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(54) ADD-ON FRONT WHEEL CASTORS FOR JOGGING STROLLER

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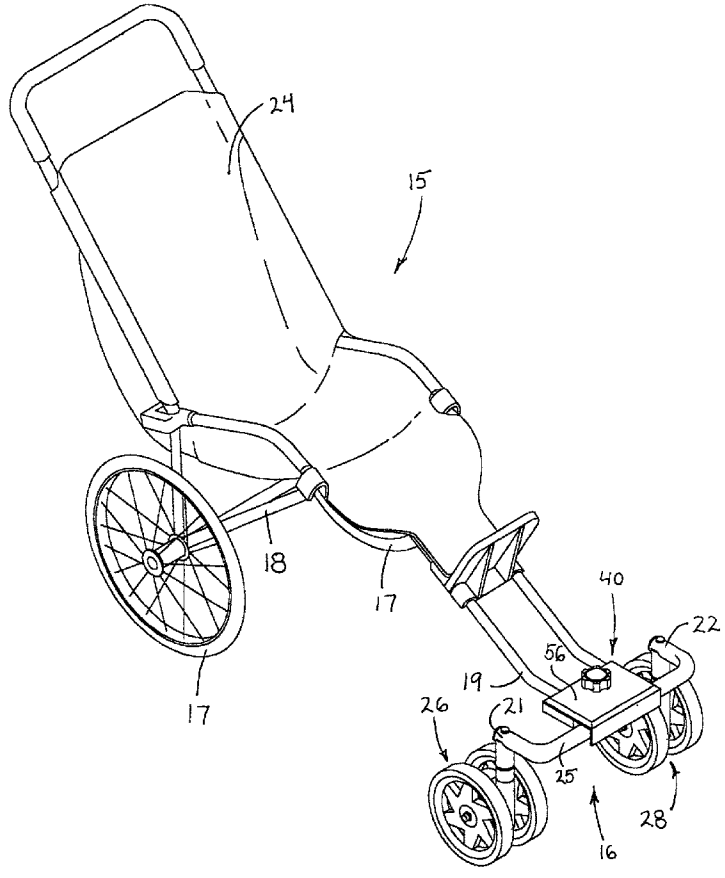
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(57) **ABSTRACT**

A set of add-on front castors or casters, configured for attachment to a conventional three wheeled jogging stroller. The add-on front castor set includes a crossbar with a first crossbar end, a second crossbar end and a mid-crossbar. A first castor mounts proximate the first crossbar end and a second castor mounts proximate the second crossbar end. The add-on front castor set also includes a fork clamp that mounts proximate the mid-crossbar. The fork clamp is attachable to a front wheel fork of the jogging stroller. The front wheel fork is configured to accept a hubbed axle of the single forward wheel that is detachable to so that the front wheel fork can receive the fork clamp of the add-on front castor set. The fork clamp of the front castor set is attached to the front fork by first inserting the front fork between a top clamp plate a bottom clamp plate. A clamp screw threads between the top clamp plate and the bottom clamp plate, and a clamp knob is mounted to an end of the clamp screw. By turning the clamp screw, the front fork is compressed between the top clamp plate and the bottom clamp plate to securely mount the fork clamp to the front fork. The add-on castor allows a jogging stroller to function much as a conventional "baby stroller," with swiveling castors for quick changes in the direction of forward or rearward travel.



