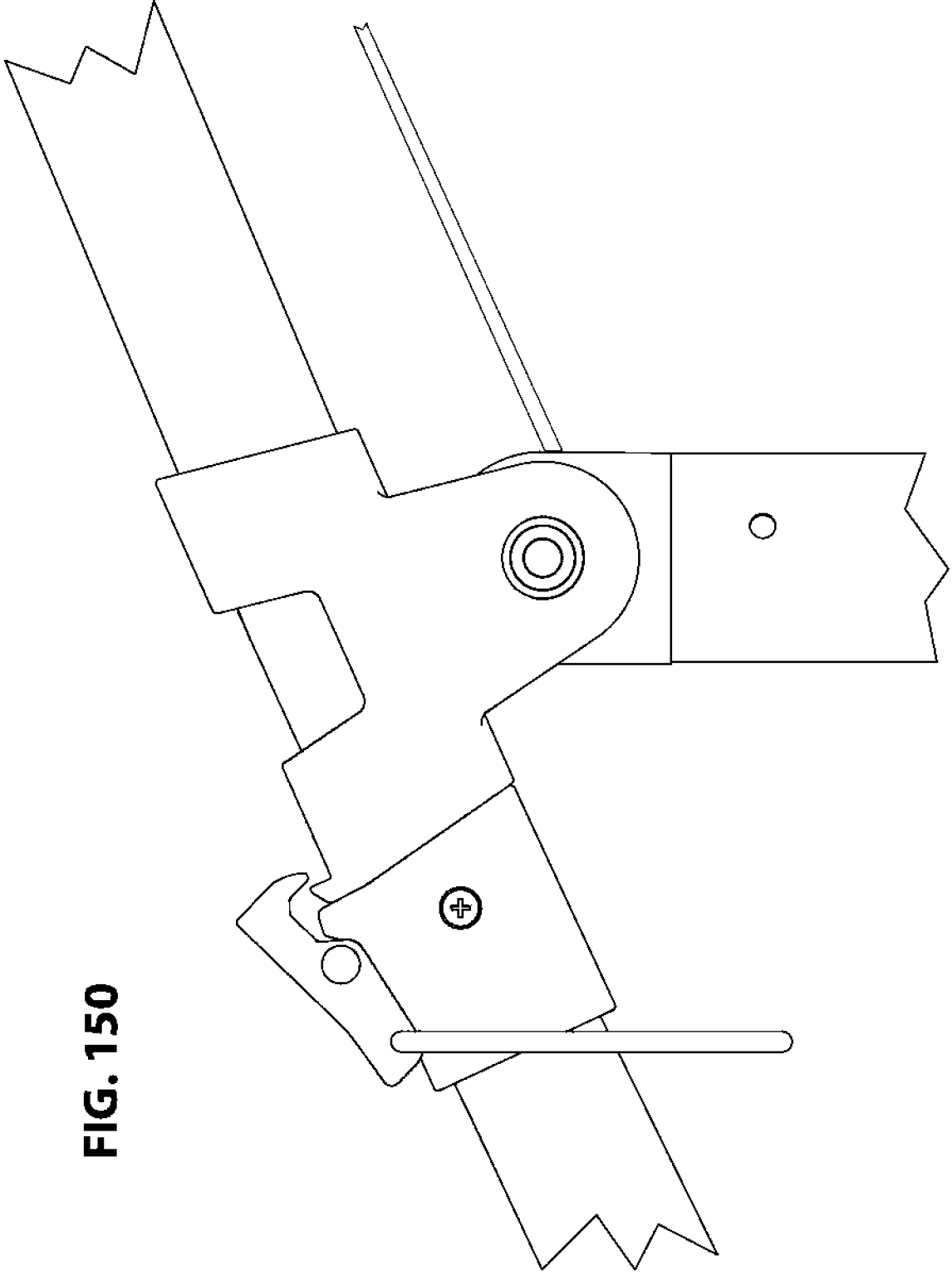


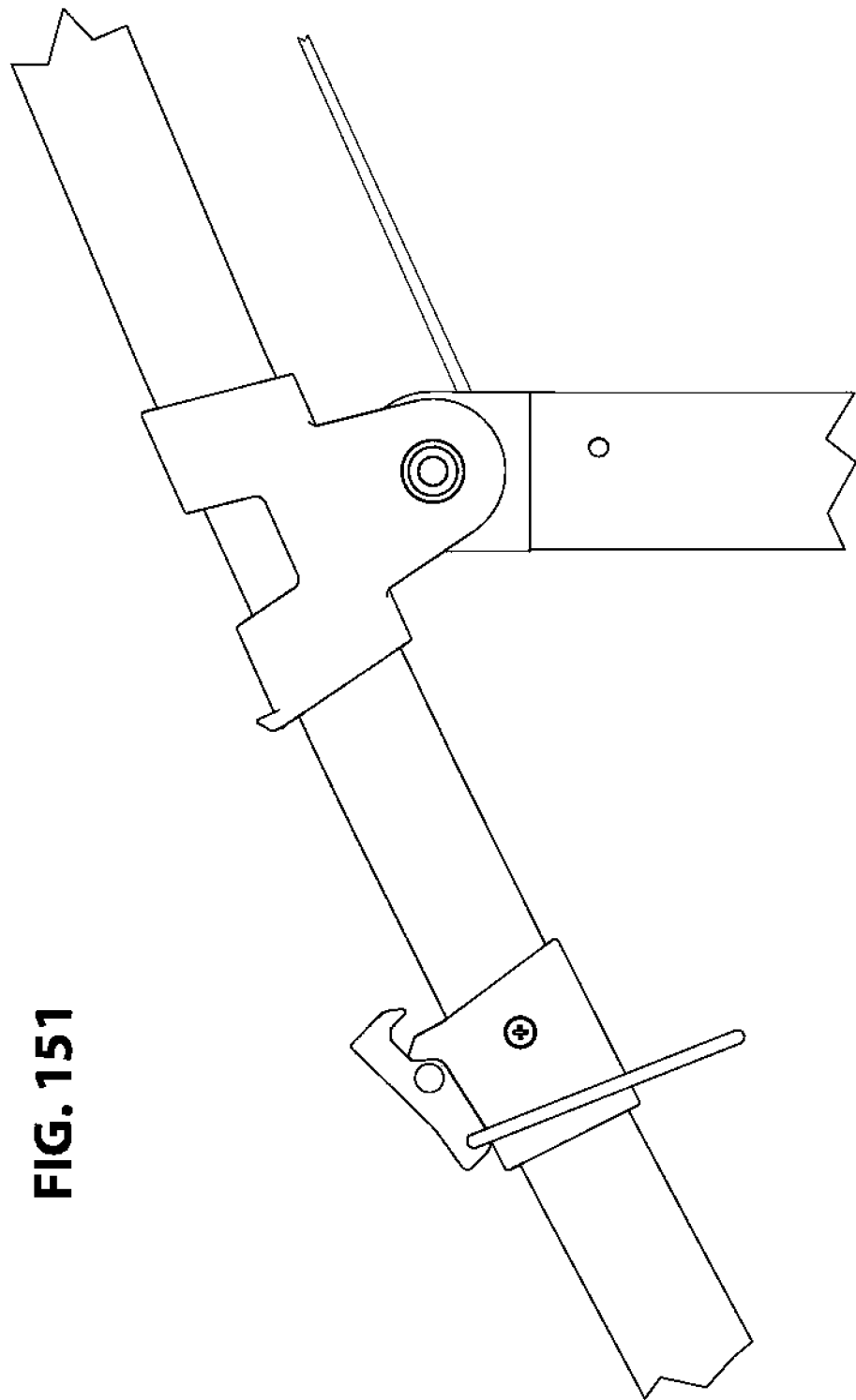
FIG. 149

155/190

FIG. 150

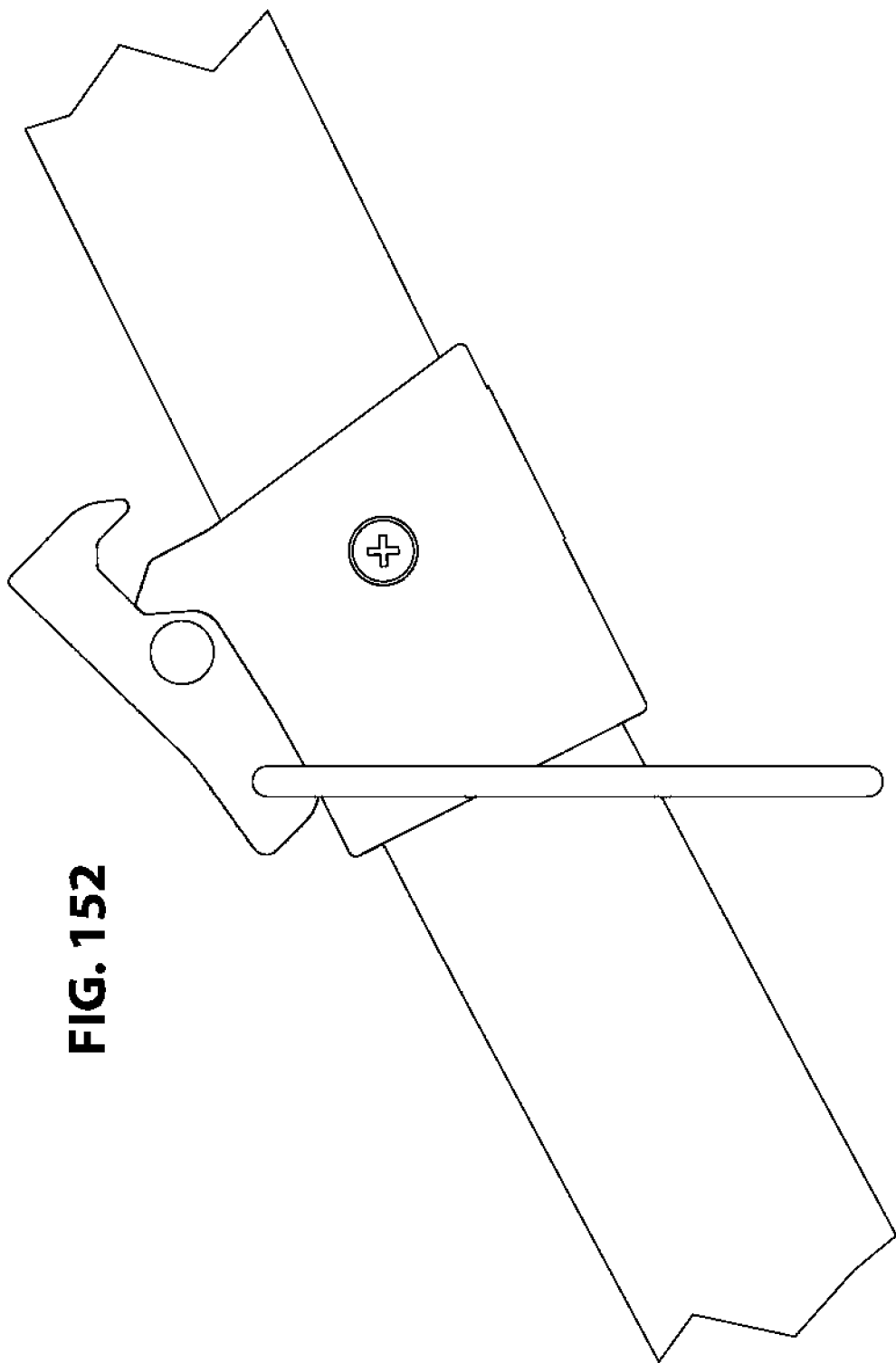


156/190



157/190

FIG. 151



158/190

FIG. 152

