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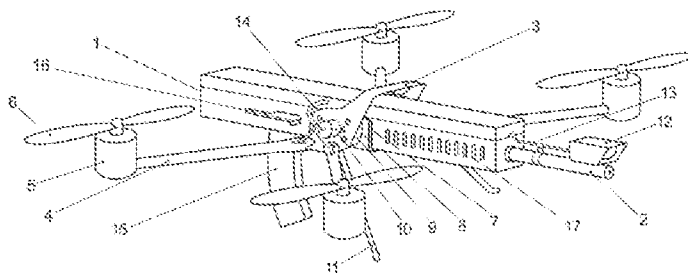
(54) Title **Remote control flying rifle**

(56) References Cited:

KR 102383128 B1, CN 210653657 U, CN 107757919 A, CN 107380451 A, CN 204415724 U
<https://www.sandboxx.us/news/military-affairs/the-ar-1-the-drone-that-can-fire-an-assault-rifle/>
<https://www.forbes.com/sites/davidhambling/2023/08/07/flying-sniper-drone-takes-aim/>
https://www.youtube.com/shorts/XW__dtgC7y8
<https://dronedj.com/2022/10/20/ukraine-machine-gun-drone/>
<https://metro.co.uk/2022/01/11/israeli-made-gun-toting-drone-can-carry-and-fire-an-assault-rifle-15898097/>
<https://www.bbc.com/news/technology-40901393>
https://techcrunch.com/2017/08/17/a-defense-company-put-a-machine-gun-on-a-drone/?guccounter=1&guce_referrer=aHR0cHM6Ly93d3cuZ29vZ2x1LnNvbS8&guce_referrer_sig=AQAAAHZeNYvmgj_FvqWTA_ZZVx2g6OEX-bEdrxfT7kL0-_cLu1AD-X0DF-su5PXwbIRIfDPw7-e6KjiM-8ZRofrFAWjg2V541xaARgMd7InSTqxMesXGNSRml6ojA0eENZL8T3vajdh1-cx5bfi5R4bqTnO5Qq0eT3k1YSKn69kiwh

(57) Abstract

The body of the rifle consists of a frame on which engines are installed that provide lifting and movement of the rifle in the air, and the combat module, hinged to the frame, and in which the barrel, trigger mechanisms, a set of cartridges, a battery, an electronic control unit and a video camera are located. The combat module can rotate up and down, parallel to its length. The video camera is installed statically on front of the barrel and performs the functions of a sight. Moving through the air and shooting from a rifle is carried out under the remote control of the shooter-operator. The rifle can be equipped with a night vision camera, a silencer and perform tasks at any time of the day. In addition to shooting, the rifle can conduct surveillance, adjust artillery fire, and carry dropped bombs or rockets on its body.



Remote control flying rifle

The present invention relates to small arms, and, more specifically, to remotely controlled small arms. The essence of the invention lies in the fact that the rifle is equipped with such technical means, that give it the ability under remote control to move in the airspace, and, being in the airspace, to shoot accurately at ground, surface or air targets.

The technical objective of the claimed invention is to transform a rifle into a full-fledged aircraft, capable of moving in the air under remote control and hitting targets while in the air.

This problem is solved due to the fact that the rifle body contains a barrel, a trigger mechanism, a set of cartridges, a video camera, a frame is hinged to the rifle body, on which motors are installed that ensure lifting and moving the rifle through the air, the rifle body contains an electronic control unit and a battery that ensures the operation of all systems and mechanisms of the rifle, as well as the rifle's engines.

The flying rifle has a rotary mechanism (9) that providing the rotation of the body of rifle (1) in the direction up and down, parallel to the length of the body of rifle and perpendicular to the axis of connection of the body of rifle with the frame.

The video camera (12) of the flying rifle is mounted statically on the front part of the barrel (2).

The video camera (12) performs the functions of a sight of a flying rifle.

The flying rifle is controlled remotely, using a remote control panel (48).

A shot from the flying rifle is remotely triggered by a signal from the remote control panel (48) of the rifle.

The flying rifle has an electric trigger (42).

The flying rifle has a recoil dampening mechanism when fired.

A set of cartridges for the flying rifle is located in the magazine (15), which is detachably attached to the body of rifle (1), from the outside of the body of rifle.

The technical result of this invention will be the transformation of a rifle into a full-fledged aircraft, containing in its body all the means to ensure that the rifle moves in the air and that the rifle hits ground, air or surface targets from the air.

BACKGROUND FOR THE INVENTION

The following technical solutions are known from the technical field:

D1: KR 102383128 B1

D2: CN 210653657 U

D3: CN 107757919 A

D4: CN 107380451 A

D5: CN 204415724 U

D6: <https://www.sandboxx.us/news/military-affairs/the-ar-1-the-drone-that-can-fire-an-assault-rifle/>

D7: <https://www.forbes.com/sites/davidhambling/2023/08/07/flying-sniper-dronetakes-aim/>

D8: https://www.youtube.com/shorts/XW____dtgC7y8

D9: <https://dronedj.com/2022/10/20/ukraine-machine-gun-drone/>

D10: <https://metro.co.uk/2022/01/11/israeli-made-gun-toting-drone-can-carry-and-fire-an-assault-rifle-15898097/>

D11: <https://www.bbc.com/news/technology-40901393>

D12: https://techcrunch.com/2017/08/17/a-defense-company-put-a-machine-gun-on-a-drone/?guccounter=1&guce_referrer=aHR0chM6Ly93d3cuZ29vZ2xILmNvbS88guce_referrer_sig=AQAAAHZeNYvmgJ_FvqWTA_ZZVx2g6OEX-bEdrxftT7kL0-_cLu1ADX0DF-su5PXwbIRI/DPw7-e6KjIM-

In each of the technical solutions D1-D12, a rifle is revealed that is mounted on a drone. At the same time, the drone, in each of the technical solutions D1-D12, is an ordinary, full-fledged aircraft, inside of which there are all the means to ensure the operation of both the drone itself and the rifle mounted on it. The rifle in D1-D12 performs only the functions of additional equipment attached to the drone, does not carry any flight functions and does not contain in its body any means that provide flight functions. Drones in D1-D12 are devices independent from any equipment installed on them; they can fly without any additional equipment suspended on them, including a rifle, while the rifle in D1-D12 is only additional equipment installed on the drone, is completely dependent on the drone and cannot operate without the drone.

A significant and fundamental difference between the claimed invention is that all the components that ensure the flight functions of the rifle, as well as the operation of all systems and mechanisms of the rifle, including the electronic control unit and battery, are located in the body of the rifle itself! Attached to the rifle body is a frame on which the rifle engines are mounted, the operation of which is also fully ensured by means located in the rifle body. The claimed invention does not contain a classic drone on which additional equipment in the form of a rifle is installed, but in fact the rifle itself is a full-fledged aircraft, inside the body of which all the means are contained to ensure its operation and movement in the air! In fact, the claimed invention presents a new type of aircraft, unknown from the prior art, which is a hybrid of a drone and a rifle.

A significant disadvantage of the D1-D12 is also the large dimensions and heavy weight of the D1-D12. Transporting D1-D12 will require vehicles, which will pose an additional difficulty in combat conditions. The heavy weight of the D1-D12 will also cause excessive battery drain, which will negatively affect the range and flight duration of the D1-D12. A significant advantage of the claimed technical solution is its compactness and low weight compared to D1-D12. The rifle in the claimed technical solution may have a collapsible frame design (FIG. 11), which will allow the rifle to be placed in a special case that can be easily transported by one person (FIG. 12). To transport the rifle in the stated solution, no additional vehicle will be needed, which in combat conditions will be a big advantage over the D1-D12. In addition, the low weight of the rifle in the specified technical solution will have a positive effect on the duration and range of the rifle's flight.