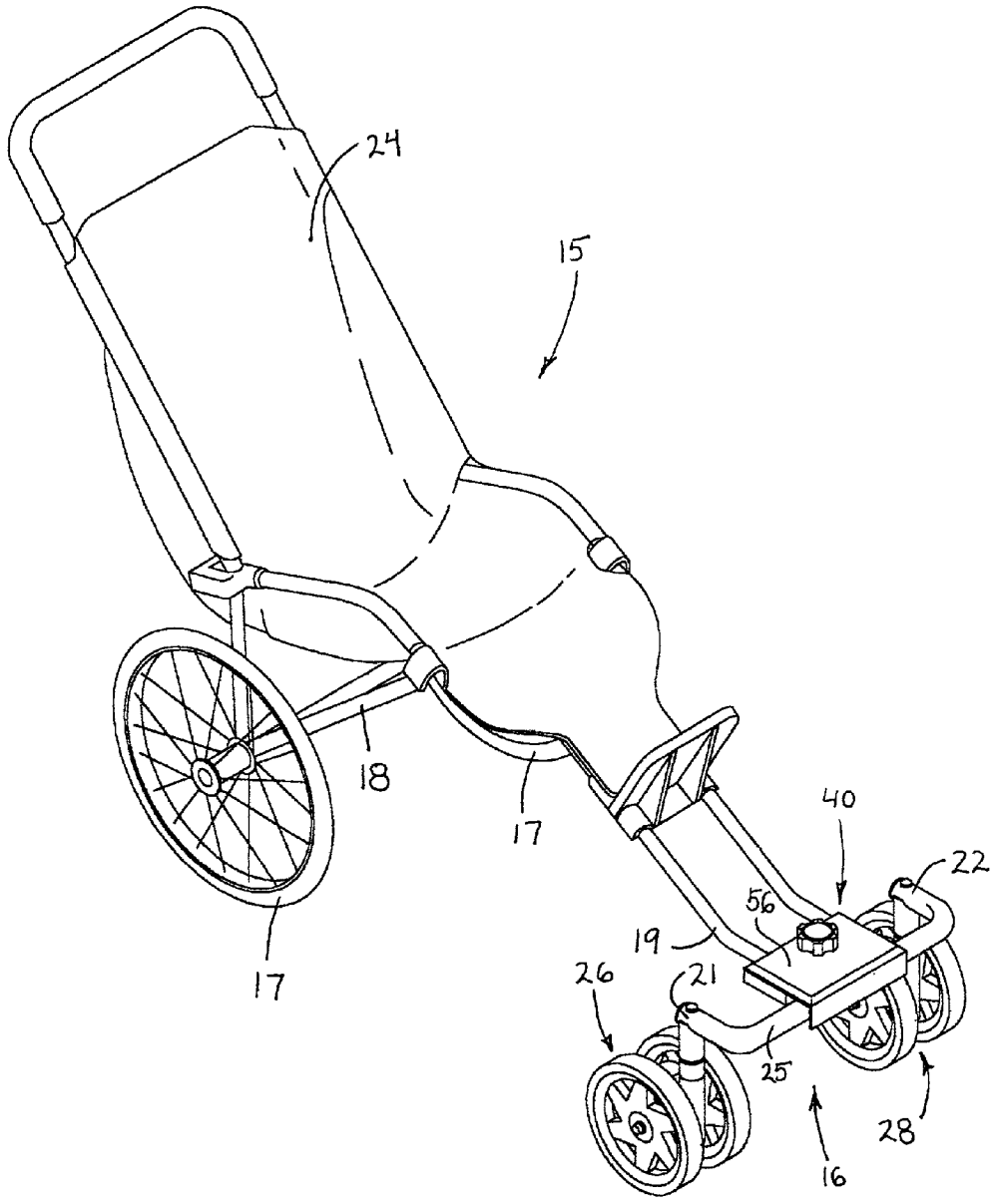


FIG. 1

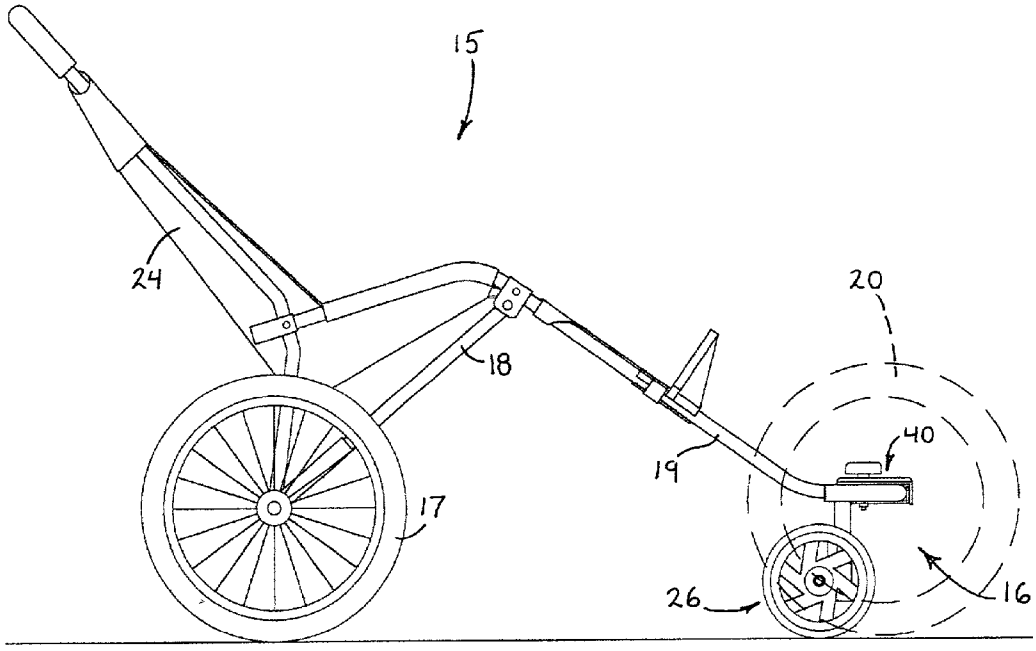


FIG. 2

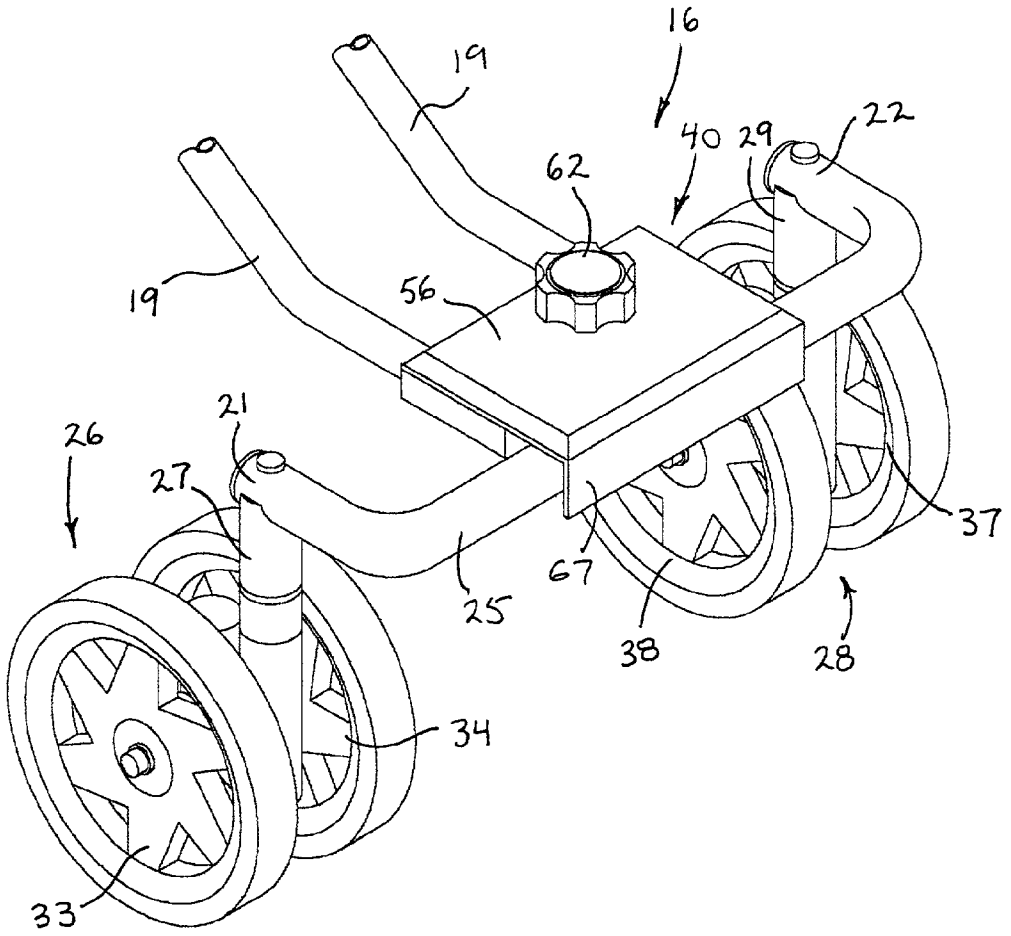


FIG. 3

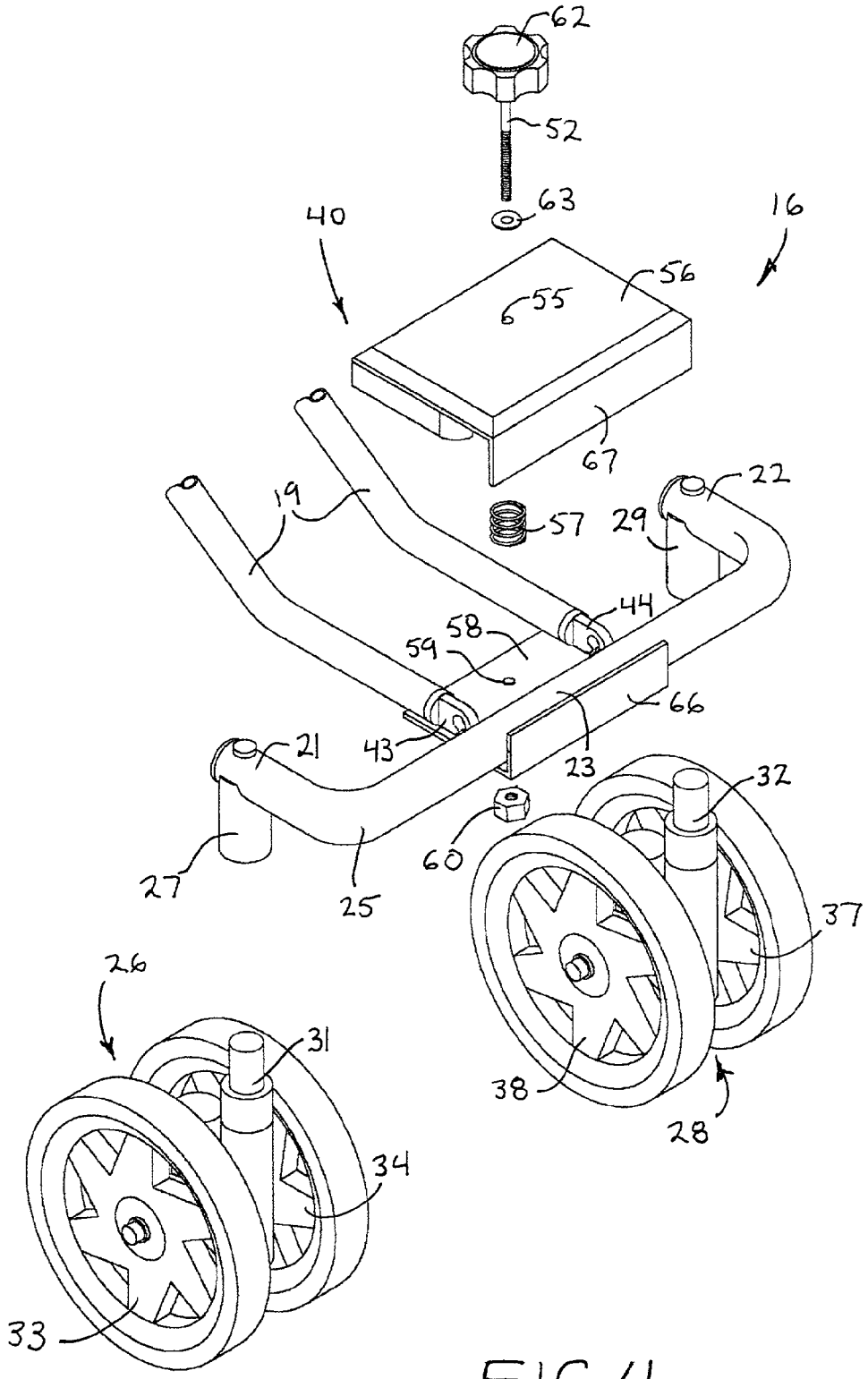

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FIG. 4

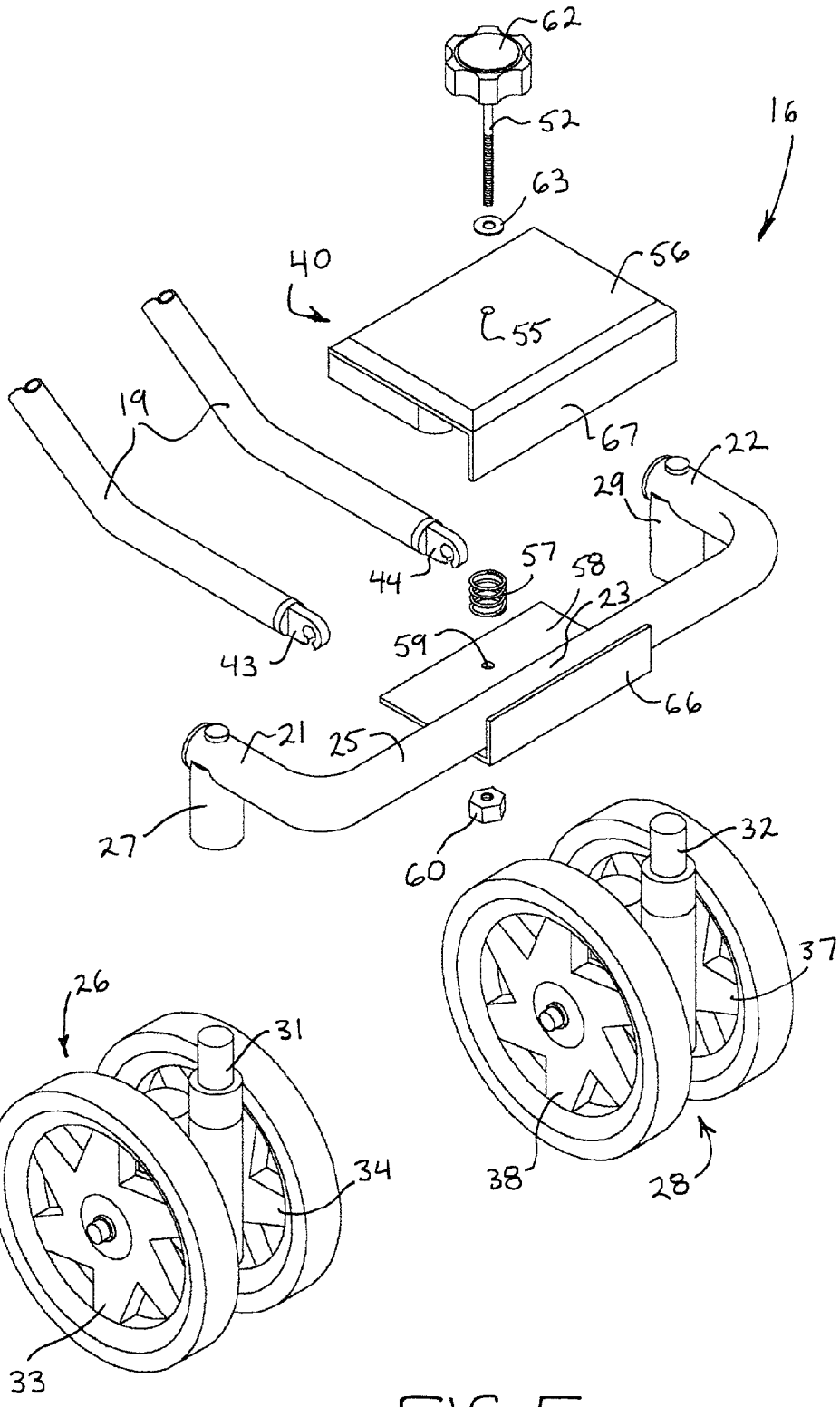

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FIG. 5

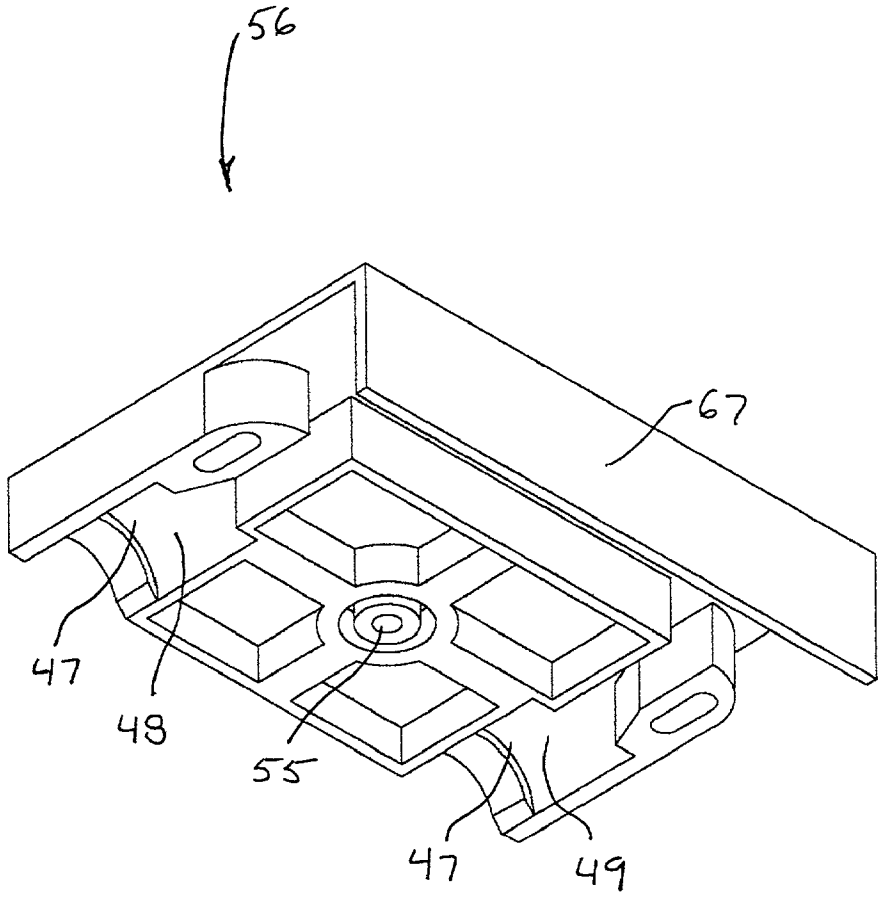


FIG. 6

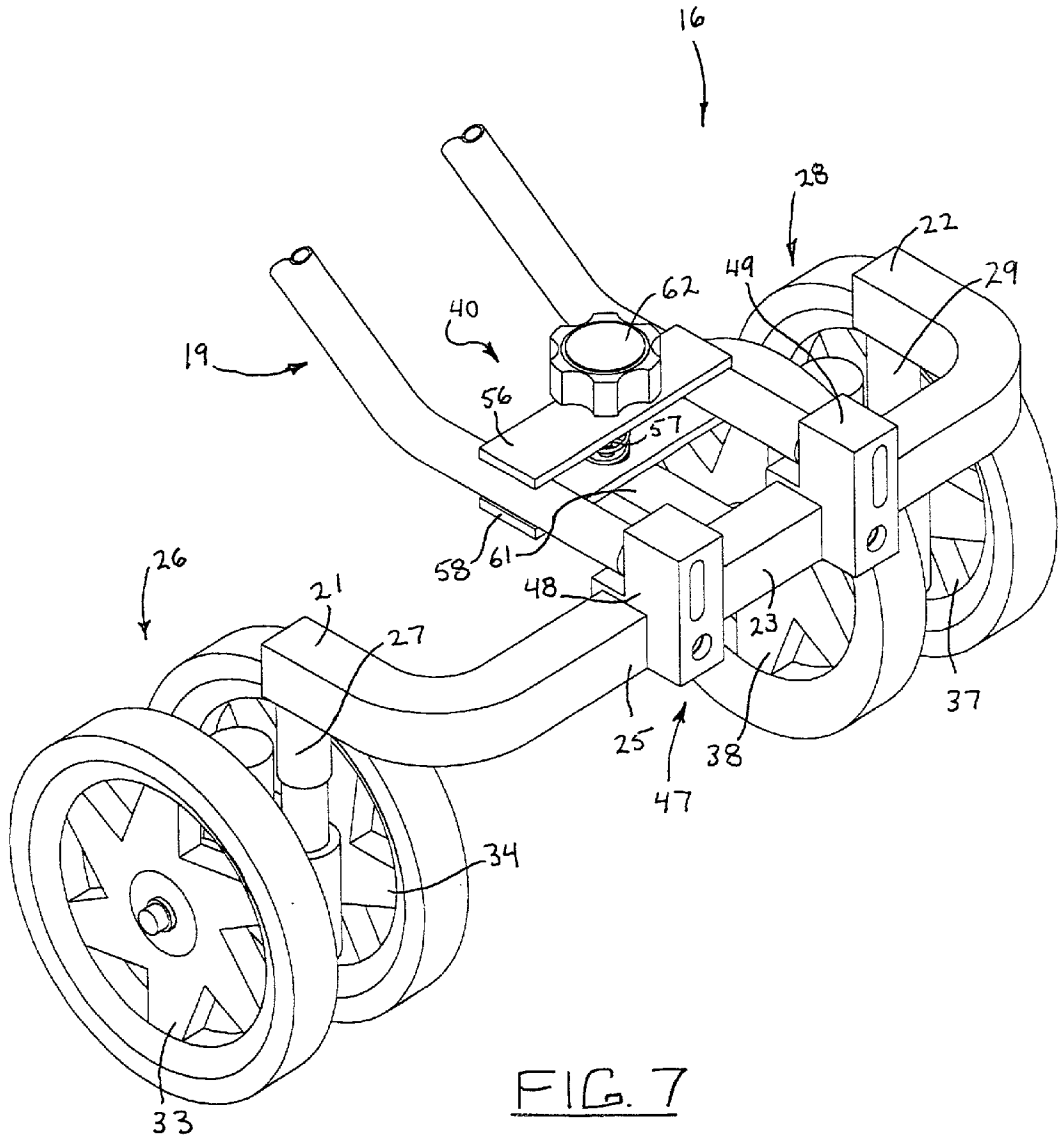


FIG. 7

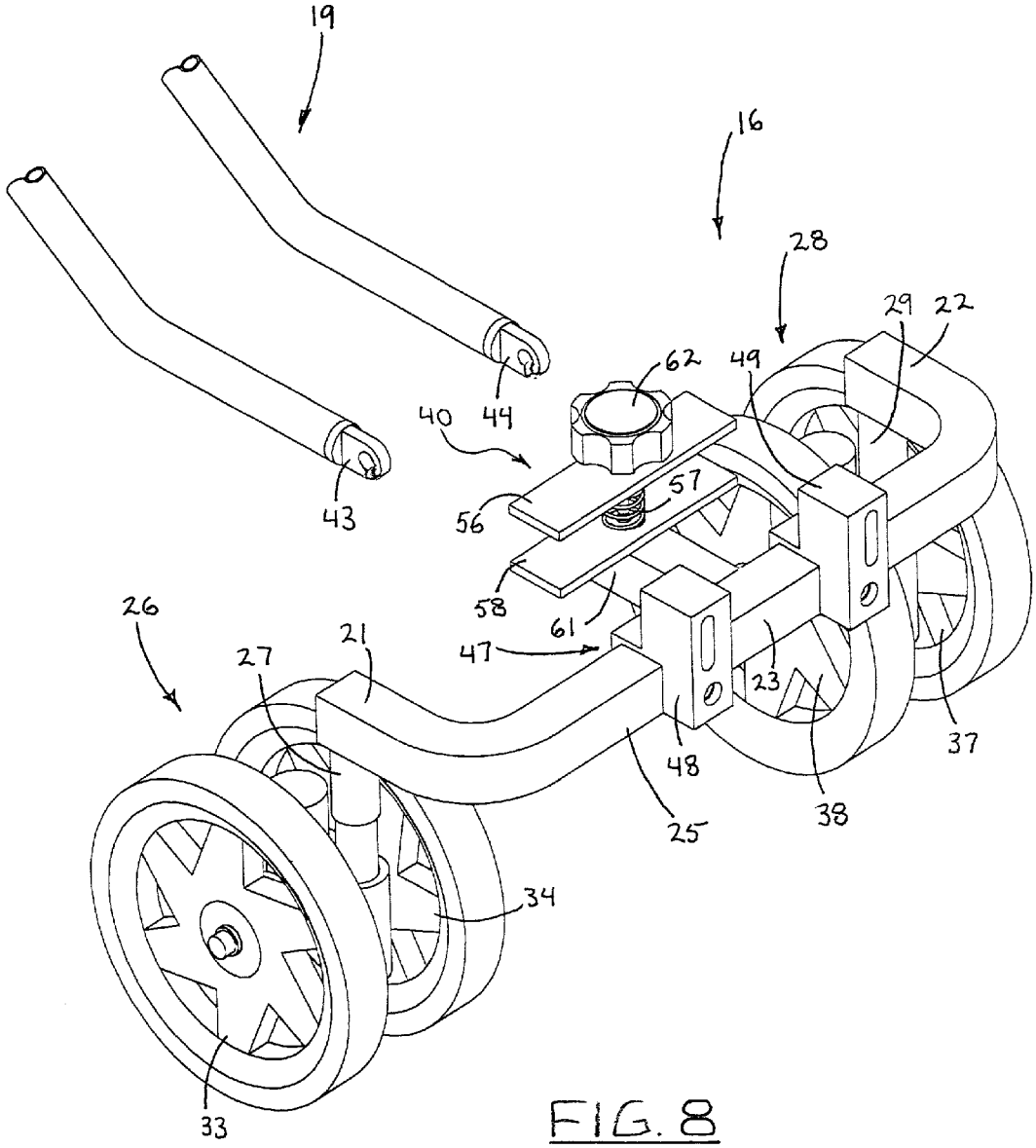

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FIG. 8

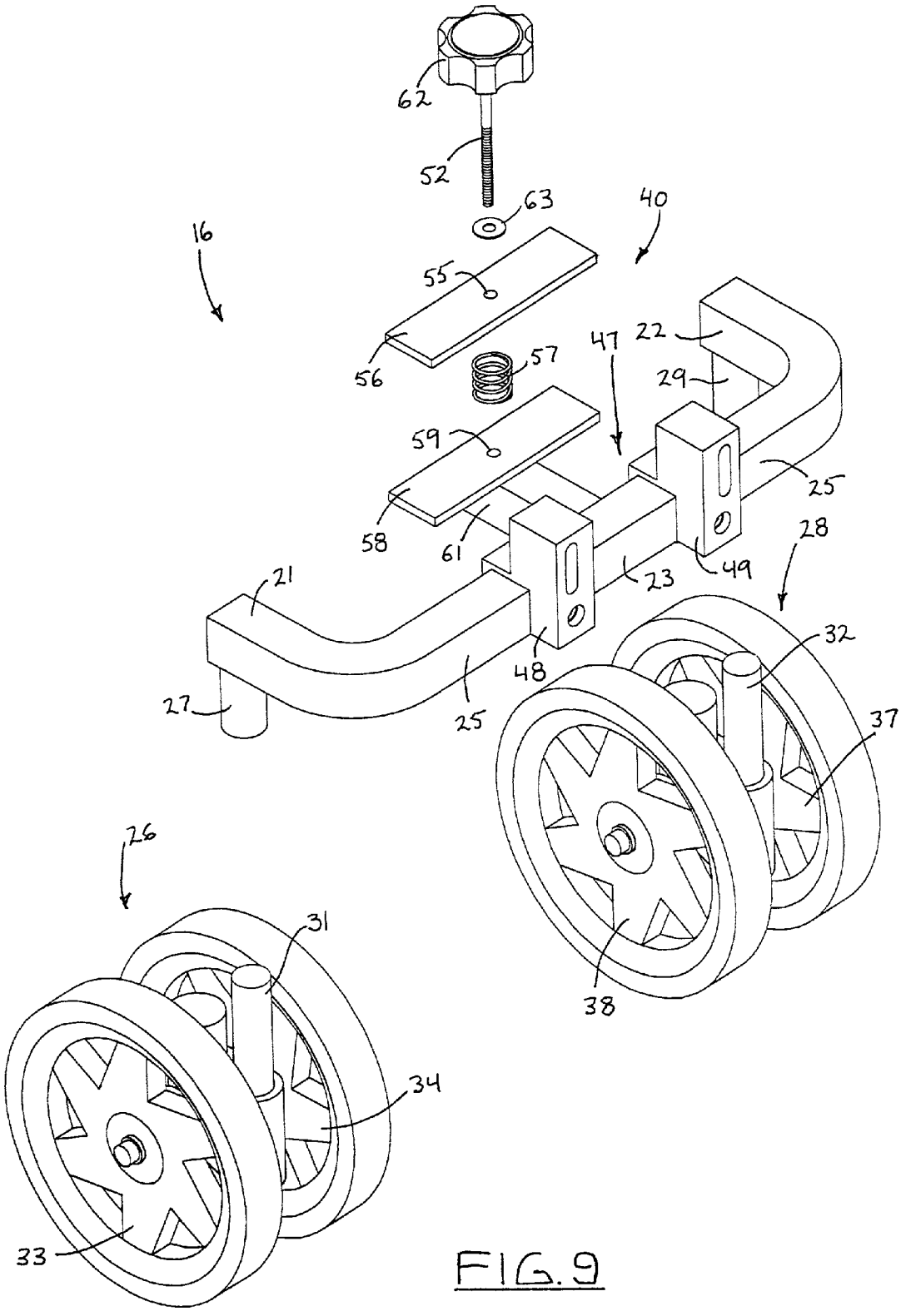

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FIG. 9

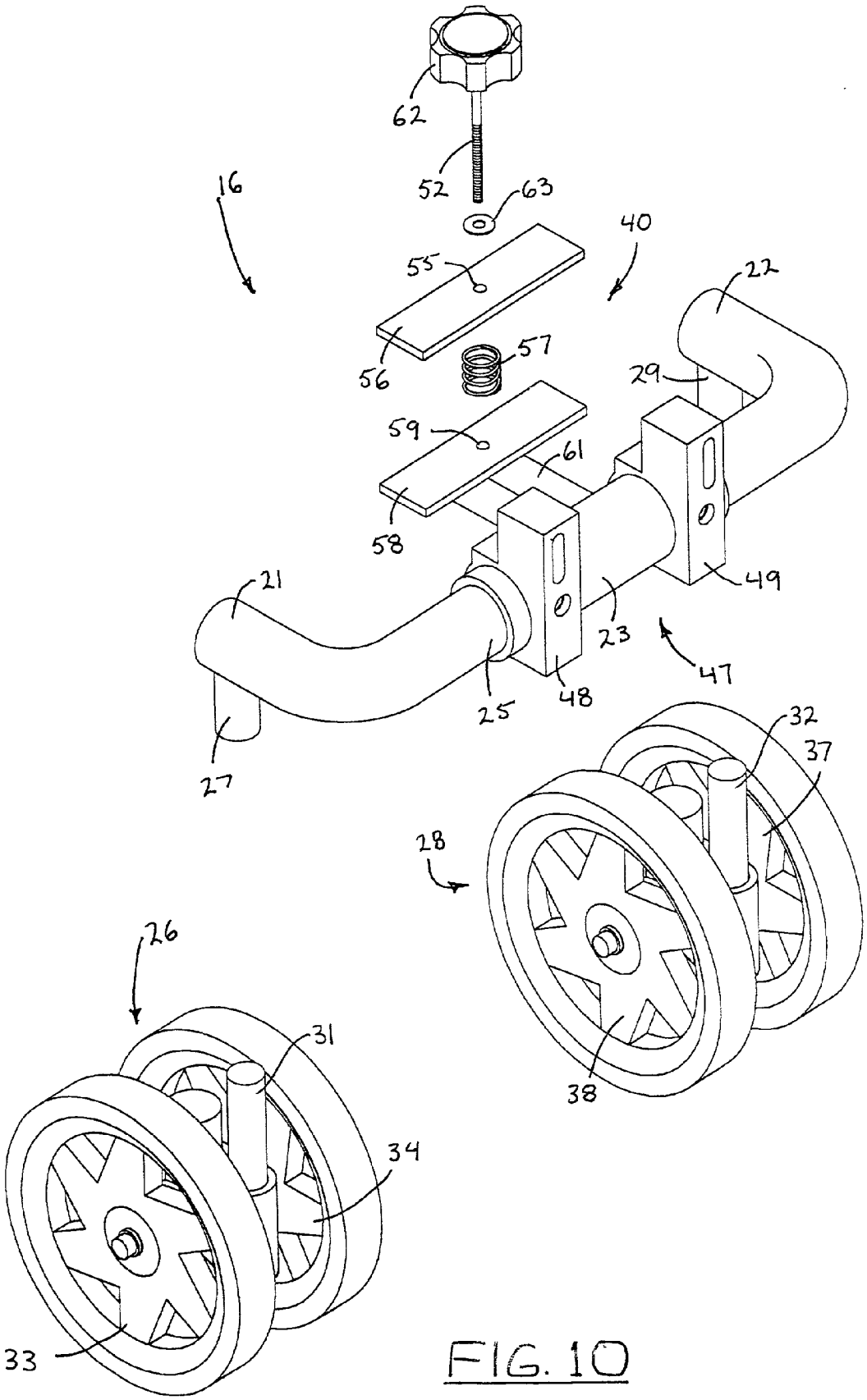

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FIG. 10

ADD-ON FRONT WHEEL CASTORS FOR JOGGING STROLLER

TECHNICAL FIELD

[0001] The invention provides a front wheel attachment for a three wheeled stroller, and more specifically a method and apparatus for an add-on set of wheel castors or casters, for a jogging stroller.