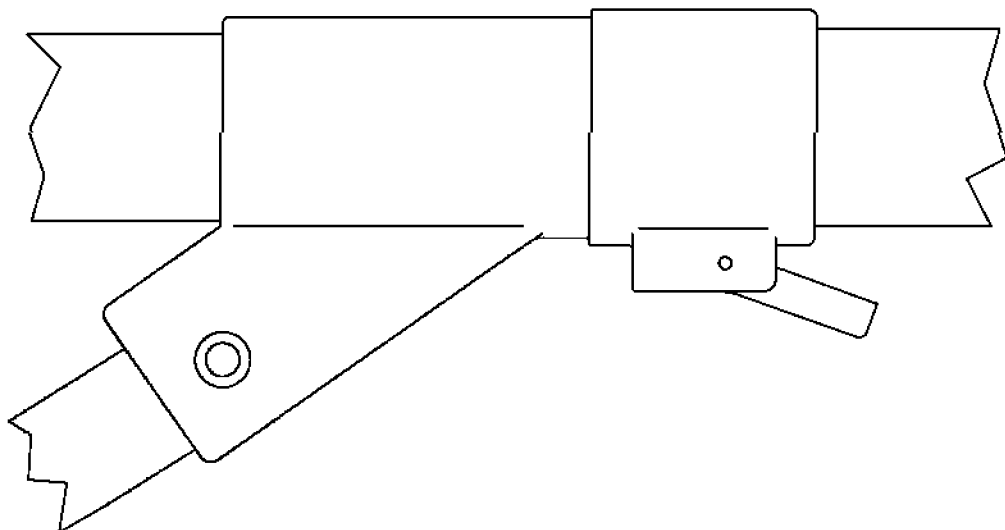


FIG. 153

160/190

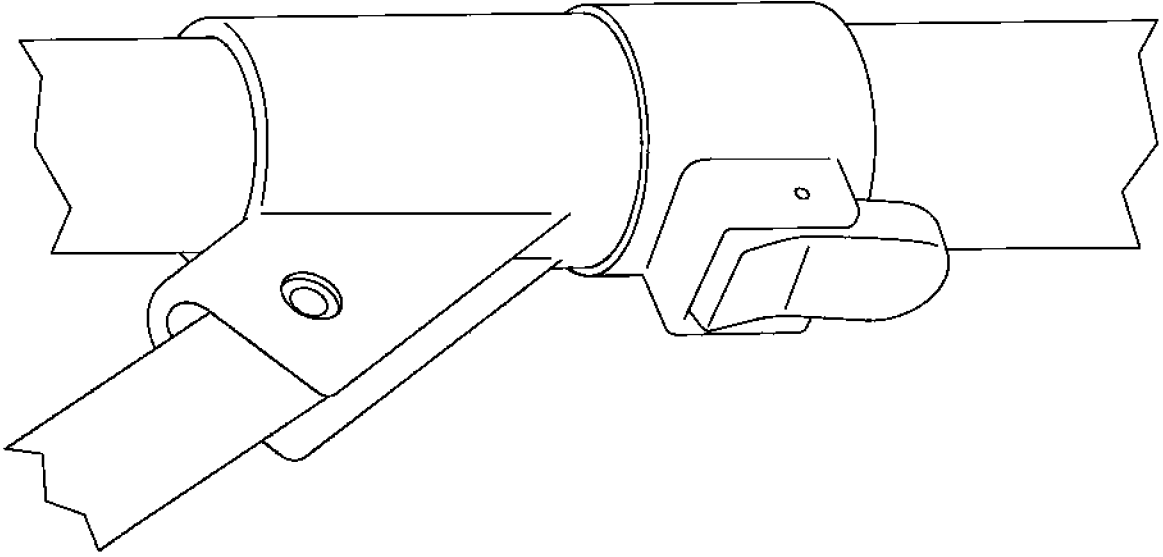


FIG. 154

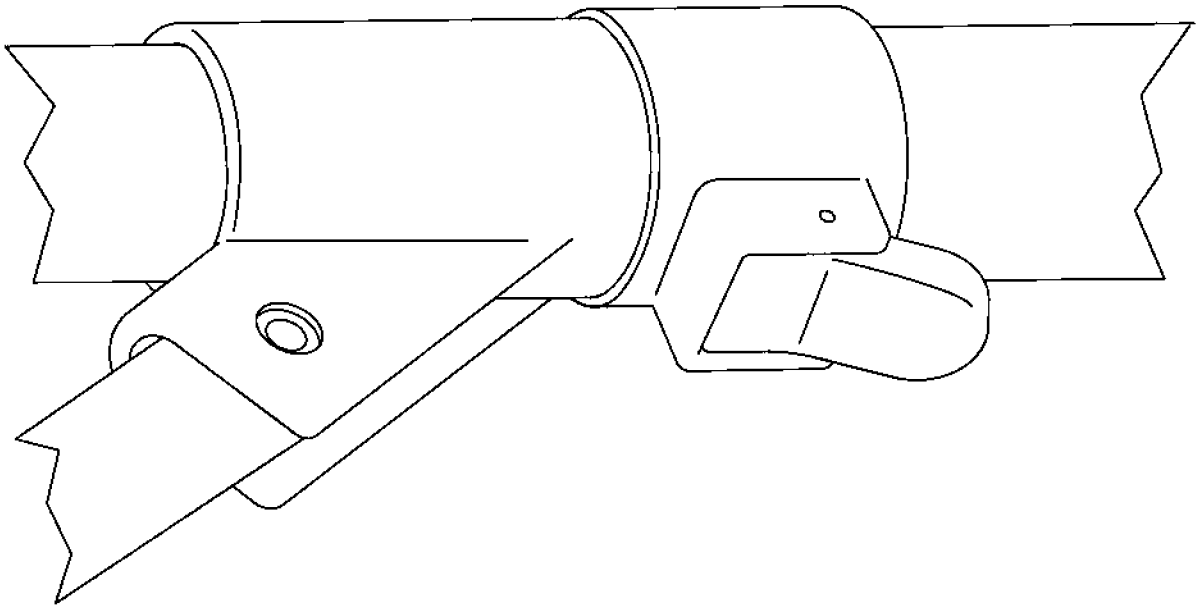
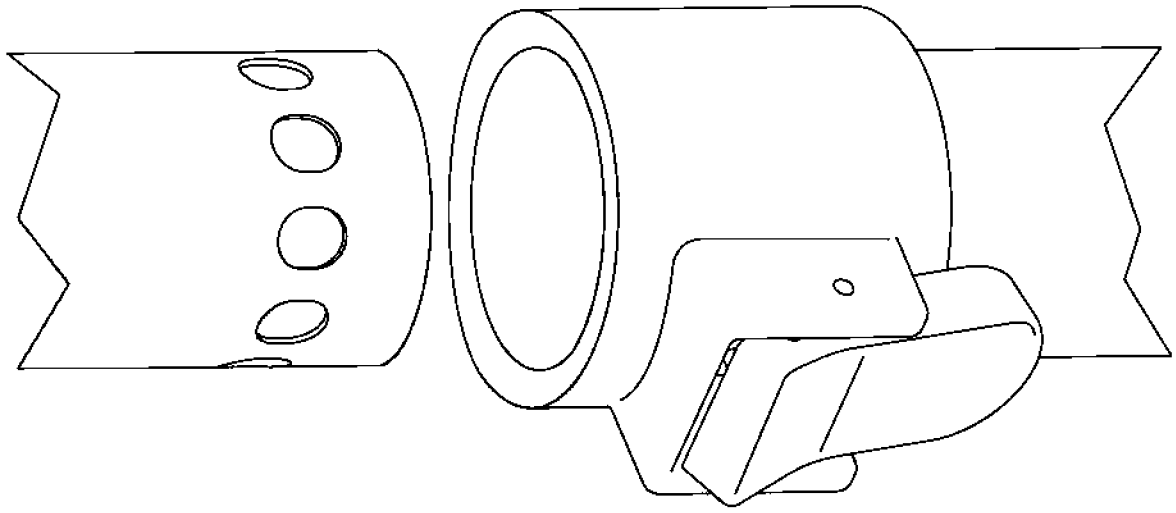
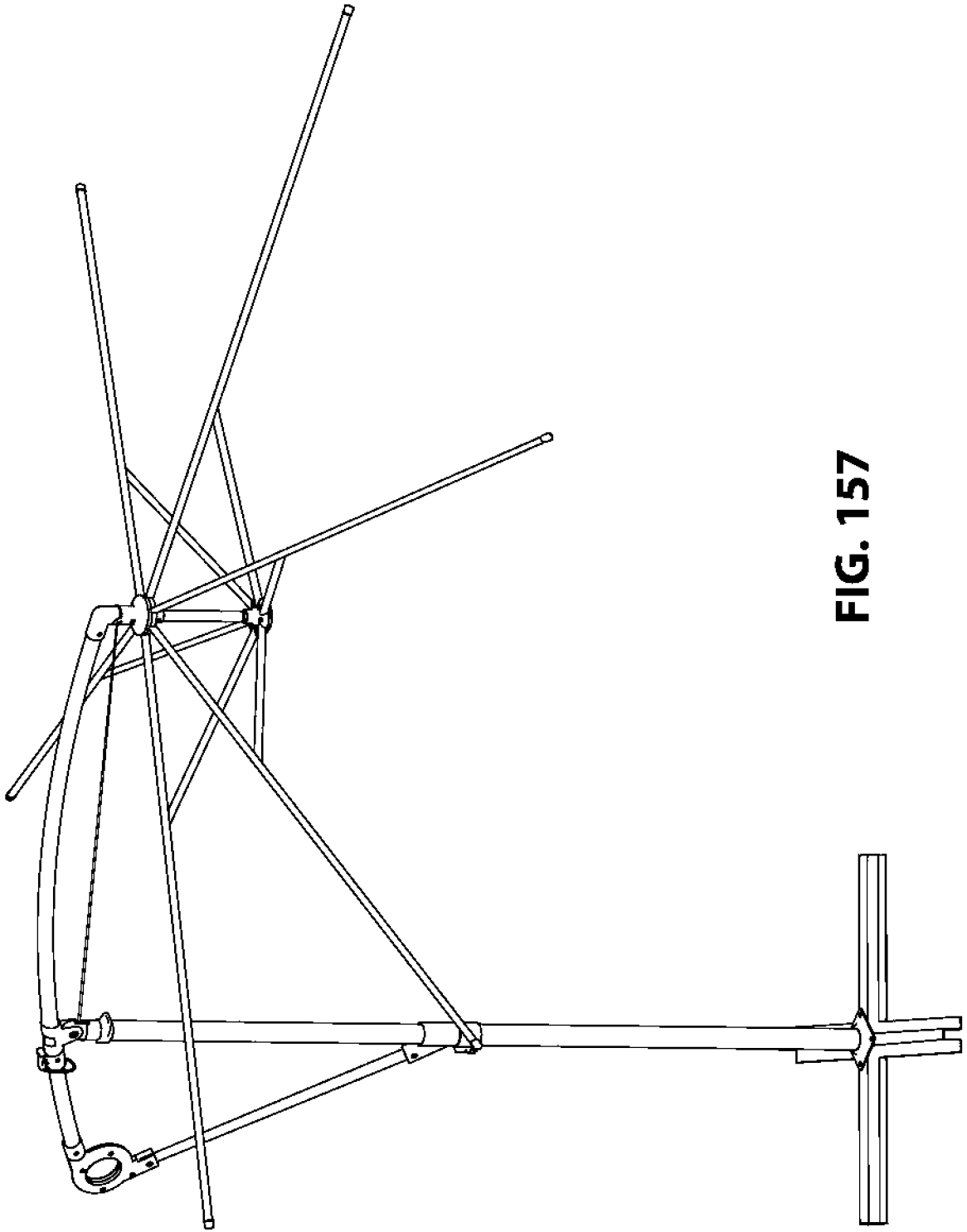