BRIEF SUMMARY

A flying rifle, characterized in that a frame is hinged to the body of the rifle, on which engines are installed, ensuring the lifting and movement of the rifle in the air, and in the body of the rifle there is a barrel, a trigger mechanism, a set of cartridges, a video camera, and also an electronic control unit is located and a battery that ensures the operation of all systems and mechanisms of the rifle, as well as engines located on the frame.

BRIEF DESCRIPTION OF DRAWINGS

FIG.1 - General view of the flying rifle.

FIG.2 - General view of a flying rifle, where the dotted lines show the possible position of the body of rifle when the barrel is rotated down.

FIG.3 - Front view of a flying rifle.

FIG.4 - An enlarged front view of a flying rifle.

FIG.5: a- The inner panel (7) of the lower, supporting part of the frame, with parts (21) of the recoil damping mechanism, statically installed on its outer side.

b- the outer panel (8) of the lower, supporting part of the frame, with parts (19-22) of the recoil damping mechanism installed on its inner side.

FIG.6: a- Two panels (7-8) of the lower, supporting part of the frame, movably connected to each other by the parts of the recoil damping mechanism, which are in their original position.

b- the action of the recoil damping mechanism, in which the inner panel (7) of the lower, supporting part of the frame, as a result of the shot, moves back, compressing the spring (22).

FIG.7 - The device of the rotary mechanism in the context.

FIG.8 - Components of the body of a flying rifle and their internal arrangement

FIG.9 - General view of a flying rifle with additional combat equipment installed on the body of rifle and the rifle barrel.

FIG.10 - Remote control panel of a flying rifle.

FIG.11: a- The way of folding of parts of a flying rifle.

b - flying rifle in a folded position in a portable case.

FIG.12 - Shooter-operator armed with a case-carried flying rifle.

DETAILED DESCRIPTION OF THE INVENTION

FIG.1: 1- the body of rifle, 2- barrel, 3- upper, supporting part of the frame, 4- beam of the frame, 5- rifle engine, 6- propellers, 7- inner panel of the lower, supporting part of the frame, in which the body of rifle (1) is statically installed, 8 - outer panel of the lower, supporting part of the frame, statically connected to the rotary mechanism (9) and which has a movable connection with the inner panel (7) , 9 - rotary mechanism, 10 - rotary mechanism engine, 11 - rifle support rack, 12 - video camera statically mounted on the front part of the barrel (2), 13 - power and control wire for video camera , 14 - power and control wires for rifle and rotary mechanism engines, 15 - magazine, 16 - bolt lever, 17 - holes in the body of rifle for ventilation, as well as to lighten the weight of the body of rifle.

FIG.2: 1 - the body of rifle, 2 - barrel, 3 - upper, supporting part of the frame, 4 - beam of the frame, 5 – rifle engine, 9 - rotary mechanism, 12 - video camera, 18 - possible position of the the body of rifle when rotating downwards, shown in dotted lines .

FIG.3: 1 - the body of rifle, 2 - barrel, 3 - upper, supporting part of the frame, 4 - beam of the frame, 5 – rifle engine, 6 - propellers, 7 - inner panel of the lower, supporting part of the frame, in which the body of rifle (1) is statically installed, 8 - outer panel of the lower, supporting part of the frame, statically connected to the rotary mechanism (9) and which has a movable connection with the inner panel (7), 9 - rotary mechanism, 10 - rotary mechanism engine, 11 - rifle support rack, 12 - a video camera, 14 - power and control wires for rifle and rotary mechanism engines , 15 – magazine.

FIG.4: 1 - the body of rifle, 2 - barrel, 3 - upper, supporting part of the frame, 4 - frame beam, 7 - inner panel of the lower, supporting part of the frame, 8 - outer panel of the lower, supporting part of the frame, 19 - guide gutters, statically installed on the inner side of the outer panel (8) of the lower, supporting part of the frame, and which are part of the recoil damping mechanism, 9 - rotary mechanism, 10 - rotary mechanism engine, 11 - rifle support rack, 20- rifle support rack mount, mounted on the upper, supporting

part of the frame (3), **12** - video camera, **14** - power and control wires for rifle and rotary mechanism engines.

FIG.5: a - **7** - inner panel of the lower, supporting part of the frame, **21** - guide rails, statically installed on the outer side of the inner panel(7) and which are inserting into the guide gutters (19) statically installed on the inner side of the outer panel (8).

b - **8** - outer panel of the lower, supporting part of the frame, on the inside of which guide gutters (19) are installed statically, into which guide rails (21) of the inner panel (7) are inserted, **19** – guide gutters, **21** - rail, **22** – springs, installed inside the guide gutters (19), supporting and holding the guide rails (21) in their original position.

FIG.6: a - **7** - inner panel of the lower, supporting part of the frame, **8** - outer panel of the lower, supporting part of the frame, **19** – guide gutter, installed statically on the inside of the outer panel(8), **21** - guide rail, statically installed on the outer side of the inner panel (7) and which inserted into the guide gutter (19), **22** – spring, inserted into the guide gutter (19) and which holds the guide rail (21) in its initial position.

b - **7** - the inner panel of the lower, supporting part of the frame, moved back as a result of recoil when the rifle was fired, **8** - the outer panel of the lower, supporting part of the frame, **19** - a guide gutter, installed statically on the inner side of the outer panel (8), **21** - a guide rail, installed statically on the outer side of the inner panel (7), which is inserted into the guide gutter (19) of the outer panel and which, as a result of recoil when fired, pushes and compresses the spring back together with the inner panel (7) and with the body of rifle installed in it, **22** - spring compressed as a result of recoil, which, after compression, unclenched, will set the guide rail (21) together with the inner panel(7) and the body of the rifle, statically installed in it to its initial position.

FIG.7: 1- the body of rifle, **3**- upper, supporting part of the frame, **7**- inner panel of the lower, supporting part of the frame, **8**- outer panel of the lower, supporting part of the frame, **19**- guide gutter , **4**- frame beam, **11**- rifle support rack , **20** - rifle support rack mount, **10**- rotary mechanism engine, **23** - one part of the body of the rotary mechanism, which is statically installed on the inner side of the upper, supporting part of the frame (3), **24** - the outer ring of the bearing, installed statically inside part (23) of the body of the rotary mechanism, **25** - the second part of the body of the rotary mechanism , installed statically on the outer side of the outer panel (8) of the lower, supporting part of the frame and which has an inner ring (26) that is statically installed in the inner ring (27) of the bearing, **26** - inner ring of the second part (25) of the body of the rotary mechanism, **27** - inner ring of the bearing, **28** – teeth, located on the inner surface of the inner ring (26) of the part (25) of the body of the rotary mechanism, **29** - one bearing roller, **30** - another bearing roller , **31**- rotary mechanism engine shaft, **32** – teeth, located on the outer

surface of the shaft (31) of the rotary mechanism engine, pushing teeth (28) during rotation, located on the inner surface of the inner ring (26) of the part (25) of the rotary mechanism body and thus driving and rotating second part (25) of the body of the rotary mechanism and together with it the lower, supporting part of the frame and the body of the rifle, **33** - power and control wire of the rotary mechanism engine, **34** - power and control wire of the rifle engine.

FIG.8: **35** - one section of the body of the rifle, in which the firing mechanisms and the barrel of the rifle are located, **36** - the second section of the body of the rifle, in which the battery (44) and the electronic control unit (43) of the rifle are located, **37** - cover of the second section (36) of the body of rifle, **38** - shown in dotted lines, the part of the rifle barrel located inside the section (35) of the body of rifle, **39** - tube for removing powder gases, **40** - bolt mechanism, **41** - return mechanism, **42** - electric trigger, **2** - barrel, **12** - video camera, **15** - magazine, **16** - lever of the bolt mechanism, **45** - power and control wire for electric trigger (42).