BACKGROUND OF THE INVENTION

[0002] Based upon a simple tricycle, the jogging stroller has become a "must have" for the convenient transportation of small children. The conventional jogging stroller is based upon a triangular or alternatively a "T" shaped frame. The frame has a front fork near the forward point of the frame. A single forward wheel attaches to the front fork, and a pair of rearward wheels attach to the rear of the frame.

[0003] The three wheels of the jogging stroller form a stable tripod. Therefore, three wheeled strollers have a significant advantage over their four wheeled, baby stroller and baby carriage predecessors in that a three wheeled configuration is better suited to steer, negotiate bumps and more comfortably carry a passenger. The term "jogging stroller" typically pertains to a subtle variation of a three wheeled push-stroller; suggesting that the person pushing the stroller can safely jog or run while pushing the stroller over varying terrain. The jogging type of three wheeled stroller may include oversized wheels and a hand brake, to better facilitate running and stopping with the stroller.

[0004] Many users of jogging strollers seek a stroller that can do more than a single function or be used for more than a single utility or purpose. A multifunctional stroller can provide the economy and convenience of a single stroller while performing various tasks or duties that typically would require additional strollers, each designed for a single, specific purpose.

[0005] Jogging type strollers are made for use on relatively straight and wide sidewalks, paths and streets. With their large diameter wheels, maneuvering the jogging stroller in close or confined areas can be difficult. The user must tip the stroller to lift the front wheel of the jogging stroller up and rearward. The user can then pivot the stroller about the rear pair of wheels, while keeping the front tire off the ground. In typically congested areas, such as stores, malls and office buildings, this tipping and