FIG. 155



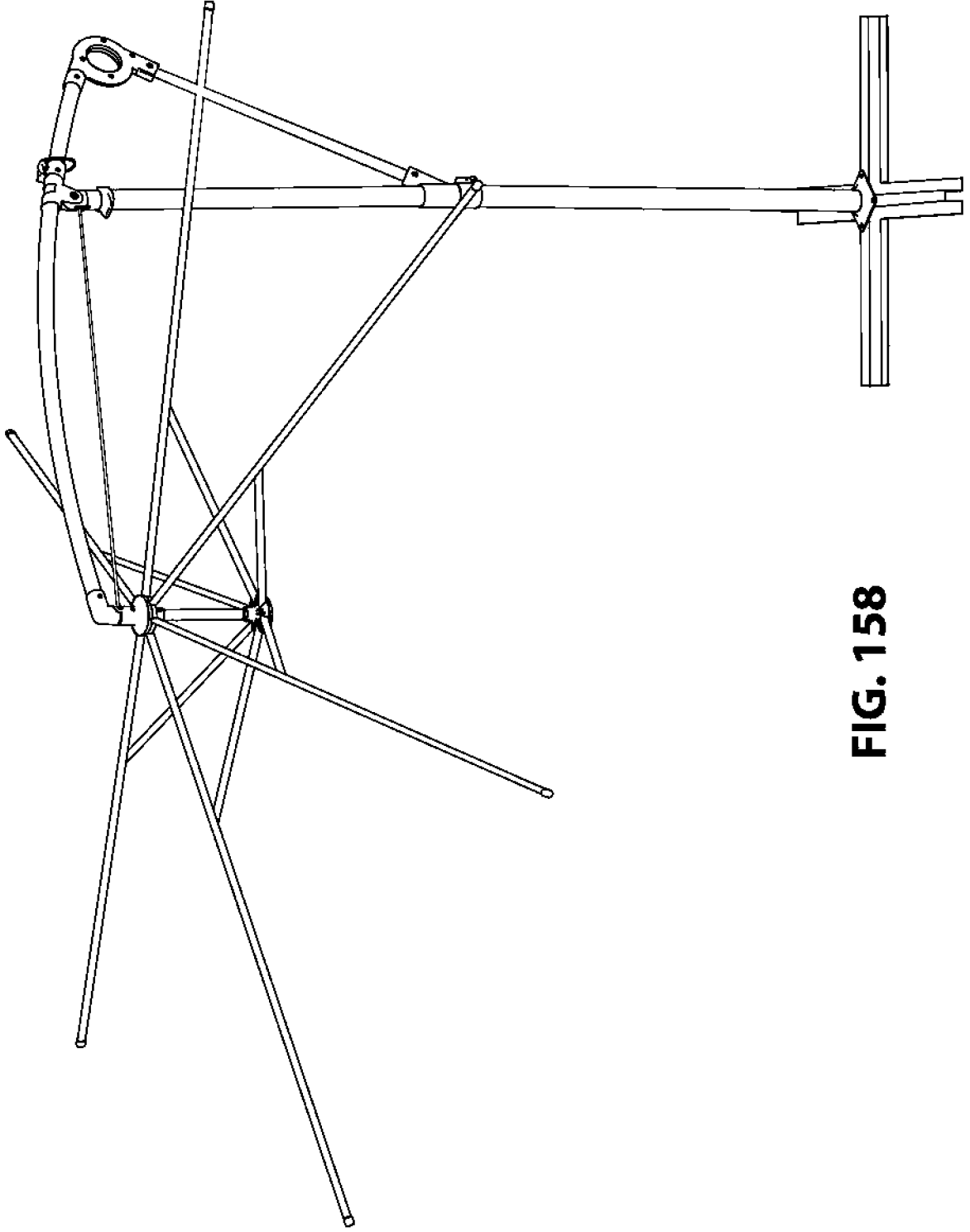
162/190

FIG. 156



163/190

FIG. 157



164/190

FIG. 158

FIG. 159

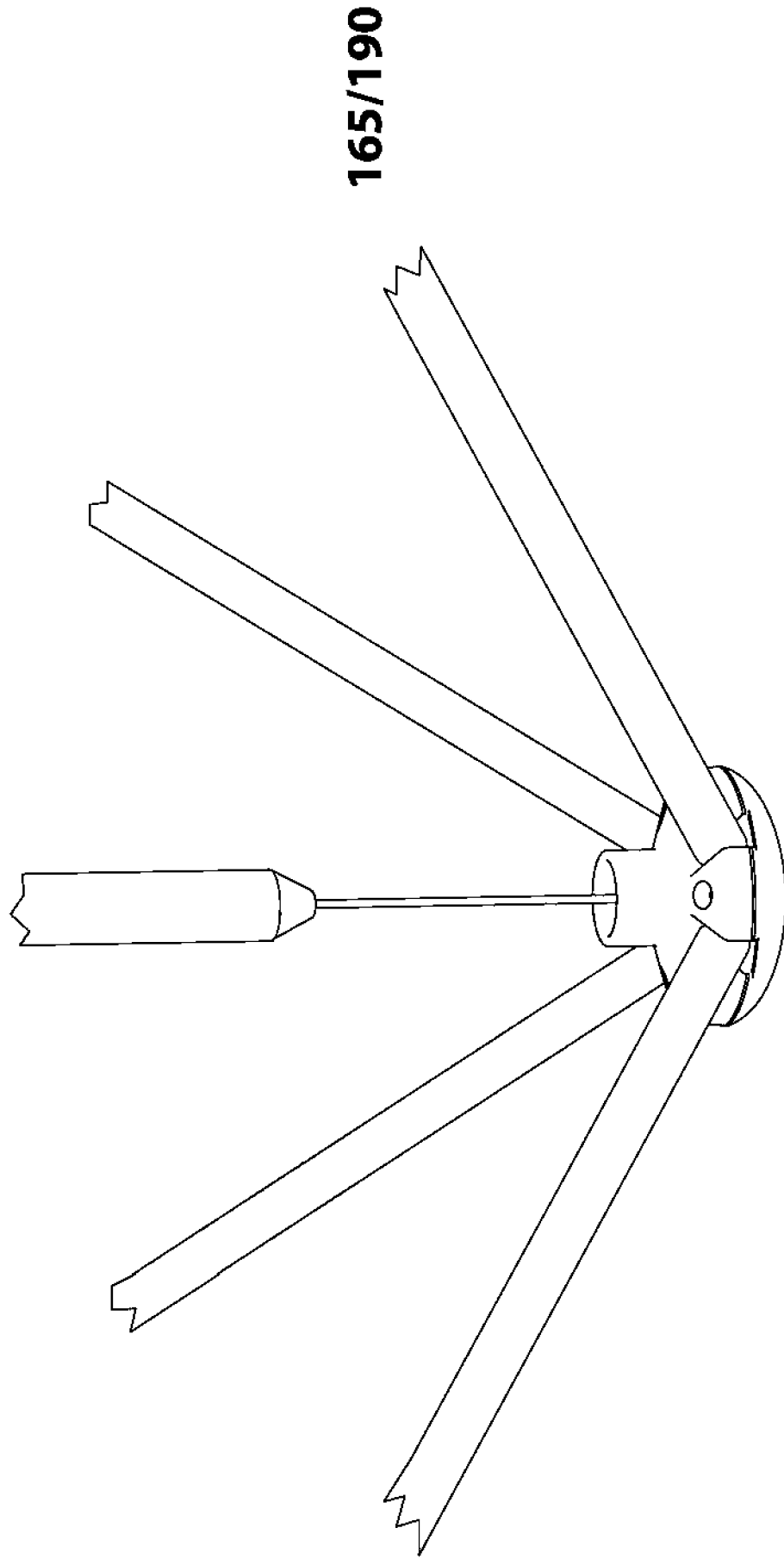
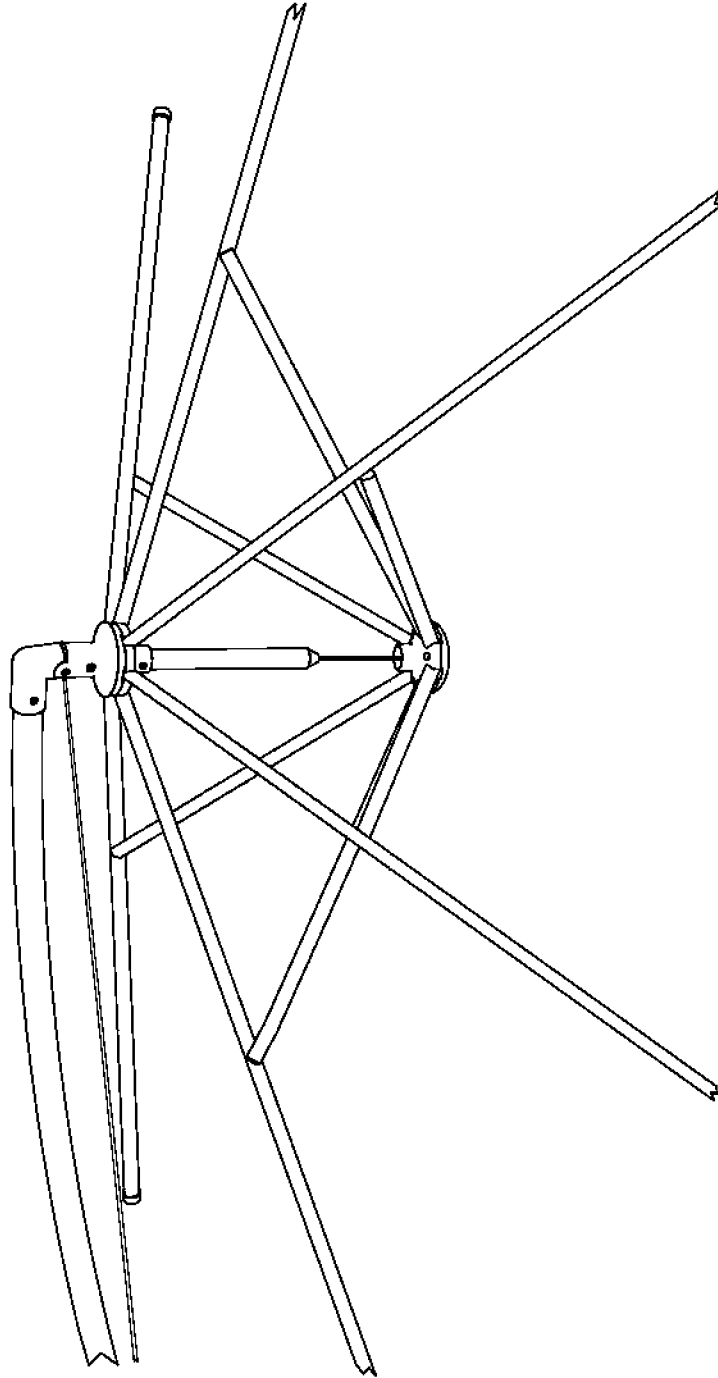
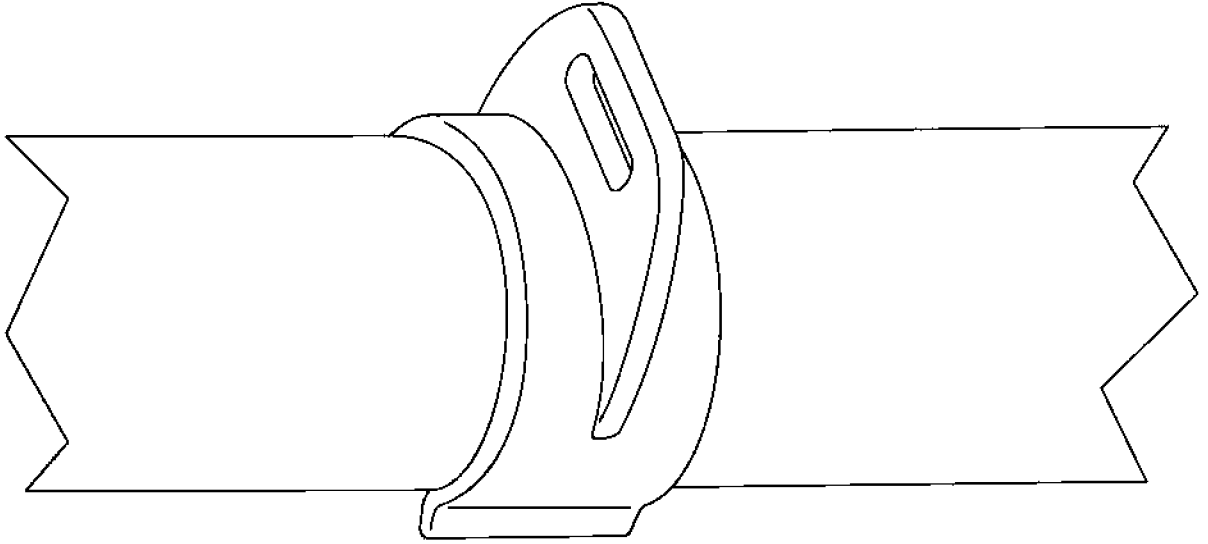