FIG.9: **1** - the body of rifle, **2** - the barrel, **12** - a video camera, **46** - a silencer, **47** - a guided rocket.

FIG.10: **48** - the body of the remote control panel, **49** - the screen of the remote control panel, **50** - the left joystick of the remote control panel, with a flexible loop at the end, for the convenience of controlling the joystick, **51** - the right joystick of the remote control panel, with a flexible loop at the end, **52** - the finger of the shooter-operator, **53** - shot button, **54** - rotary control dial to zoom in and out on the screen (49) of the remote control panel, **55** - one antenna, **56** - second antenna, **57** - crosshairs of the sight, **58** - target shown in dotted lines, **59** - indicator of the distance to the target, **60** - an indicator of the height at which the rifle is located, **61** - an indicator of wind speed, **62** - an indicator of wind direction, **63** - an indicator of the number of spent cartridges, **64** - an indicator of the time the rifle was in flight, **65** - an indicator battery charge level, **66** - button on and off the remote control panel.

FIG.11: **a- 1** - the body of rifle, **2** - barrel, **3** - upper, supporting part of the frame, **5** - rifle engine, **12** - video camera, **9** - rotary mechanism, **10** - rotary mechanism engine, **67** - the initial position of the frame beam shown by the dotted line, **68** - frame beam in the folded position, **69** - the initial position of the rifle support rack, shown in dotted lines, **70** - rifle support rack in the folded position, **71** - propellers in the folded position.

b - 72 - rifle case, **73** - case cover, **74** - folded flying rifle in a case, **48** - remote control panel, **75** - spare battery, **15** - magazine, **46** - silencer, **47** - guided rocket.

FIG.12: **76** - shooter-operator, **72** - case, **77** - shown in dotted lines, a flying rifle in a folded position, located inside a closed case.

DETAILED EXAMPLES

A remote-controlled, flying rifle is an automatic small arms weapon. Before starting the rifle, the shooter-operator twitches the bolt lever (16), driving the cartridge into the barrel chamber and launches the rifle into flight. Further, when the rifle is in the air, after each shot, the rifle is automatically reloaded. In the process of moving a flying rifle in airspace, the shooter-operator monitors the surface of the earth or water using a video camera (12), which transmits the image to the screen (49) of the remote control panel. The video camera performs the functions of a rifle sight, is statically installed in the front part of the rifle barrel and always looks in the same direction as the barrel, both in the initial position of the barrel and when the barrel moves down or up. If a target is detected, the shooter-operator aims at the target the crosshairs of the sight (57), located in the center of the screen (49) of the control panel, and presses the shot button (53), also located on the rifle remote control panel. The flying rifle has a rotary mechanism (9), thanks to which the body of rifle (1) can rotate up and down, parallel to the length of its body and perpendicular to the axis of its connection with the frame (FIG.2), which allows to optimize the visibility and hitting rifle targets. The rotation of the rifle to the left and the right is carried out by control of the engines of the rifle. At the same time, the axis of connection of the body of rifle with the frame and the rotary mechanism should be located at the points of the centers of gravity of the body of rifle and the frame, which will facilitate the load on the rotary mechanism (9) during the rotation of the body of rifle. The downward angle of the rifle barrel during rotation can be up to 90 degrees or more. The rifle has a recoil damping mechanism when fired (FIG.5-6), which will reduce the vibrations and displacement of the rifle when fired and increase the efficiency of hitting rifle targets.

The remote control panel (48) of the rifle displays the necessary and useful data for the shooter-operator, such as: distance to the target (59), height (60) at which the rifle is located, wind speed (61), wind direction (62), the number of spent cartridges (63), the time the rifle has been in flight (64) and the battery charge level (65). All this data will allow the shooter-operator to more objectively assess the situation and more effectively work on detecting and hitting targets.

The flying rifle can be equipped with a silent firing device (46) and a night vision video camera, which will allow the rifle to observe and fire at any time of the day, remaining as invisible to the enemy as possible. Also, a flying rifle can have a camouflage color to be more inconspicuous against the sky.

The rifle may have additional weapons, in the form of dropped bombs or a guided rocket (47), with which the shooter-operator can hit the accumulation of enemy manpower, enemy equipment or other military objects of the enemy. In addition to hitting targets, the flying rifle can also monitor and correct the fire of artillery systems on the enemy.

A set of cartridges for a flying rifle is located in a magazine(15), attached to the body of rifle from the outside. The number of cartridges in the magazine may be limited only by the design parameters of the magazine and the rifle. In versions of the rifle, a set of cartridges can also be located inside the body of rifle.

In case of loss of communication with the flying rifle, the flying rifle may have an "auto-return" system. Such a system may be an autopilot that records the entire route of the rifle from the point of departure, and which, in the event of loss of communication with the rifle, is automatically activated and returns the flying rifle back to the point of origin, along the same route. Such a system will avoid the loss of a flying rifle as a result of the actions of enemy electronic warfare.

The flying rifle can be produced in light and heavy versions. A light rifle, may have a smaller caliber of bullets and be designed to defeat enemy manpower. A heavy rifle can have a larger caliber of bullets, armor-piercing or incendiary, capable of hitting lightly armored enemy vehicles, ammunition depots, fuel and other enemy equipment, thereby causing damage to the enemy's material and technical base and logistics.

A flying rifle should be made from the most durable and at the same time as light materials as possible. For example, the frame of a rifle, its upper (3) and lower (7-8) supporting parts, as well as the rotary mechanism (9) can be made from such a light and durable material as titanium. The body of rifle and other parts can be made of hard plastic and other suitable materials.

The flying rifle may have a folding frame design (FIG.11). This solution will increase the convenience of use of the rifle. The flying rifle can be stowed in a special case (72), which the shooter-operator can store and transport (FIG.12) between combat use of the rifle. In addition to the flying rifle itself, the portable case can also contain spare parts and accessories necessary for the operation and maintenance of the rifle, which will be especially convenient for the shooter-operator in combat conditions.

It is advisable to create separate, mobile combat groups armed with flying rifles, acting in coordinated manner, having communication and common command among themselves. Such groups, moving at a distance from the line of hostilities and at any time of the day, will be able to destroy enemy manpower and equipment in the combat area and behind enemy lines, not giving the enemy peace and respite even at night, thereby helping and facilitating the work of their ground forces.

In addition to military operations, the flying rifle can also be used in local police and special operations, while guarding strategically important objects, military installations, and for other security purposes.

Patent Claims

- 1.** A flying rifle, in the body of which there is a barrel, a trigger mechanism, a set of cartridges, a video camera, a frame is hinged to the body of the rifle, on which engines are installed that ensure the lifting and movement of the rifle through the air, characterized in that the body of the rifle contains an electronic control unit and a battery, ensuring the operation of all systems and mechanisms of the rifle, as well as rifle engines.
- 2.** A flying rifle, as described in claim 1, characterized in that it has a rotary mechanism that providing the rotation of the body of rifle in the direction up and down, parallel to the length of the body of rifle and perpendicular to the axis of connection of the body of rifle with the frame.
- 3.** A flying rifle, as described in claim 1, characterized in that the video camera is mounted statically on the front part of the barrel.
- 4.** A flying rifle, as described in claim 1, characterized in that the video camera performs the functions of a sight of a flying rifle.
- 5.** A flying rifle, as described in claim 1, characterized in that the rifle is controlled remotely, using a remote control panel.
- 6.** A flying rifle, as described in claim 1, characterized in that the shot from the rifle is remotely triggered by a signal from the remote control panel of the rifle.
- 7.** A flying rifle, as described in claim 1, characterized in that it has an electric trigger.
- 8.** A flying rifle, as described in claim 1, characterized in that it has a recoil dampening mechanism when fired.
- 9.** A flying rifle, as described in claim 1, characterized in that the set of cartridges for the flying rifle is located in the magazine, which is detachably attached to the body of rifle, from the outside of the body of rifle.
- 10.** A flying rifle, as described in claim 1, characterized in that it may have a folding frame structure.