pivoting is very awkward and cumbersome, and so results in a significant problem. Therefore, a jogging stroller is needed that solves the problem of limited "close-quarters" maneuvering.

SUMMARY OF INVENTION

[0006] The invention provides a method and apparatus for an add-on front castor set uniquely configured for attachment to a jogging stroller of conventional design. The conventional jogging stroller is typified as having a frame with a front wheel fork, which can be simply referred to as a front fork. A single forward wheel attaches to the front fork, and a pair of rearward wheels attach to the rear of the frame.

[0007] The add-on front castor set of the present invention includes a crossbar as a primary component. The crossbar has a first crossbar end, a second crossbar end and a mid-crossbar. The mid-crossbar is the portion of the crossbar between the first crossbar end and the second crossbar end. A first castor mounts proximate the first crossbar end and a second castor mounts proximate the second crossbar end.

[0008] The add-on front castor set also includes a fork clamp that mounts proximate the mid-crossbar. The fork clamp is attachable to a front wheel fork of the jogging stroller. The front wheel fork is conventionally configured to accept a hubbed axle of the single forward wheel. The single forward wheel is detachable, allowing the front wheel fork to receive the fork clamp of the add-on front castor set.

[0009] In a preferred alternative of the present invention, a fork end receiver is mounted proximate the mid-crossbar. The fork end receiver can receive the front fork of the jogging stroller. The front fork of the conventional jogging stroller includes a first fork end and a second fork end. In a preferred embodiment of the present invention, the fork end receiver of the add-on front castor set includes a first fork end receiver and a second fork end receiver. The first fork end is received into the first fork end receiver, and the second fork end is received into the second fork end receiver.