FIG. 160



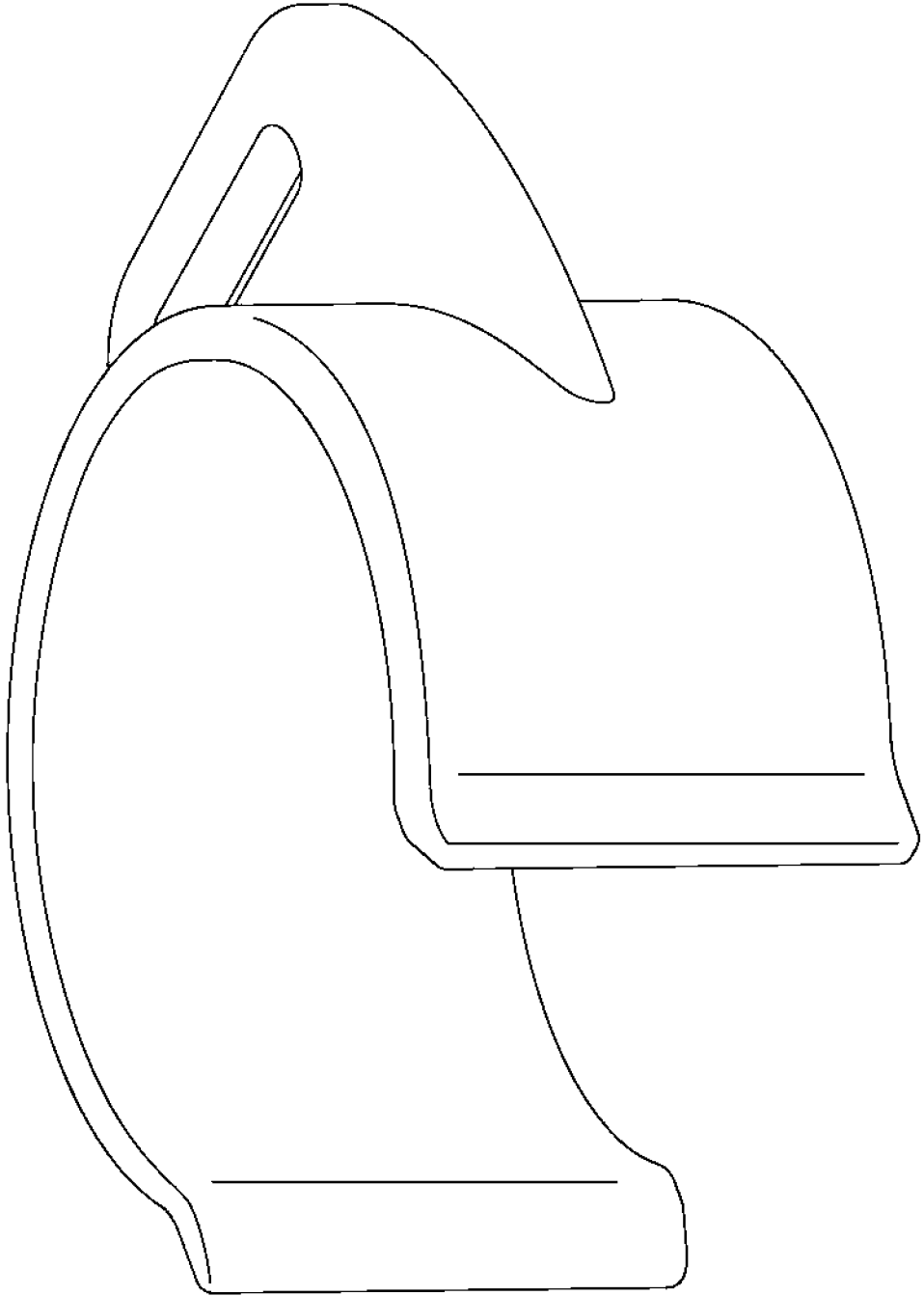
166/190



167/190

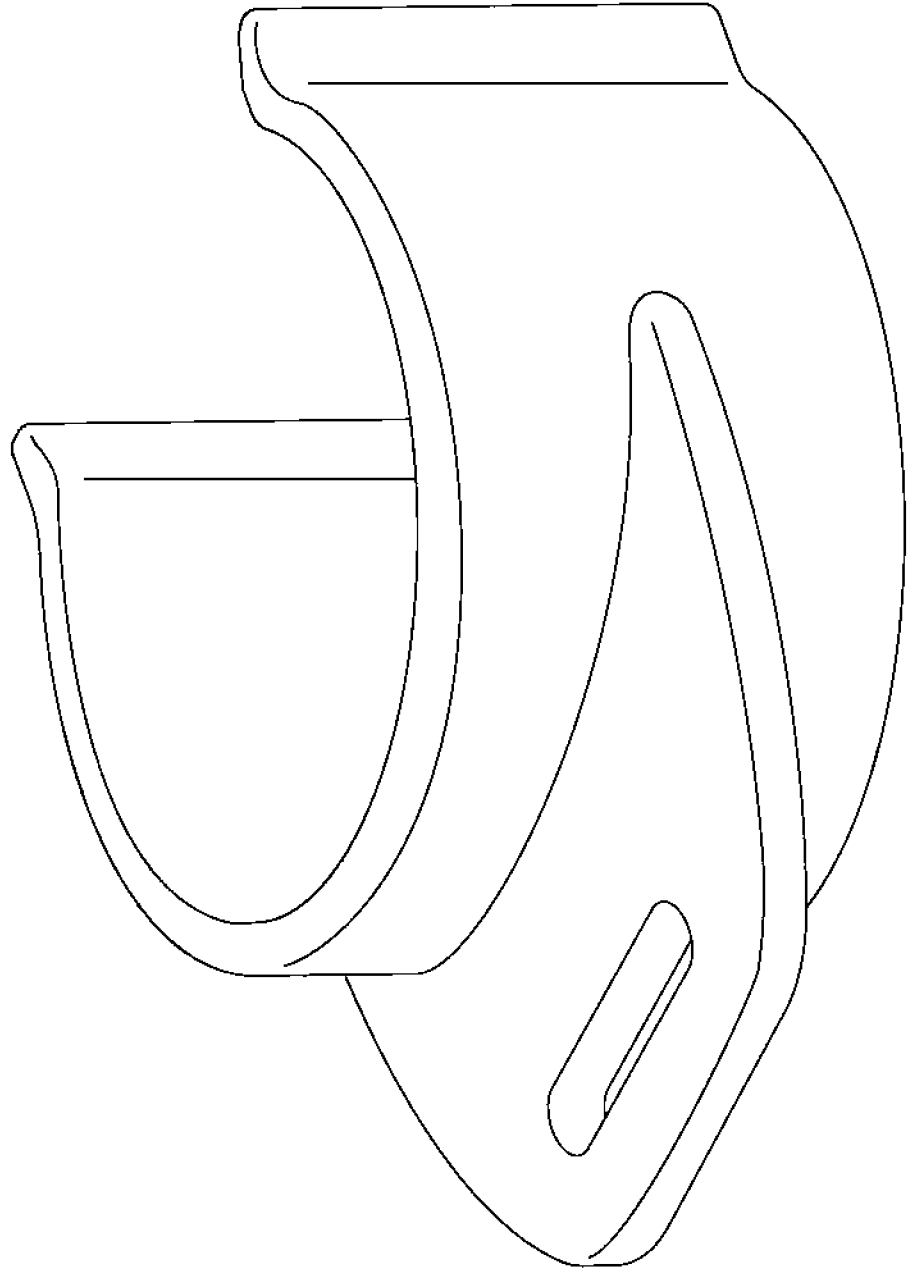
FIG. 161

FIG. 162



168/190

FIG. 163



169/190

170/190

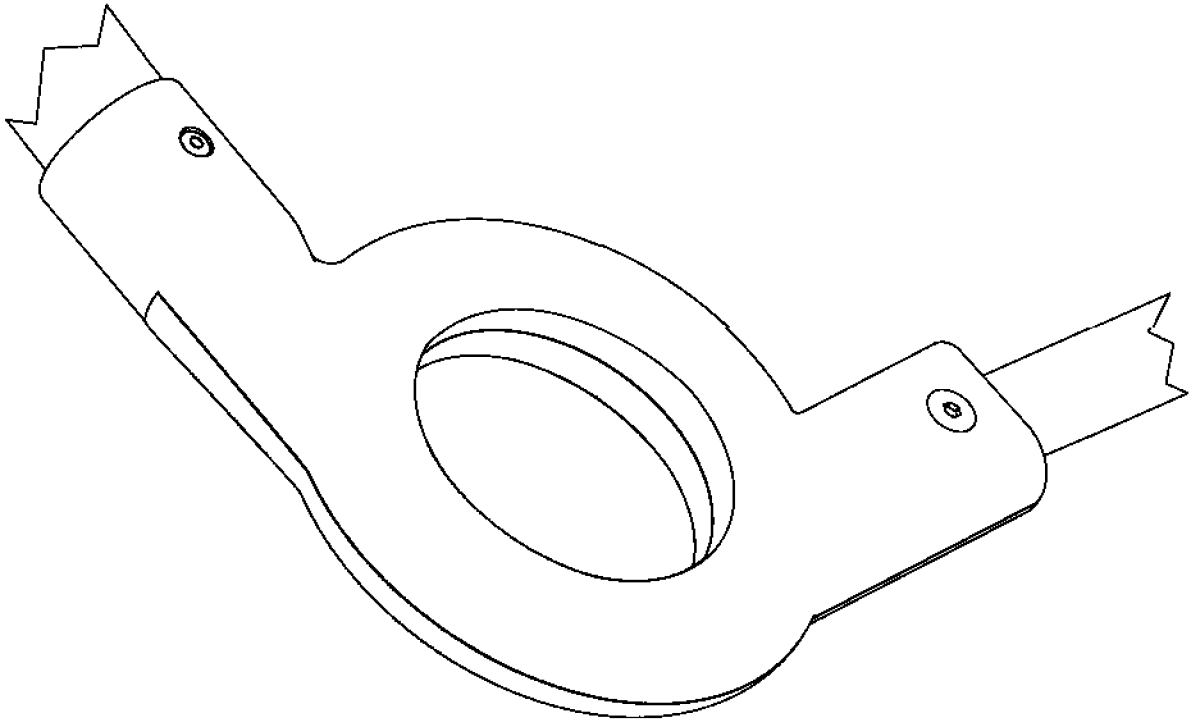


FIG. 164

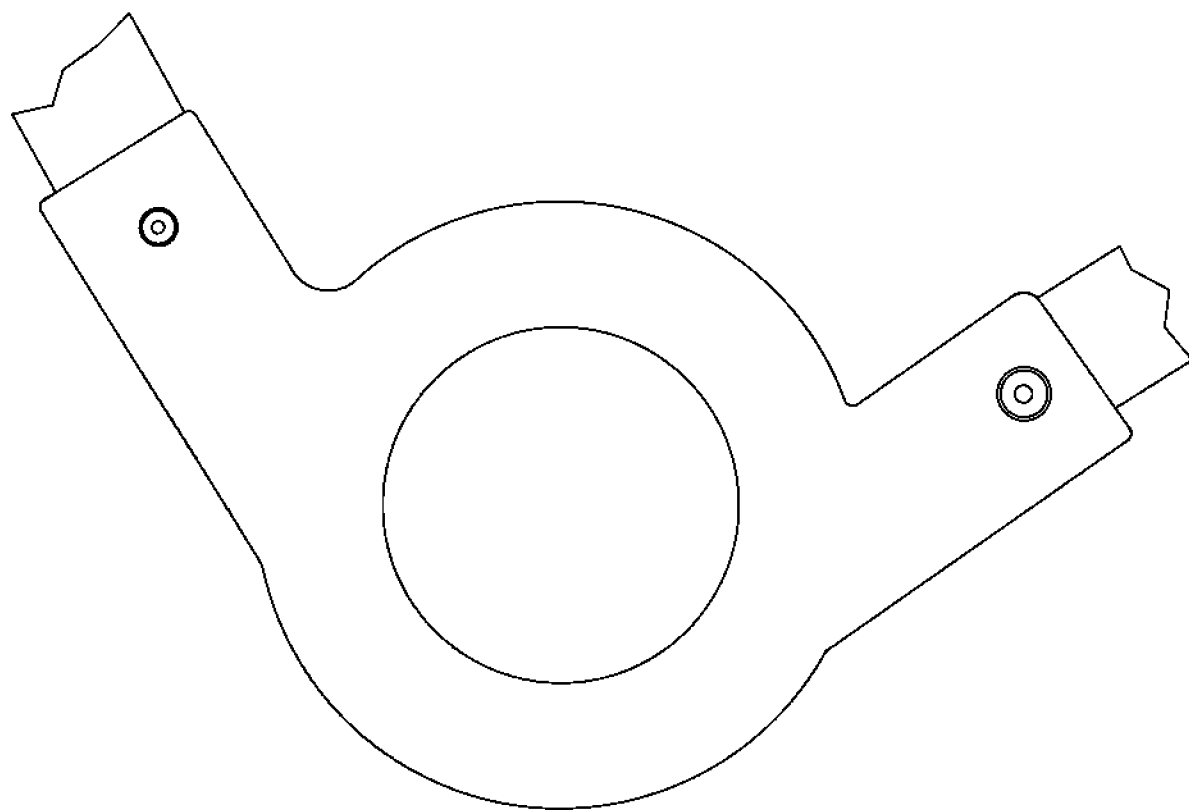
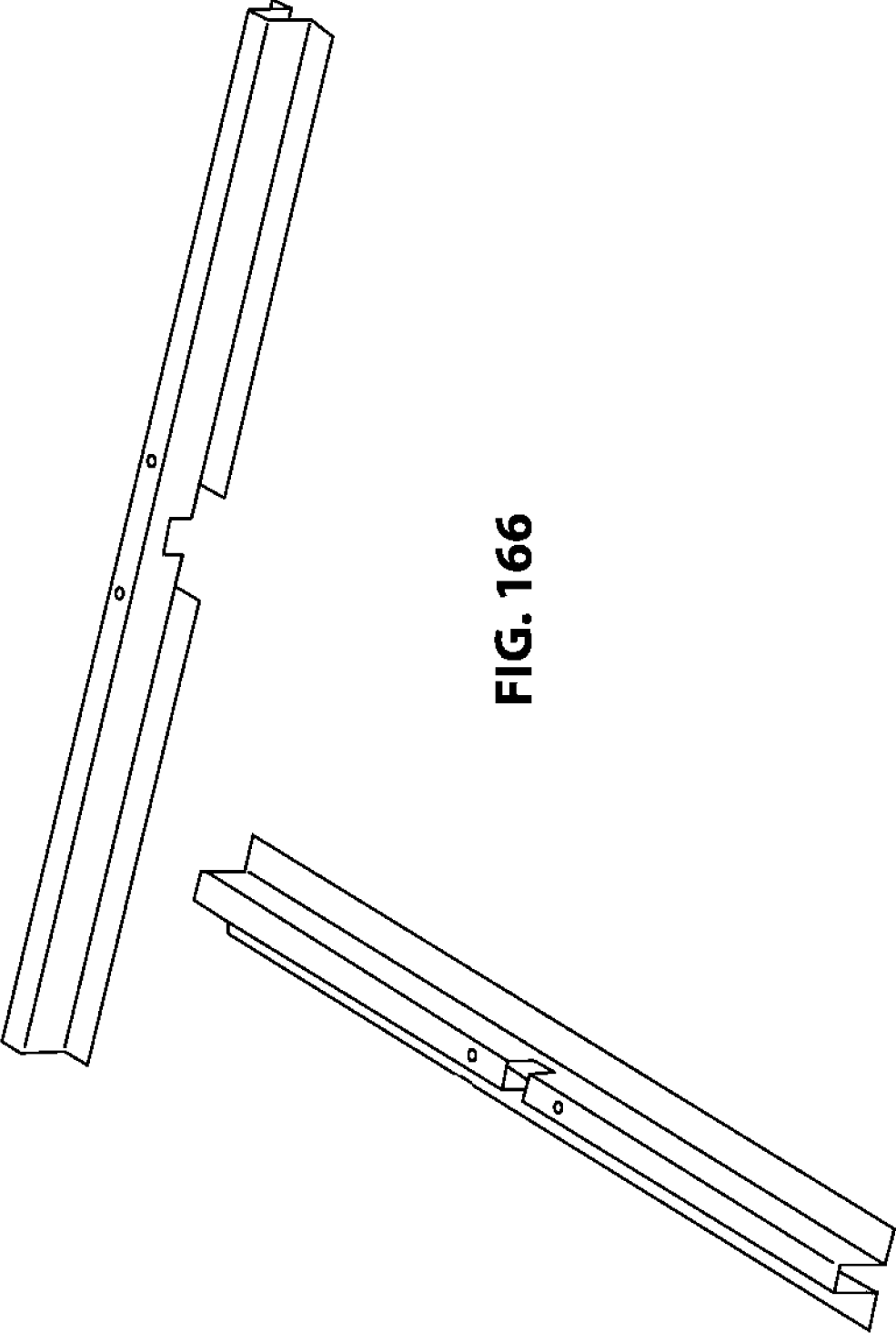