Patentkrav

1. En flygende rifle, i kroppen som det er en løp, en utløsermekanisme, et sett med patroner, et videokamera, en ramme er hengslet til riflens kropp, på hvilken motorer er installert som sikrer løfting og bevegelse av riflen gjennom luften, karakterisert ved at riflens kropp inneholder en elektronisk kontrollenhet og et batteri, som sikrer driften av alle riflens systemer og mekanismer, samt riflemotorer.
2. Flyvende rifle, som beskrevet i krav 1, karakterisert ved at den har en rotasjonsmekanisme som sørger for rotasjon av riflelegemet i retningen opp og ned, parallelt med lengden av riflelegemet og vinkelrett på forbindelsesaksen av riflekroppen med rammen.
3. Flyvende rifle, som beskrevet i krav 1, karakterisert ved at videokameraet er montert statisk på den fremre delen av løpet.
4. Flygende rifle, som beskrevet i krav 1, karakterisert ved at videokameraet utfører funksjonene til et sikte av en flygende rifle.
5. Flyvende rifle, som beskrevet i krav 1, karakterisert ved at riflen er fjernstyrt ved bruk av et fjernkontrollpanel.
6. Flyvende rifle, som beskrevet i krav 1, karakterisert ved at skuddet fra riflen er fjernutløst av et signal fra riflens fjernkontrollpanel.
7. Flyvende rifle, som beskrevet i krav 1, karakterisert ved at den har en elektrisk avtrekker.
8. Flyvende rifle, som beskrevet i krav 1, karakterisert ved at den har en rekyldepemde mekanisme når den avfyres.
9. Flyvende rifle, som beskrevet i krav 1, karakterisert ved at settet med patroner for den flygende rifle er plassert i magasinet, som er avtagbart festet til riflelegemet, fra utsiden av riflelegemet.
10. Flyvende rifle, som beskrevet i krav 1, karakterisert ved at den kan ha en sammenleggbart rammestruktur.