[0010] The first castor and the second castor are wheeled assemblies that each include a minimum of a single wheel. Preferably, the first castor includes a first swivel and the second castor includes a second swivel. The swivels allow the castors to respond instantly to directional changes in the motion of the jogging stroller.

[0011] The method of the present invention adds the front castor set to a three wheeled jogging stroller. First, the front wheel is removed from the front fork of the jogging stroller. The fork clamp of the front castor set is then attached to the front fork. Additionally, the method of the present invention can include attaching the fork clamp to the front fork by first inserting the front fork between a top clamp plate and a bottom clamp plate. Then a clamp screw is tightened by turning a clamp knob on the fork clamp. The clamp screw threads between the top clamp plate and the bottom clamp plate, and the clamp knob is mounted to an end of the clamp screw. By turning the clamp screw, the front fork is compressed between the top clamp plate and the bottom clamp plate to securely mount the fork clamp to the front fork.

[0012] To better seat the front fork into the add-on front castor set, the method of the present invention can include inserting the front fork of the jogging stroller into a fork end receiver. The front fork includes a first fork end and a second fork end, and the fork end receiver is positioned proximate the mid-crossbar of the front castor set The fork end receiver includes a first fork end receiver and a second fork end receiver. The first fork end is received into the first fork end receiver, and the second fork end is received into the second fork end receiver.

[0013] According to one aspect of the invention, the add-on castor set gives the user the ability to quickly and easily modify the jogging stroller for tight cornering in cramped areas without tilting the stroller back to pivot about the rear wheels for turning. Specifically, the stroller configuration of the present invention includes an add-on castor set that allows a jogging stroller to function much as a conventional "baby stroller," with swiveling castors for quick changes in the direction of forward or rearward travel.

[0014] According to another aspect of the present invention, the add-on castor set is also easily removed for quick conversion of the modified stroller to the conventional jogging stroller configuration.

[0015] The invention will be better understood by reference to the following detailed description taken in conjunction with the accompanying drawings.

BRIEF DESCRIPTION OF DRAWINGS

[0016] **FIG. 1** is a perspective drawing of an add-on front castor set for a jogging stroller, according to an embodiment of the present invention;

[0017] **FIG. 2** is a side view of an add-on front castor set for a jogging stroller, according to an embodiment of the present invention;

[0018] **FIG. 3** is a perspective drawing detailing an add-on front castor set, according to an embodiment of the present invention;

[0019] **FIG. 4** is a partially exploded perspective drawing detailing an add-on front castor set, according to an embodiment of the present invention;

[0020] **FIG. 5** is a partially exploded perspective drawing detailing an add-on front castor set, according to an embodiment of the present invention;

[0021] **FIG. 6** is a perspective drawing detailing a top clamp plate of an add-on front castor set, according to an embodiment of the present invention;

[0022] **FIG. 7** is a perspective drawing detailing an add-on front castor set, according to an embodiment of the present invention;

[0023] **FIG. 8** is a partially exploded perspective drawing detailing an add-on front castor set, according to an embodiment of the present invention;

[0024] **FIG. 9** is a partially exploded perspective drawing detailing an add-on front castor set, according to an embodiment of the present invention; and

[0025] **FIG. 10** is a partially exploded perspective drawing detailing an add-on front castor set, according to an embodiment of the present invention.

DETAILED DESCRIPTION OF SPECIFIC EMBODIMENTS

[0026] The present invention provides a method and apparatus for an add-on front castor set that is uniquely configured for attachment to a jogging stroller. **FIGS. 1 through 10** show an add-on front castor set **16**, also spelled "caster," for fitting to a conventional jogging stroller **15**, according to preferred embodiments of the present invention.

[0027] As is typical for jogging type strollers, the stroller utilized in the present invention includes a pair of rear wheels **17** mounted to a frame **18** in a parallel, coaxial relationship, as shown in **FIGS. 1 and 2**. The conventional jogging stroller is based upon a triangular or alternatively a "T" shaped frame. This conventional jogging stroller is additionally typified as having a front wheel fork **19**, at the forward end of the frame. A single forward wheel **20** conventionally attaches to the front fork, as shown in dotted outline in **FIG. 2**, and the pair of rear wheels attaches proximate the rear of the frame. These three wheels form a stable triangular arrangement. The frame is preferably formed to receive a passenger seat **24**. Alternatively, the passenger seat may be replaced by a bag, cargo container or an enclosure.

[0028] The add-on front castor set **16** of the present invention additionally includes a crossbar **25** as a primary component. The crossbar has a first crossbar end **21**, a second crossbar end **22** and a mid-crossbar **23**, as detailed in **FIGS. 4, 5, 7, 8** and **9**. The mid-crossbar is the portion of the crossbar between the first crossbar end and the second crossbar end. The crossbar is preferably a strong and lightweight metal, such as aluminum or steel, and preferably manufactured from a tubular material having a round or a square cross section. Most preferably, the crossbar is fabricated from a round aluminum tubing, such as a 6063, T832 aluminum tubing as manufactured by EASCO of Girard, Ohio, U.S.A., having an approximate wall thickness of 0.058 inches (1.5 mm).

[0029] As detailed in **FIGS. 3, 4, 5, 9**, and **10**, a first castor **26** mounts proximate the first crossbar end **21** at a first castor mount **27**. A second castor **28** mounts proximate the second crossbar end **22** at a second castor mount **29**. Preferably, the first castor mount receives a first swivel **31** for the first castor and the second castor mount receives a second swivel **32** for the second castor mount. The first castor rotates about the first swivel and the second castor rotates about the second swivel. The first and second swivels allow the castors to respond instantly to directional changes in the motion of the jogging stroller.

[0030] For the present invention, the first castor **26** and the second castor **28** are wheeled assemblies that each include a minimum of a single wheel. However, a wide variety of swiveling castors are currently known and are employed in devices as exemplified by office chairs, dollies and shopping carts. Although the first castor and the second castor can take a variety of forms, a preferred castor for the present invention includes a two wheeled castor, as detailed in **FIGS. 3, 4, 5, 7, 8, 9** and **10**. The preferred first castor includes a first castor first wheel **33** and a first castor second wheel **34**. The second castor has a second castor first wheel **37** and a second castor second wheel **38**. The operation of the castors is conventional in that the first castors and second castors can quickly pivot on their respective swivels, allowing the castor wheels to instantaneously respond to changes in direction of the crossbar **25**. Preferably, the wheels of the first castor and the second castor can rotate in any direction of travel, as desired by the person pushing or pulling the jogging stroller **15**.

[0031] The add-on front castor set **16** of the present invention includes a fork clamp **40** that mounts proximate the mid-crossbar **23**. The fork clamp receives and attaches to the front wheel fork **19** of the jogging stroller **15**. The front wheel fork is conventionally configured to normally accept a hubbed axle of the single forward wheel **20**, or front wheel. When the single forward wheel is detached from the stroller, the front wheel fork is receivable into the fork clamp of the add-on front castor set.