FIG. 165

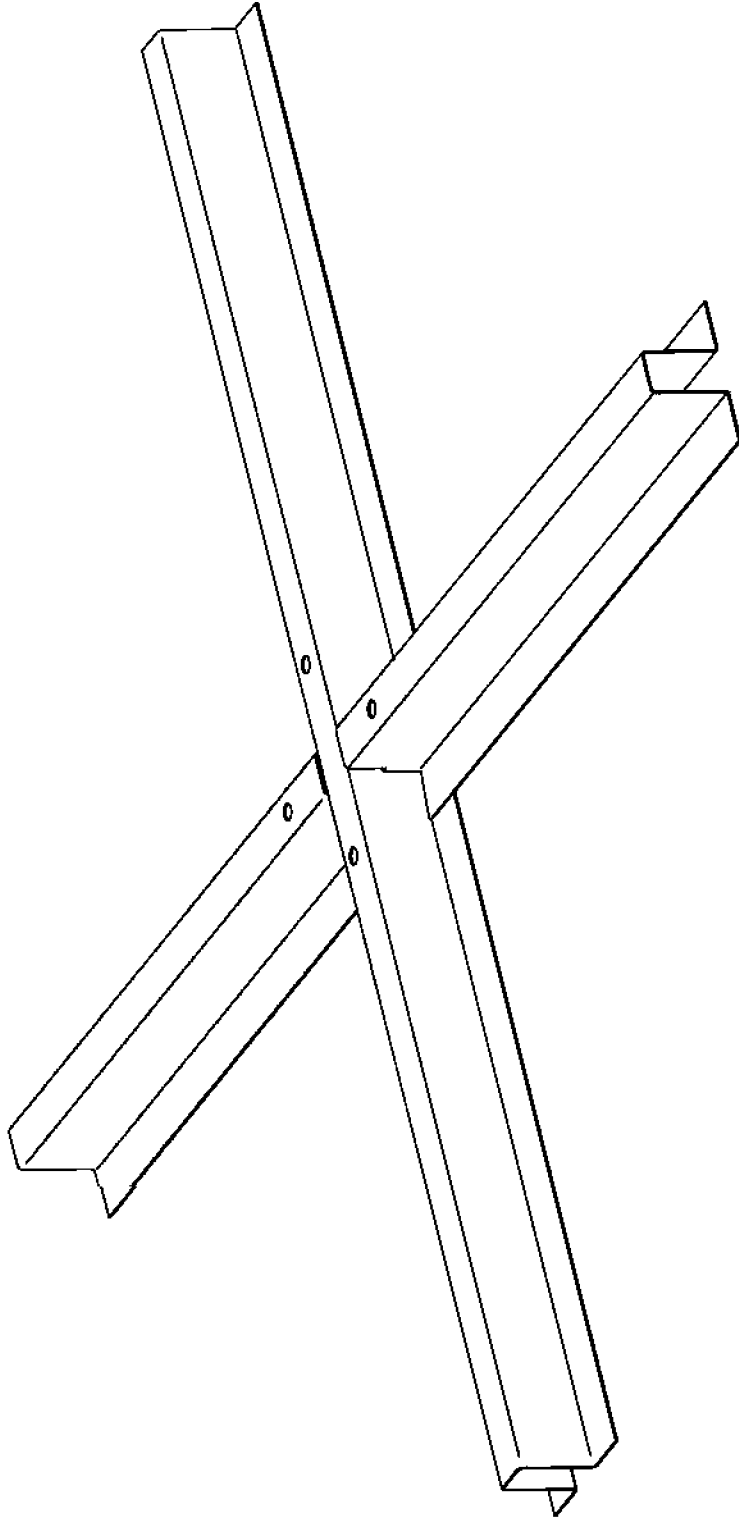
171/190



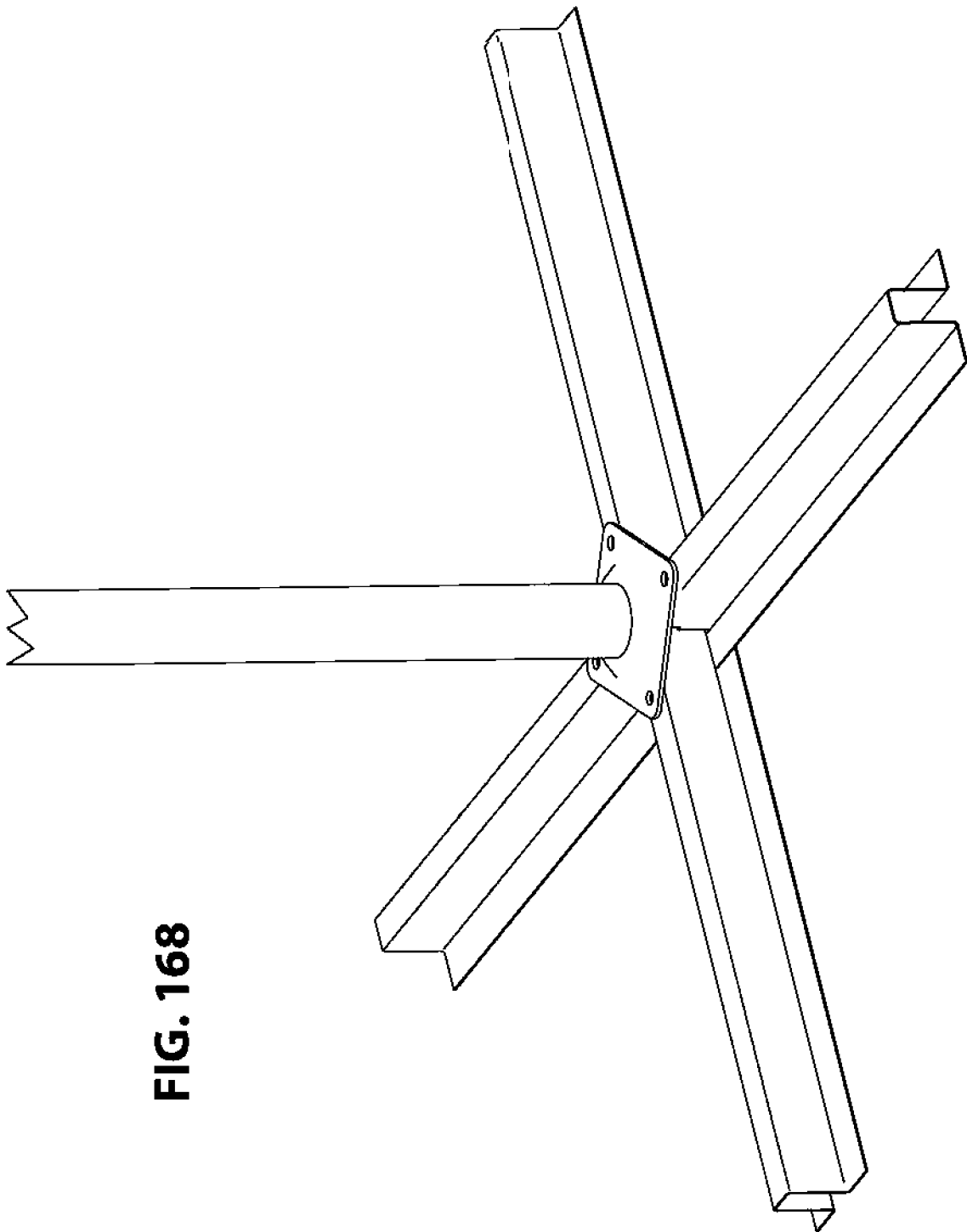
172/190

FIG. 166

FIG. 167



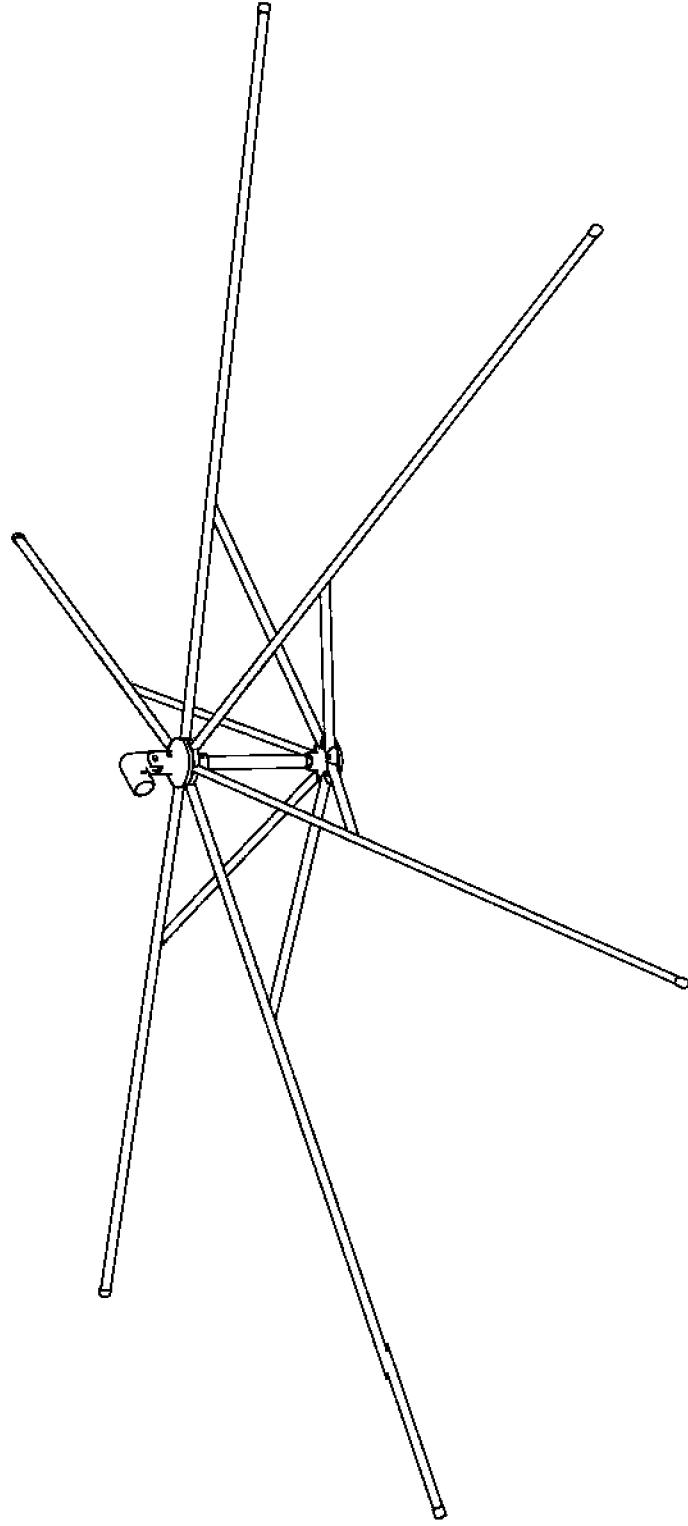
173/190



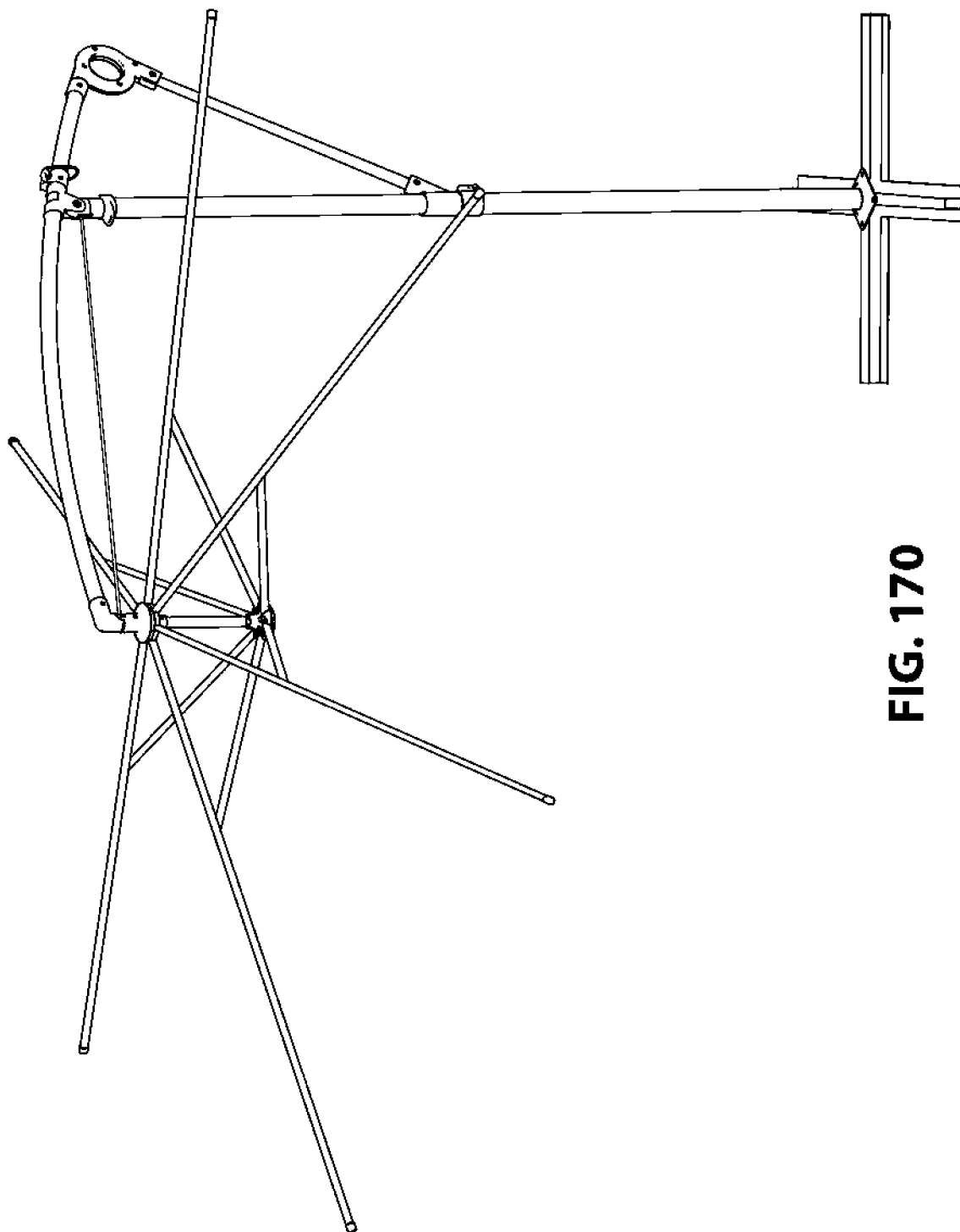