Remote control flying rifle

Drawing

FIG. 1

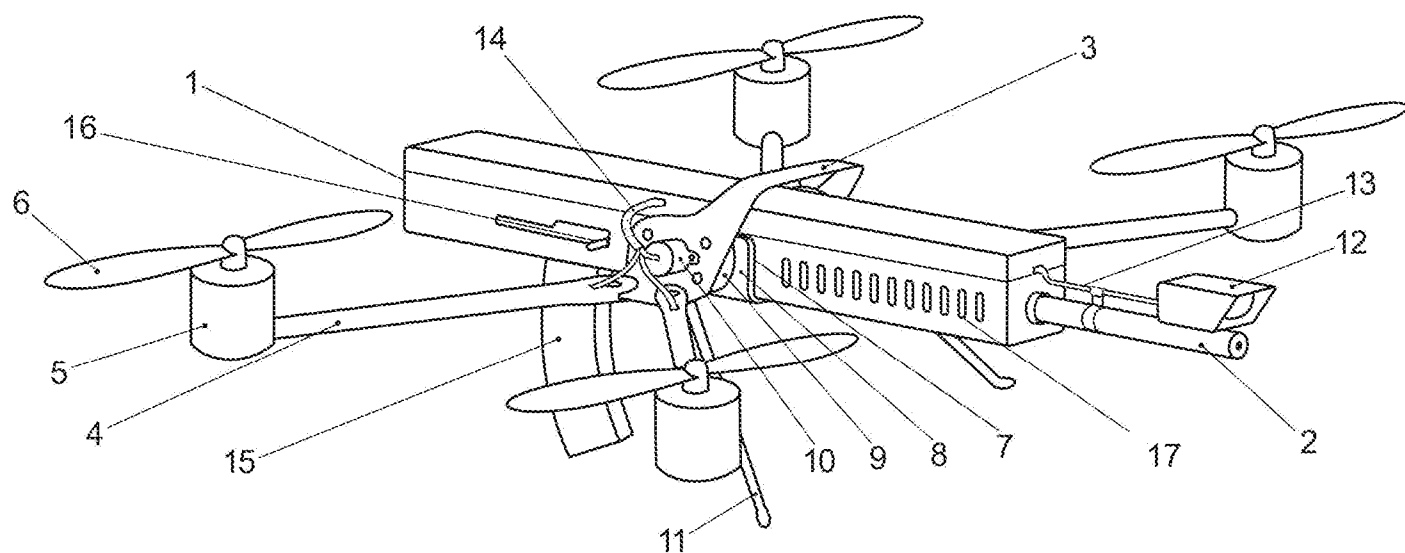


FIG. 2

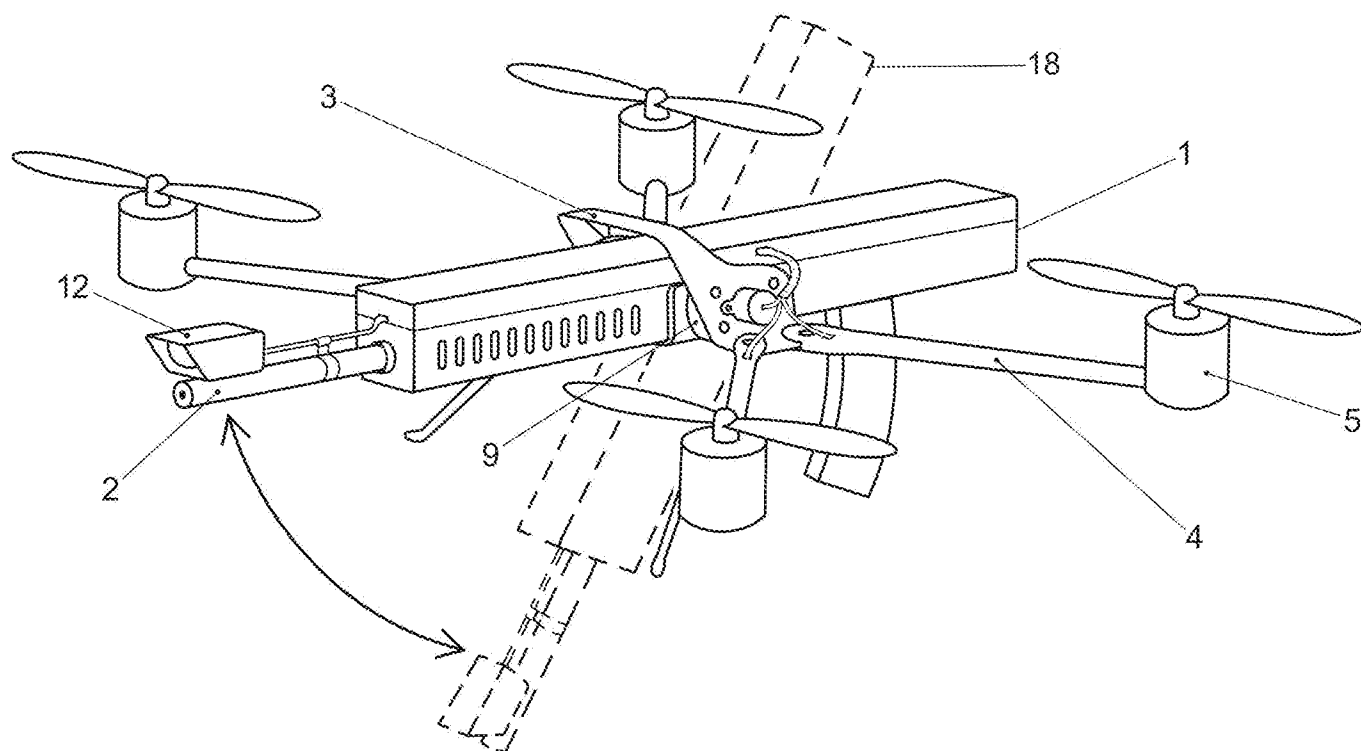


FIG.3

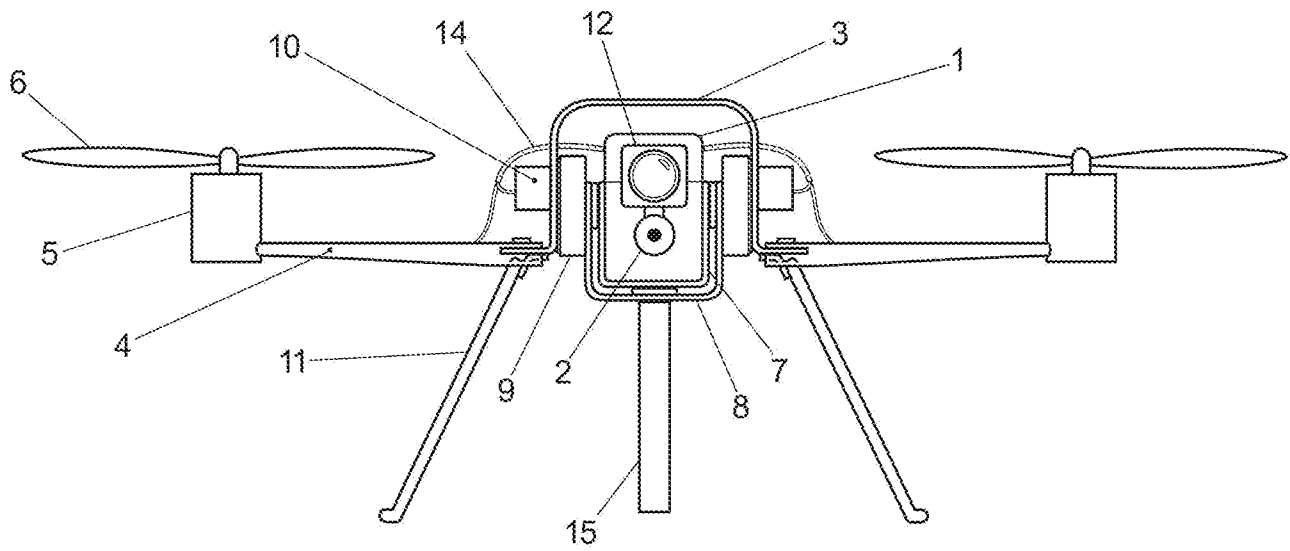


FIG.4