174/190

FIG. 168

FIG. 169



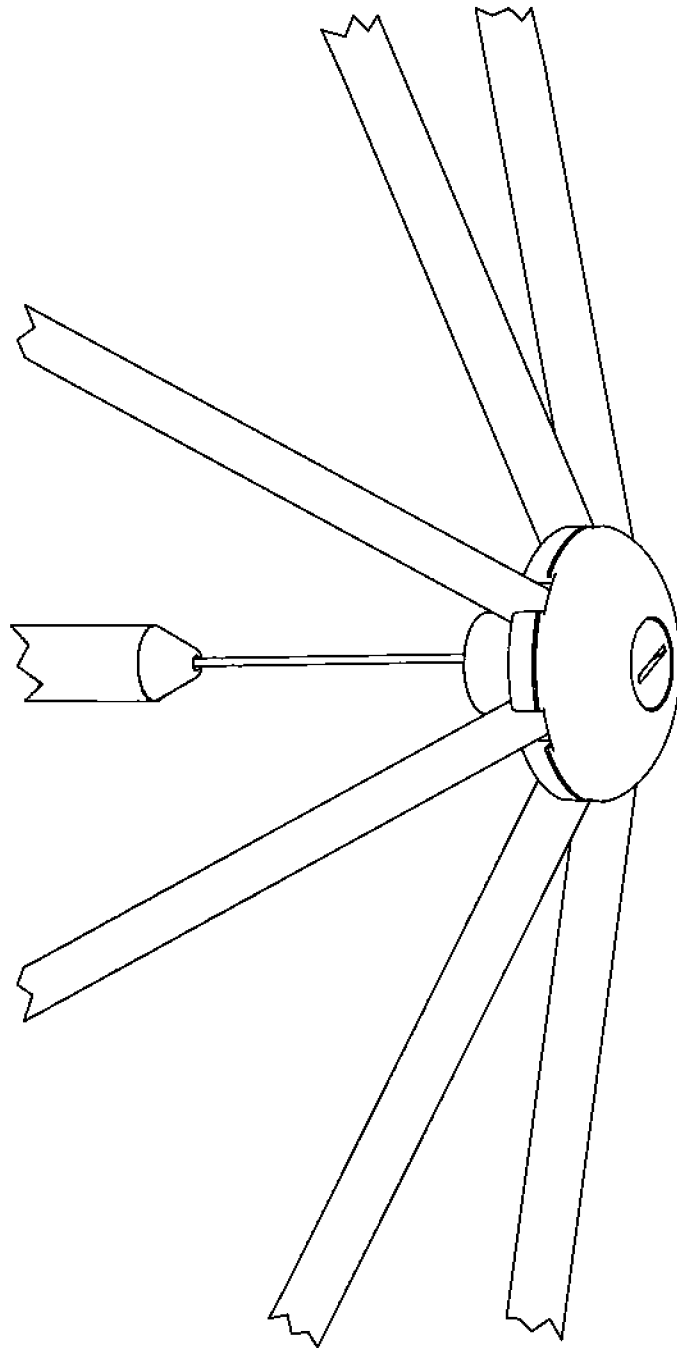
175/190



176/190

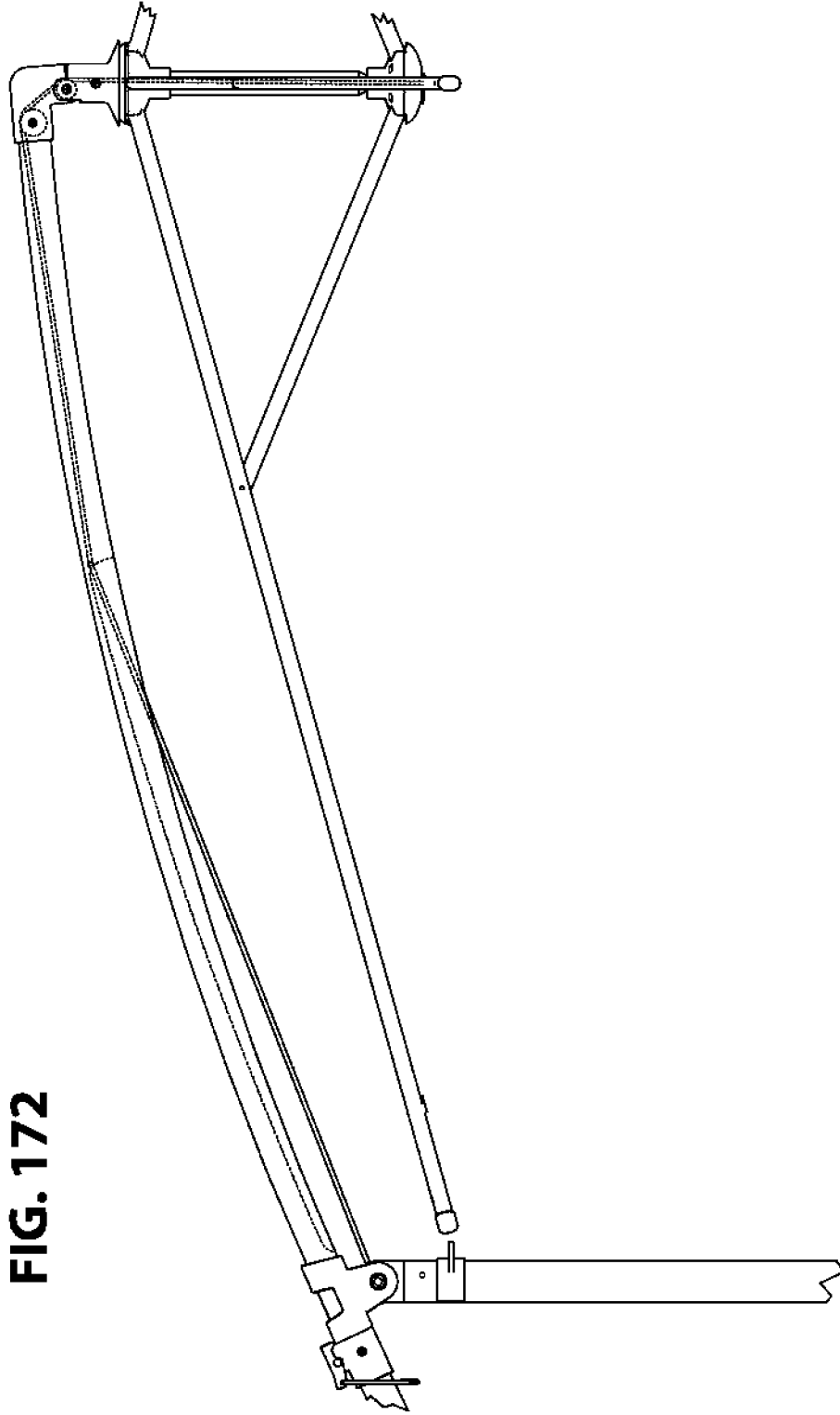
FIG. 170

FIG. 171

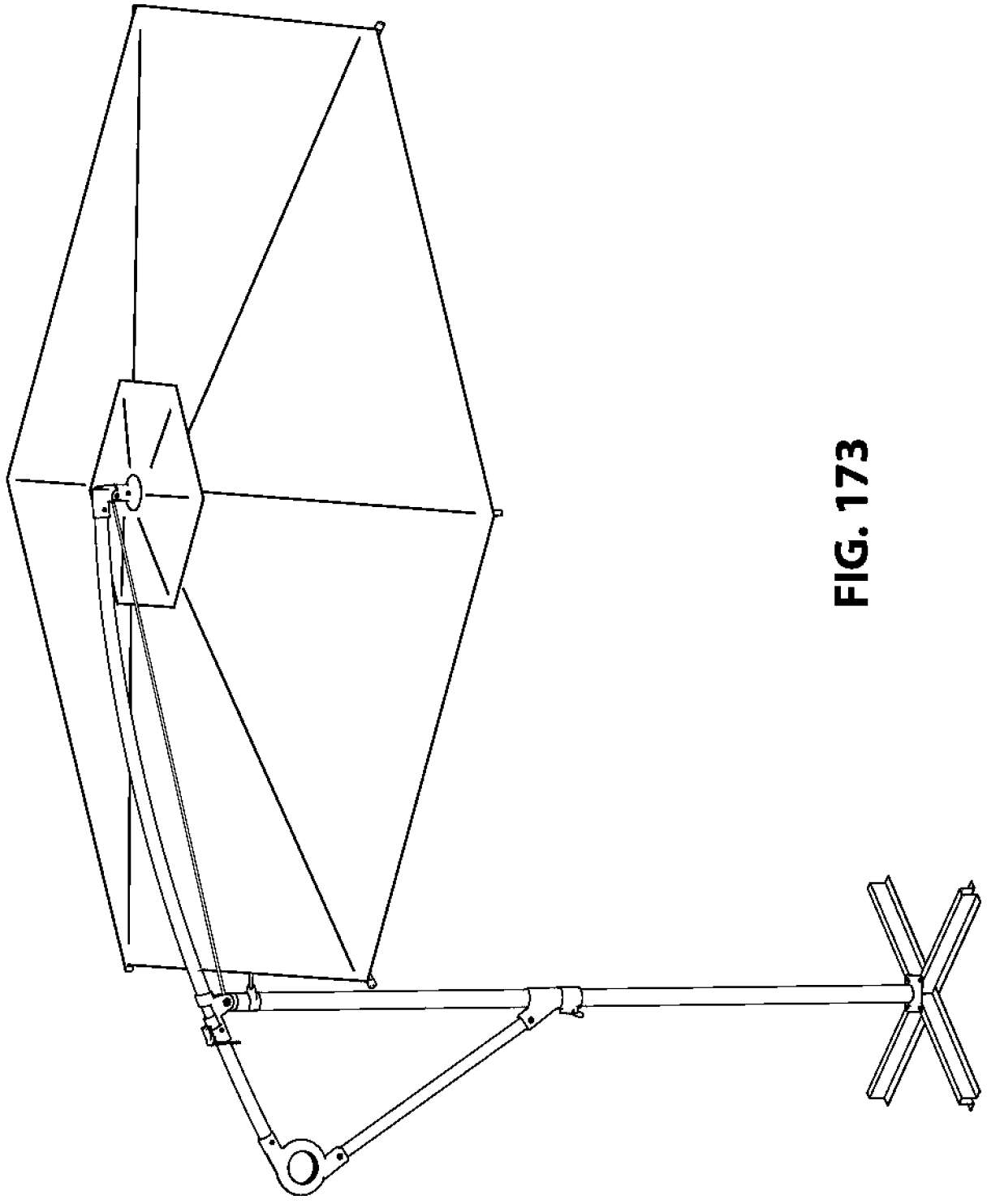


177/190

FIG. 172