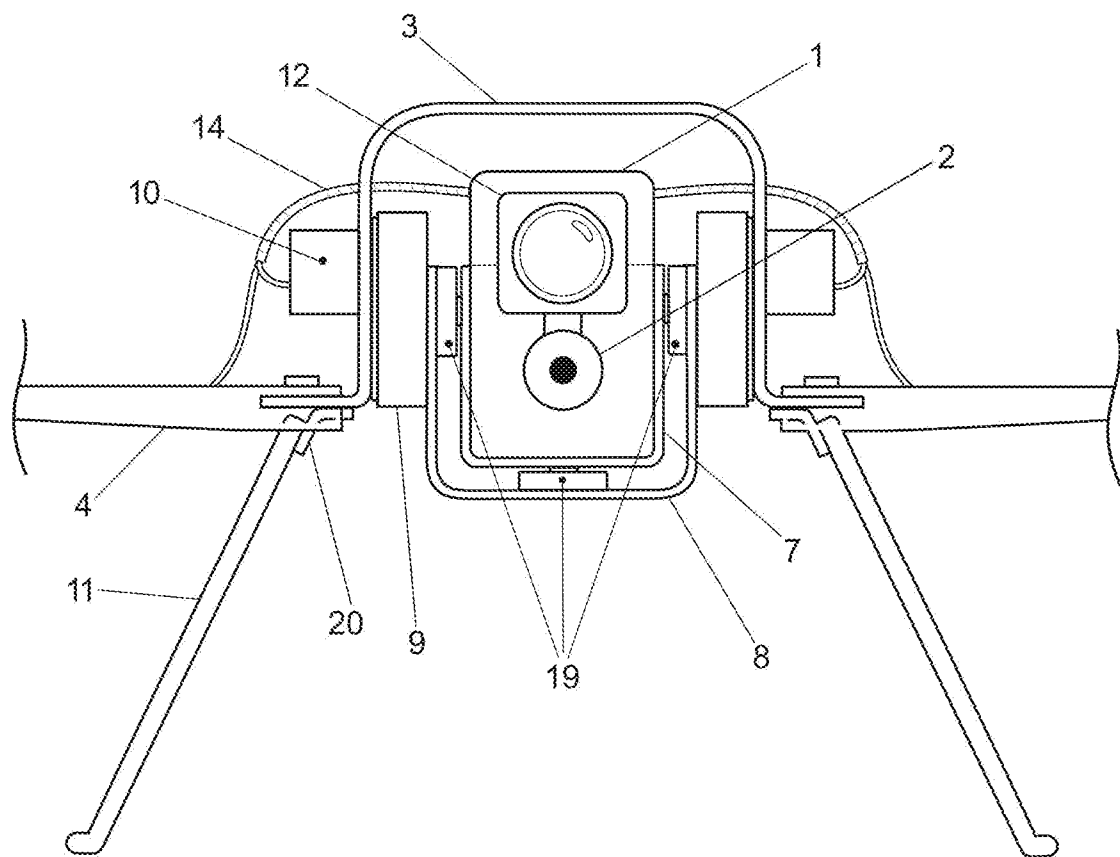


FIG.5

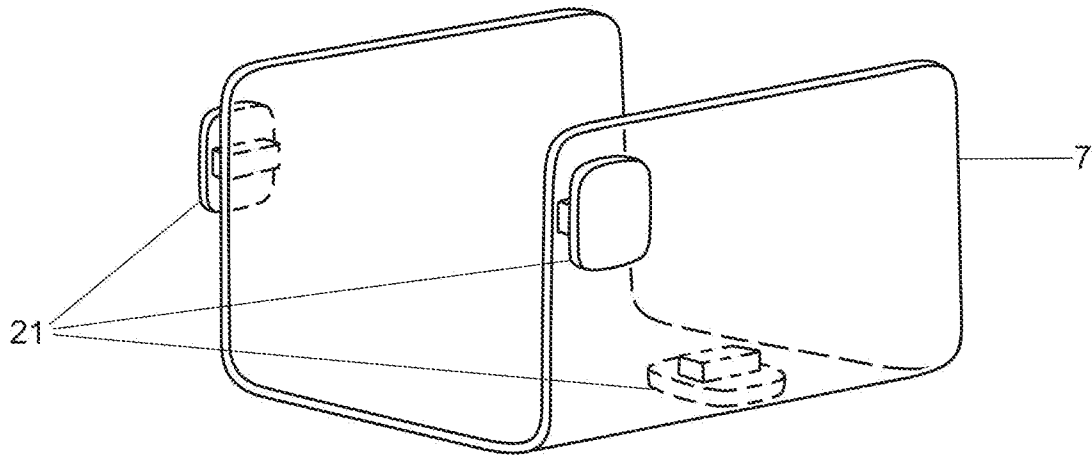
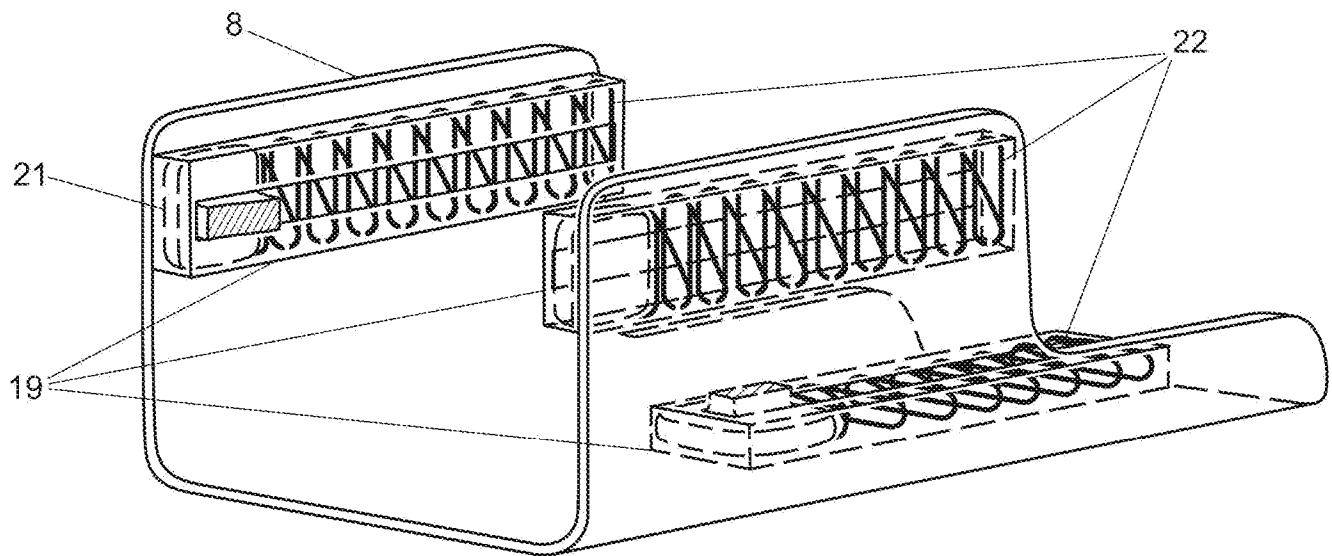
a*b*

FIG.6

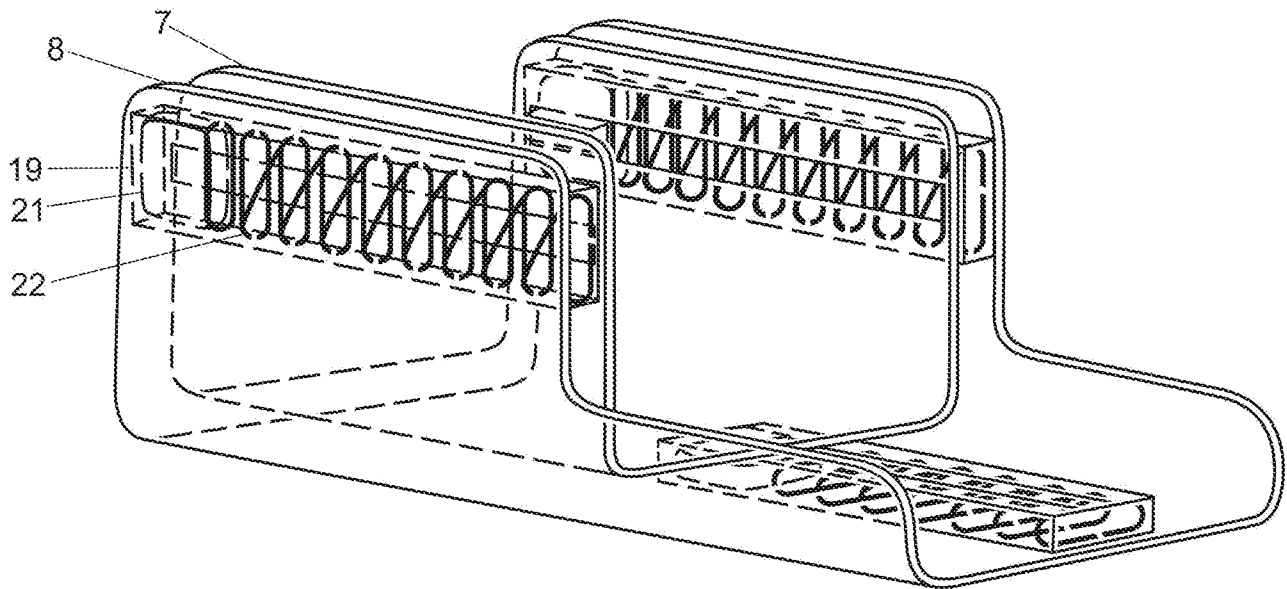
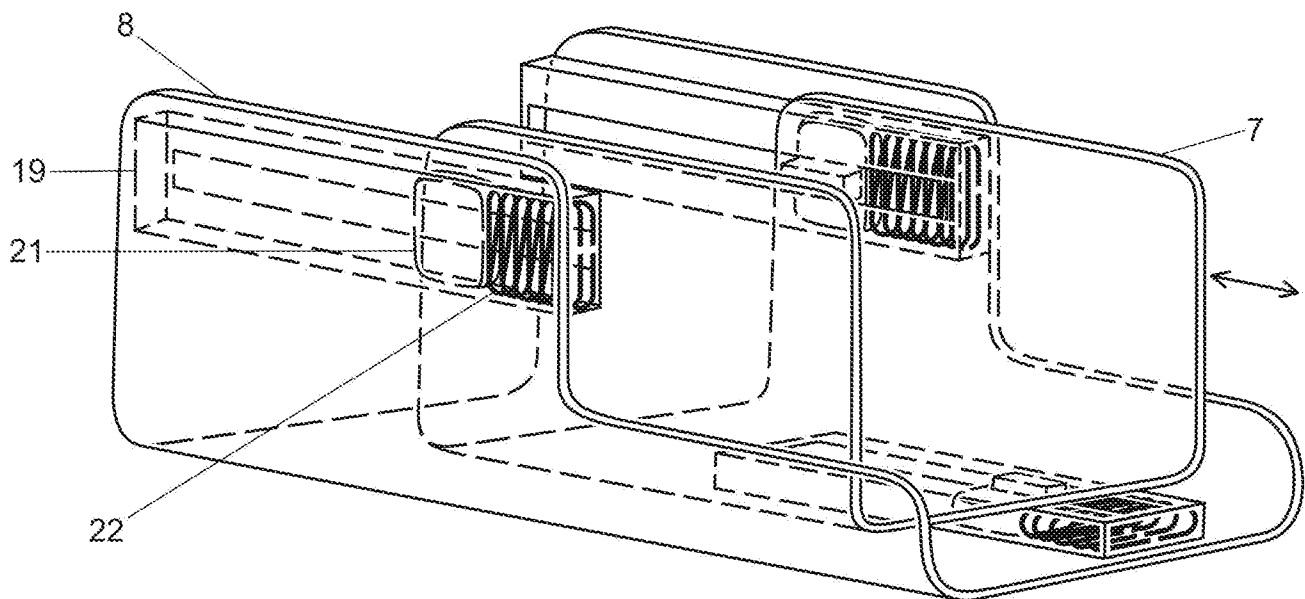
a*b*

FIG. 7

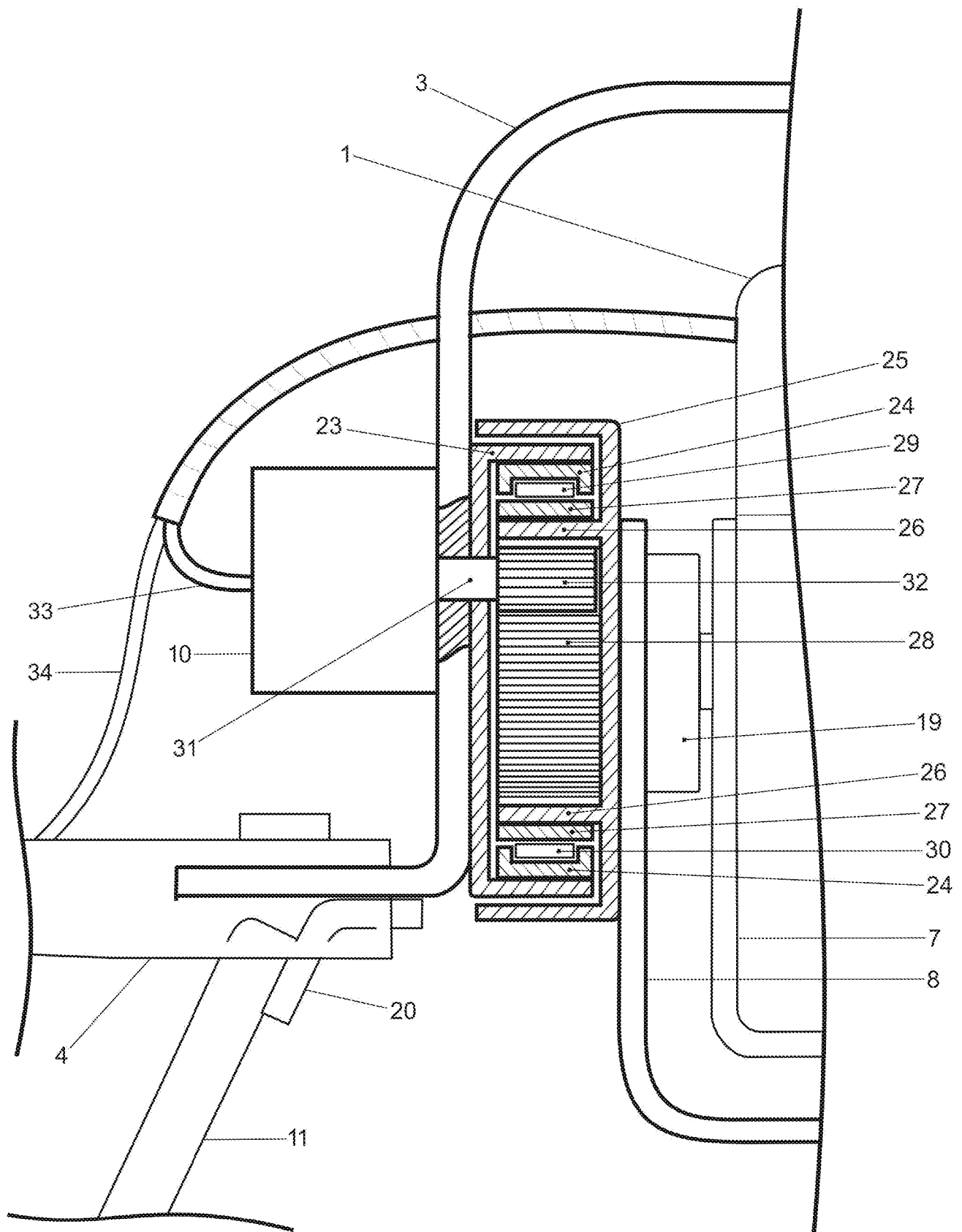


FIG.8

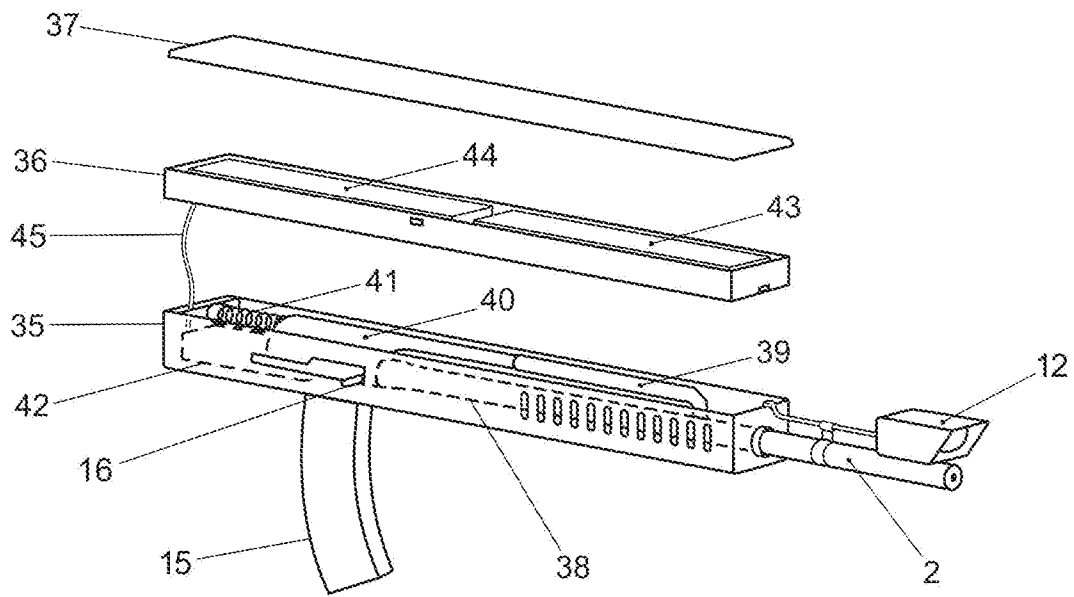


FIG.9

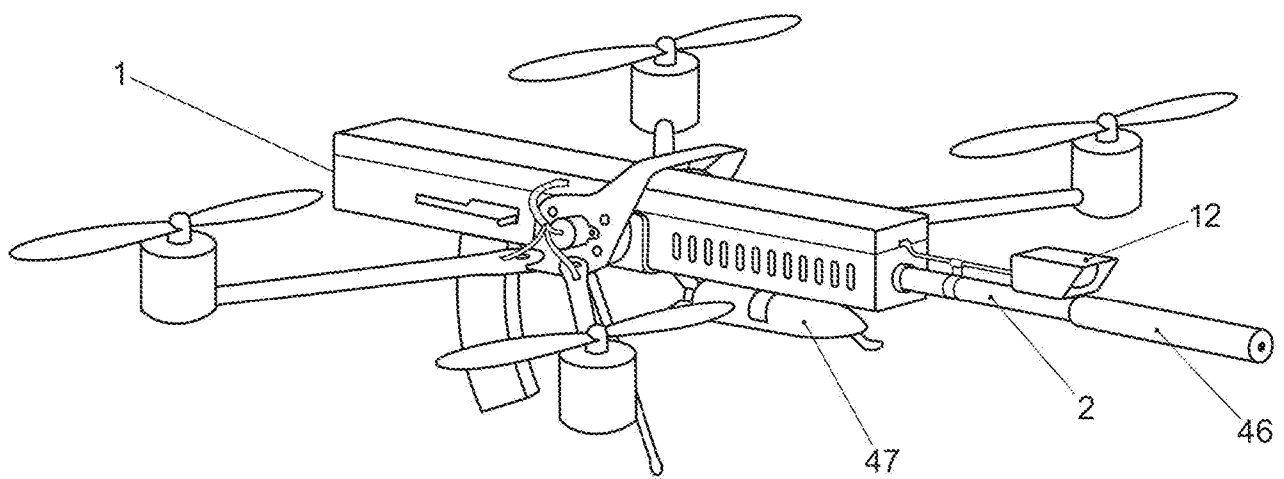