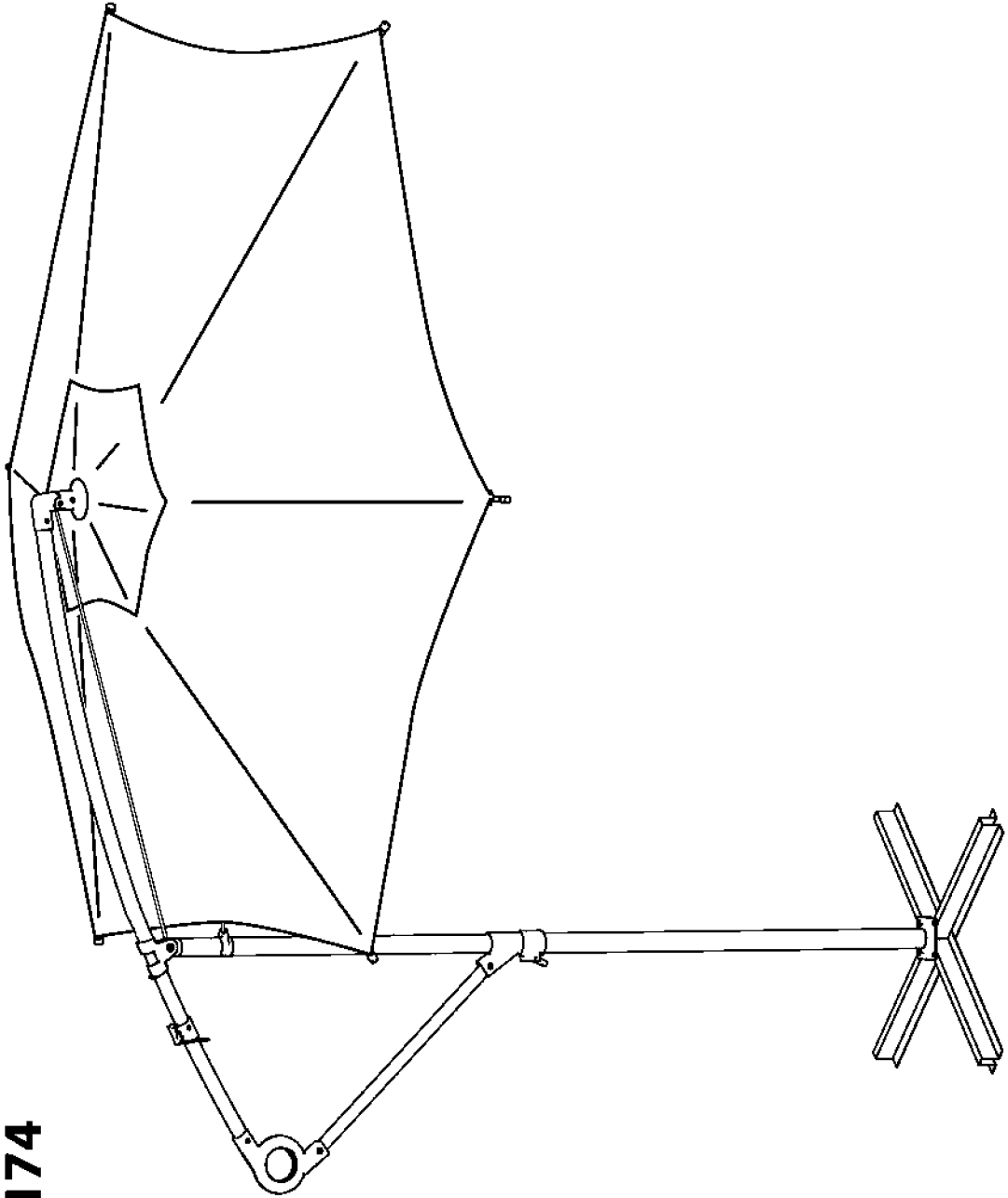
178/190



179/190

FIG. 173

FIG. 174



180/190

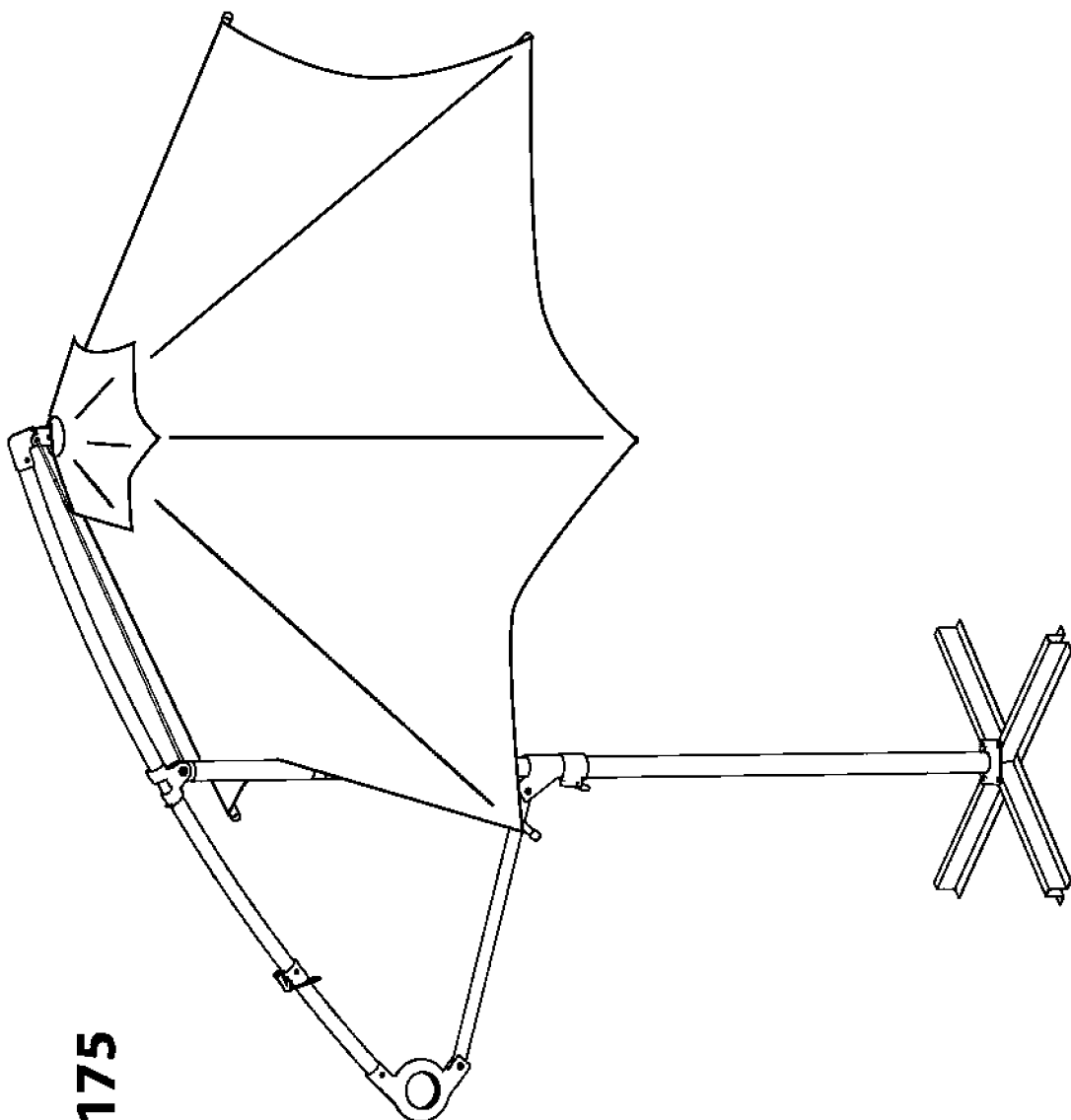


FIG. 175

181/190

182/190

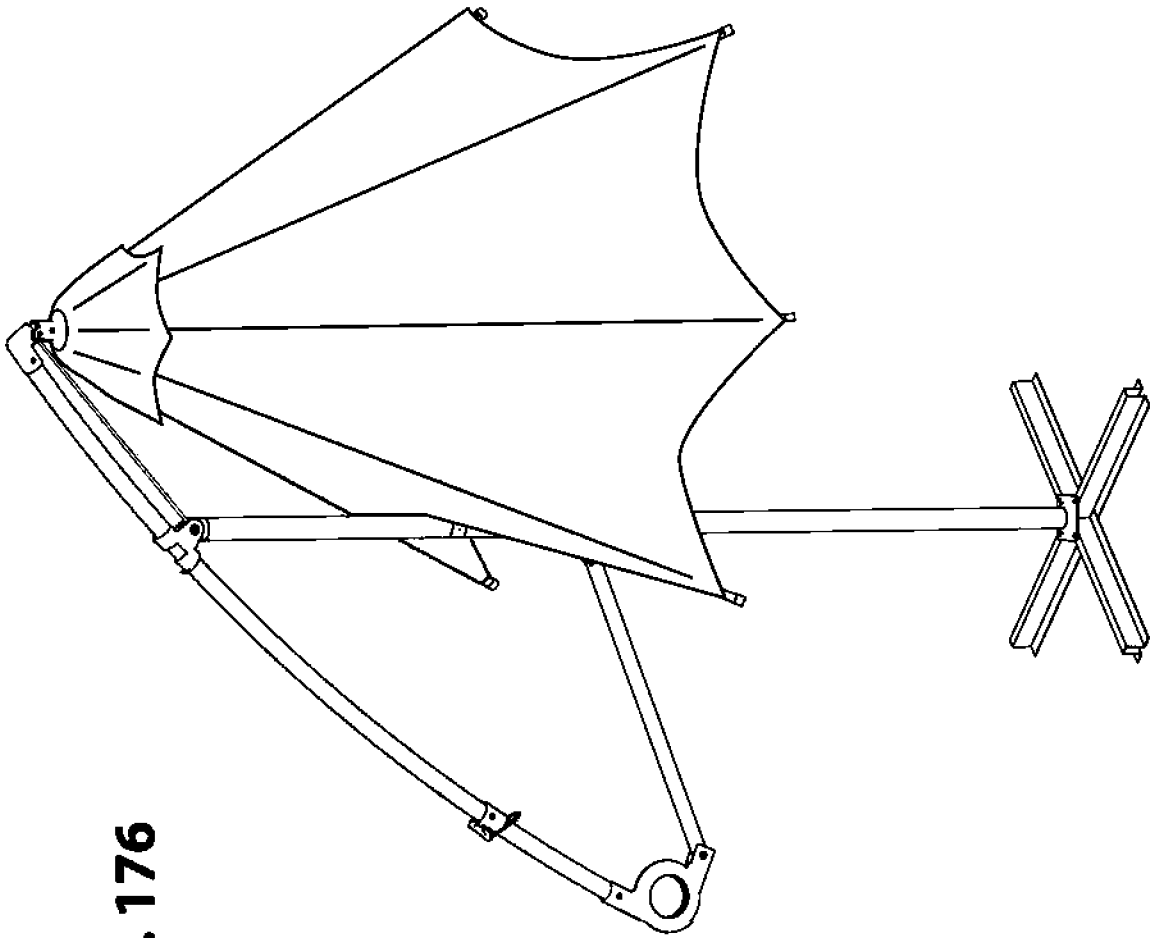
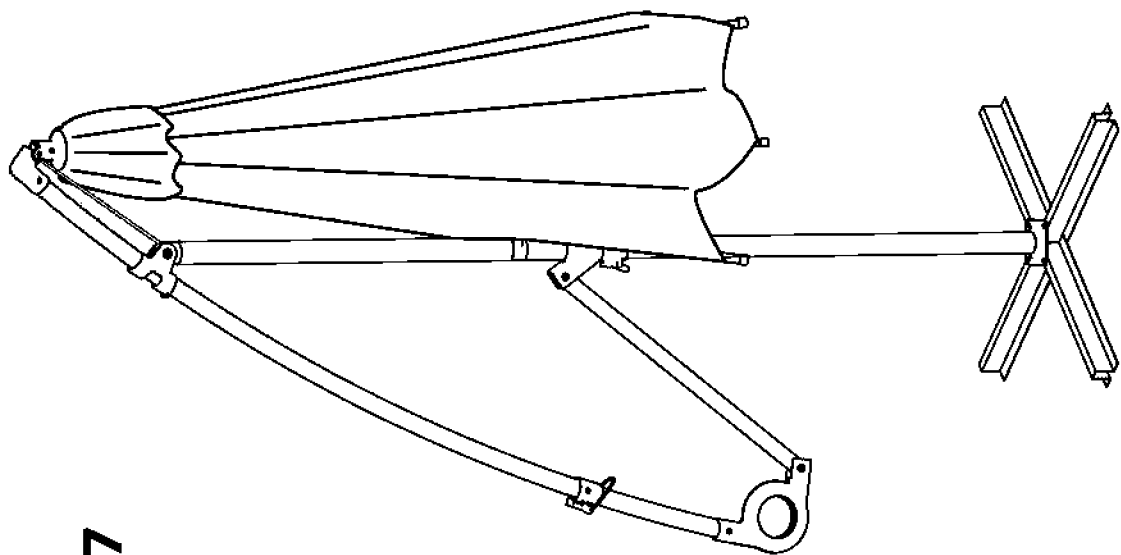