FIG.10

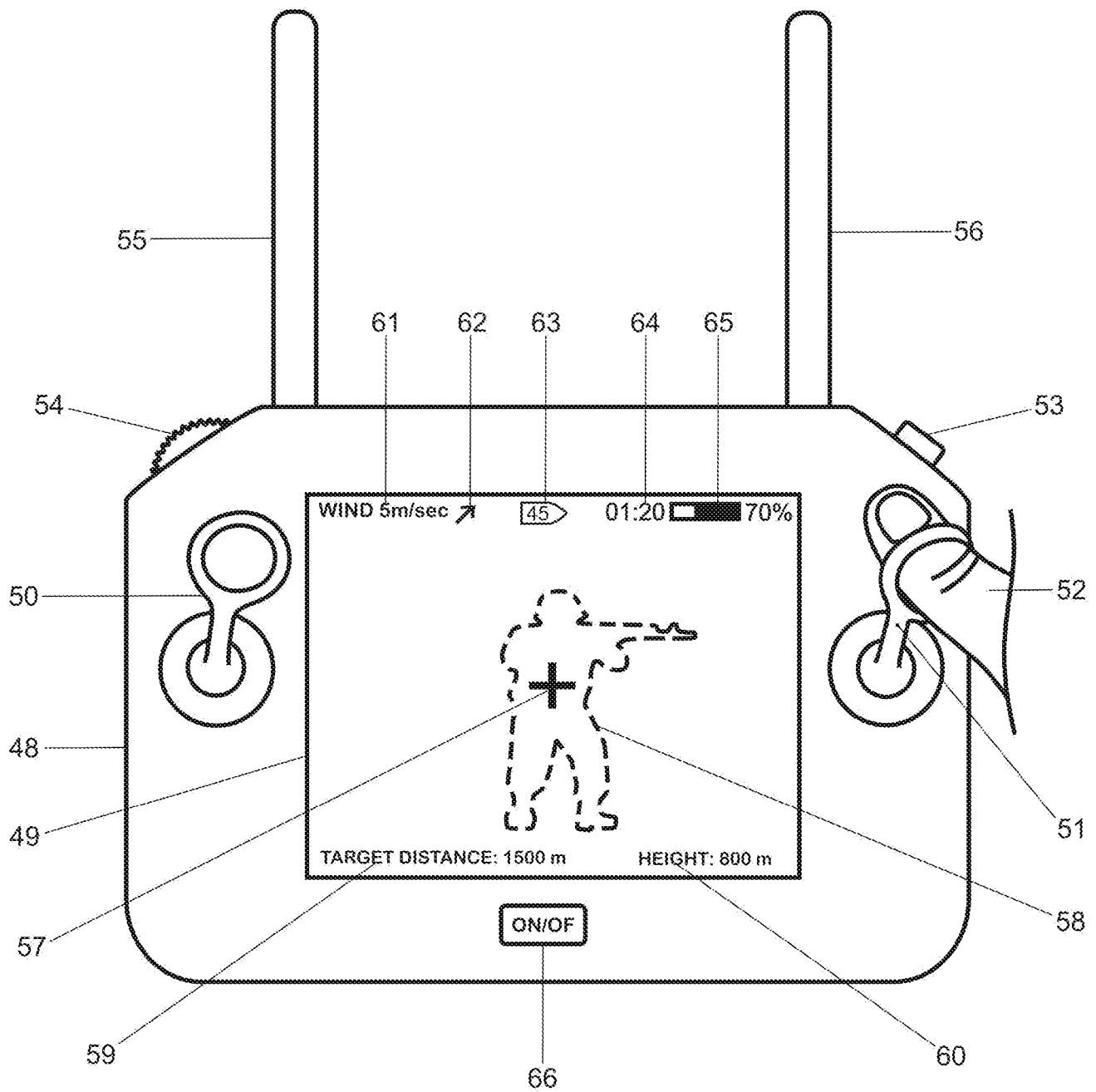


FIG.11

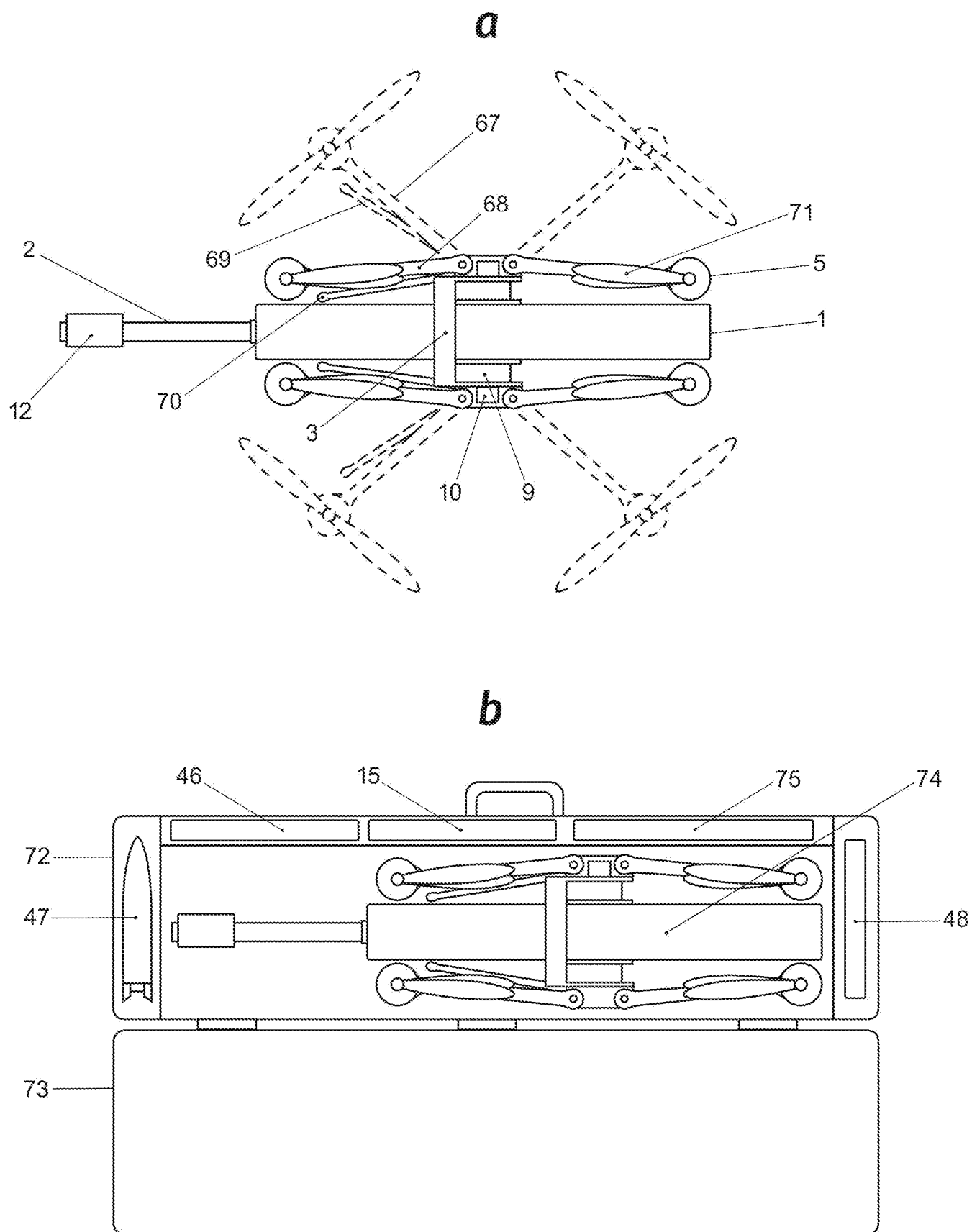


FIG.12