FIG. 176



183/190

FIG. 177

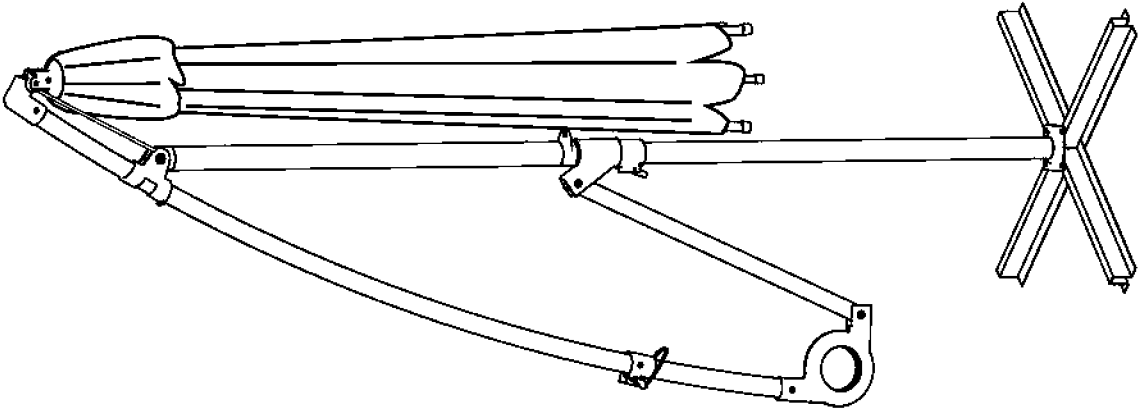


FIG. 178

184/190

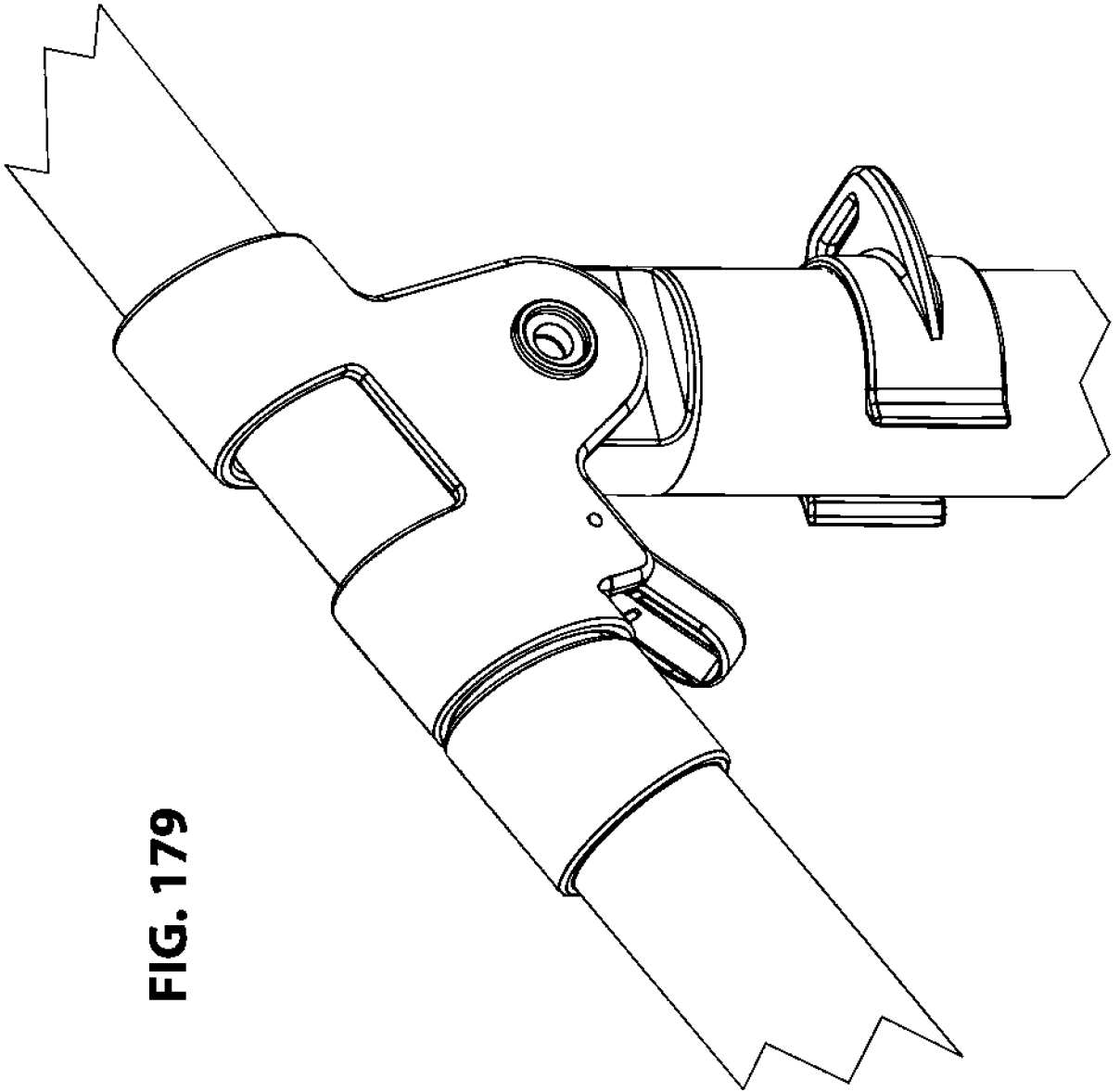


FIG. 179

185/190

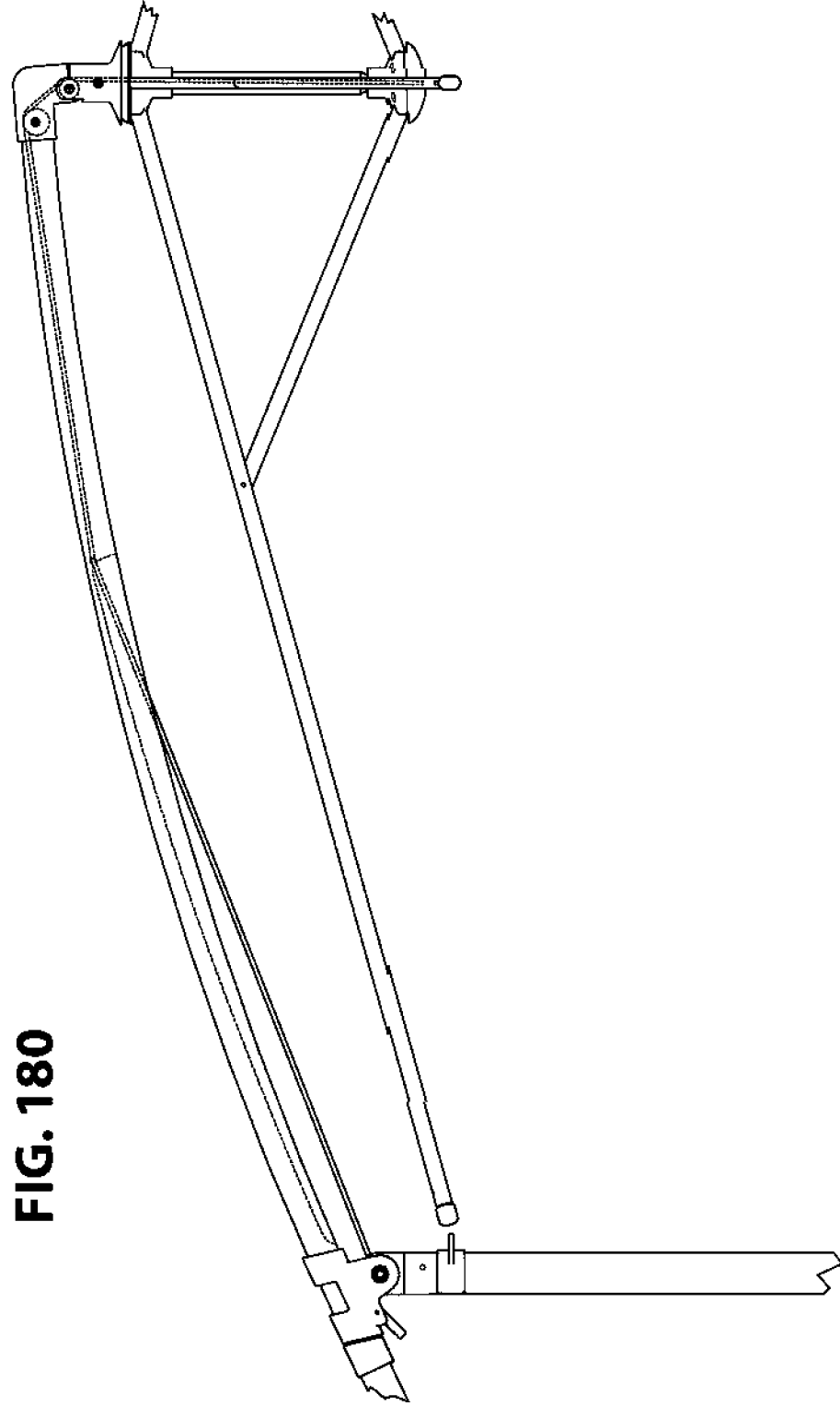


FIG. 180

186/190

FIG. 181

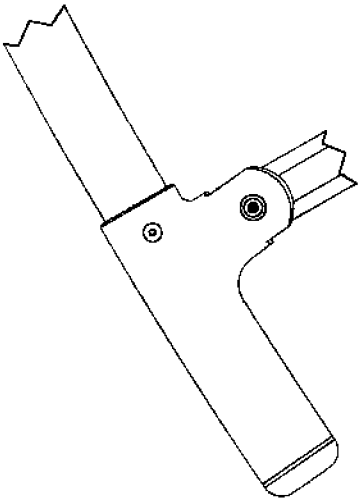


FIG. 182

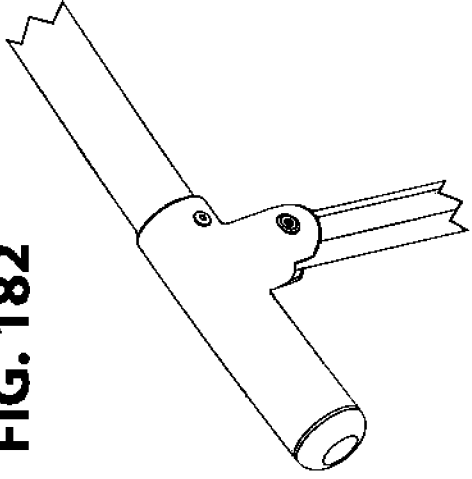


FIG. 183

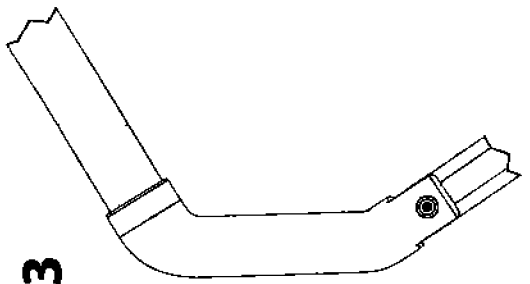


FIG. 184

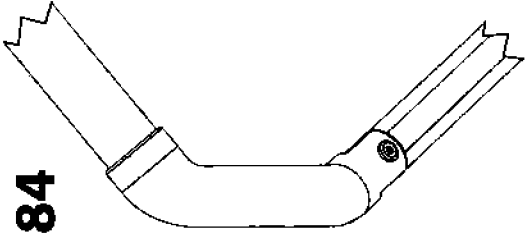


FIG. 185

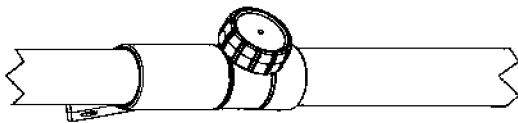


FIG. 186

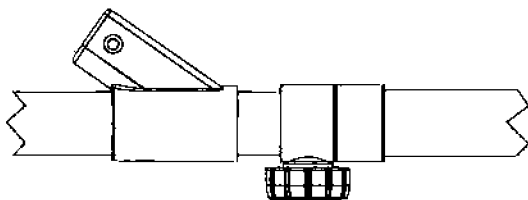


FIG. 187

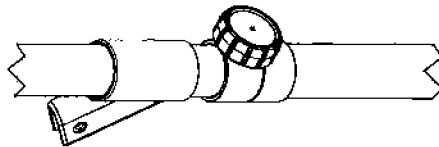


FIG. 188

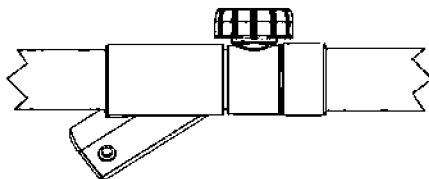


FIG. 189

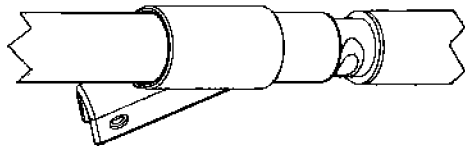


FIG. 190

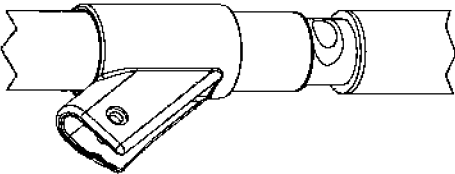
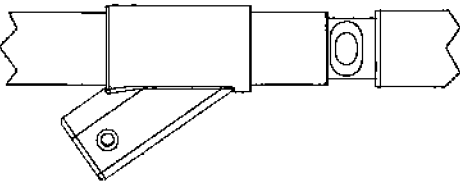


FIG. 191



189/190

FIG. 192

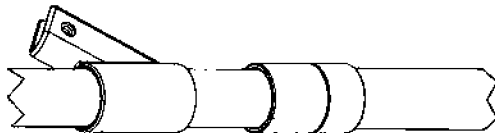


FIG. 193

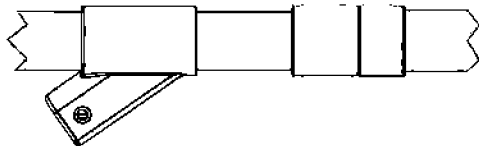


FIG. 194

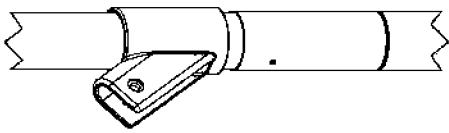


FIG. 195

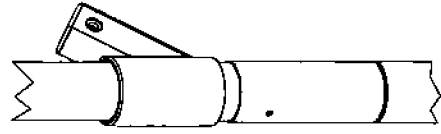


FIG. 196

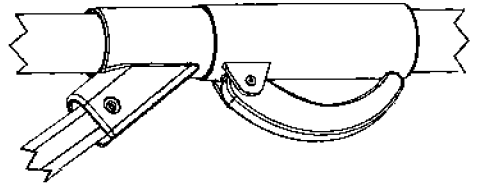
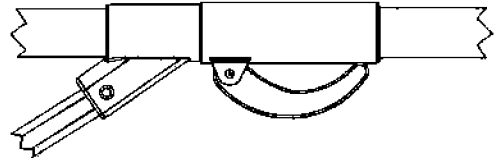


FIG. 197



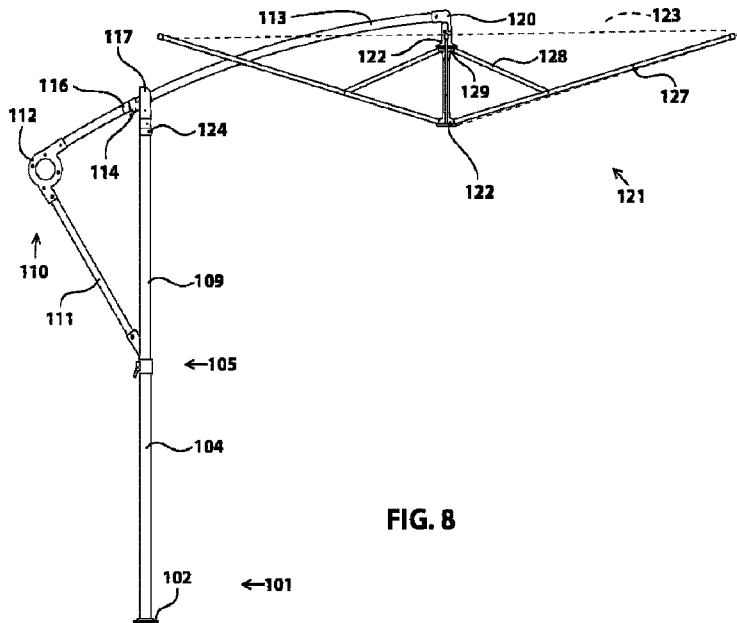


FIG. 8