[0032] The common, "quick-release" type of hub system can be employed in combination with the present invention. The quick-release hub allows the user to remove the single forward wheel **20** easily, or interchangeably reattach the

single forward wheel after the add-on front castor set **16** is no longer desired or needed. The front wheel fork **19** includes a first fork end **43** and a second fork end **44**. As shown in **FIG. 4, 5**, and **8**, the first and second fork ends can be conventional "drop-out" types of fork ends. Drop-outs have an open configuration for use with the quick-release hubs, allowing the easy release of the front wheel, without disassembling the hub and axle components.

[**0033**] In a preferred embodiment of the present invention, as shown in **FIG. 6, a** fork end receiver **47** is mounted proximate the mid-crossbar **23** of the add-on castor set **16**. The fork end receiver, is preferably included in a top clamp plate **56**. The fork end receiver accepts the front wheel fork **19** of the jogging stroller **15**. In this preferred embodiment of the present invention the first fork end **43** and the second fork end **44** are both received into the fork end receiver. The fork end receiver includes a first fork end receiver **48** and a second fork end receiver **49**. The first fork end is received into the first fork end receiver, and the second fork end is received into the second fork end receiver.

[**0034**] The fork clamp **40** attaches to the front wheel fork **19** by the tightening of a clamp screw **52**. Preferably, the clamp screw passes through a top clamp screw hole **55** in the top clamp plate **56**, a clamp spring **57** and then through a bottom clamp plate **58**. The bottom clamp plate is preferably formed from a metal material, such as a medium carbon steel as preferred, or a substantially equivalent metal alloy that exhibits a high tensile strength, and resists bending and deforming. Additionally, the bottom clamp plate can be coated with a plastic polymer or a rubber material to help prevent scratching of the front wheel fork **19**.

[**0035**] As detailed in **FIGS. 4 and 5**, the clamp screw **56** inserts into the top clamp screw hole **55** in the top clamp plate **56**, and then is received through a bottom screw clamp hole **59** in the bottom clamp plate **58** and finally threaded into a screw clamp bolt **60**, which is preferably affixed to the underside of the bottom clamp plate, by a tack weld, braze or solder.

[**0036**] In a preferred embodiment, the clamp screw is headed by a clamp knob **62**. Like the top clamp plate, the clamp knob can be milled from a plastic resin material. As shown in **FIGS. 4 and 5**, the clamp knob is most preferably separated from the top clamp plate by a clamp screw washer **63**. The manual turning of the clamp knob tightens the clamp screw to bring together the top clamp plate and the bottom clamp plate about the received front wheel fork **19**.

[**0037**] The top clamp plate **56** and bottom clamp plate **58** are preferably manufactured from plates of a high impact plastic. Injection moldable, cast or alternatively machined plastics that are considered appropriate for manufacturing the top clamp plate include ABS (acrylanitrile butadiene styrene), nylon, PC (polycarbonate) PPO (modified polyphenylene oxide). Many of these materials can be fortified with glass or carbon fibers, or mixed to form alloys having improved properties. Like the top clamp plate, the clamp knob **62** could be milled from a plastic resin material. As an alternative to plastic materials the top clamp plate and the clamp knob could be milled from a small block of metal, preferably a lightweight aluminum, titanium or similar appropriate alloy.

[**0038**] The bottom clamp plate **58** preferably includes a mid-crossbar bottom bracket **66** that extends upward from the leading or forward edge of the bottom clamp plate to abut the crossbar **25** proximate the mid-cross bar **23**, as shown in **FIGS. 4 and 5**. The bottom clamp plate preferably attaches to the mid-crossbar with a tack weld or braze. Alternatively, the bottom clamp plate could be attached to the crossbar with a screw, bolt or rivet. Similarly, the top clamp plate **56**, as detailed in **FIG. 6**, preferably includes a mid-crossbar top bracket **67** that extends downward from the front or leading edge of the top clamp plate. The mid-crossbar top bracket abuts against the mid-crossbar bottom bracket, assembled as shown **FIGS. 3, 4** and **5**.

[**0039**] As shown in **FIGS. 1 through 5**, with the first fork end **43** and the second fork end **44** snugly received into the respective first fork end receiver **48** and second fork end receiver **49** within the top clamp plate **56**, the tightened down fork clamp **40** prevents movement of the front wheel fork **19**, relative to the add-on castor set **16**. By loosening the clamp screw **52**, the clamp spring **57** expands to assist in the separation of the top clamp plate away form the bottom clamp plate **58**, and so achieves the release of the front wheel fork. After the fork clamp is loosened, the front fork is easily removed from the fork end receiver **47** and the single forward wheel **20** can then be replaced onto the front wheel fork.

[**0040**] In an alternative embodiment of the present invention, as shown in **FIGS. 7 through 10**, instead of including the fork end receiver **47** in the top clamp plate **56**, the fork end receiver can be mounted proximate the mid-crossbar **23** of the add-on castor set **16**. The fork end receiver accepts the front wheel fork **19** of the jogging stroller **15**. In this alternative embodiment, the first fork end **43** and the second fork end **44** are both received into the fork end receiver. The fork end receiver of the add-on front castor set can include the first fork end receiver **48** and the second fork end receiver **49**. The first fork end is received into the first fork end receiver, and the second fork end is received into the second fork end receiver. Also, alternatively, the fork end receiver could be incorporated into the bottom clamp plate **58**.

[**0041**] The fork clamp **40** attaches to the front wheel fork **19** by the tightening of the clamp screw **52**. As detailed in **FIG. 9**, the clamp screw can pass through the top clamp plate **56**, a clamp spring **57** and then through a bottom clamp plate **58**. For this alternative embodiment, the top and bottom clamp plates are preferably manufactured from plates of a metallic material, such as a medium carbon steel that exhibits a high tensile strength, to resist bending and deforming. Additionally, similar to the preferred embodiment, the top and bottom clamp plates can be coated with a plastic polymer or a rubber material to prevent scratching of the front wheel fork. For this alternative embodiment, the clamp screw is then threaded into a clamp mount **61**, which is an extension of the mid-crossbar **23**. The clamp screw is headed by the clamp knob **62**. The manual turning of the clamp knob to tighten the clamp screw brings together the top clamp plate and the bottom clamp plate about the received front wheel fork.

[**0042**] With the first fork end **43** and the second fork end **44** snugly received into the respective first fork end receiver **48** and second fork end receiver **49**, the tightened down fork clamp **40** prevents movement of the front wheel fork **19**, relative to the add-on castor set **16**. By loosening the clamp

screw **52**, the clamp spring **57** expands to assist in the separation of the top clamp plate **56** away form the bottom clamp plate **58**, and so achieves the release of the front wheel fork. After the fork clamp is loosened, the front fork is easily removed from the fork end receiver **47** and the single forward wheel **20** can then be replaced back onto the front wheel fork.

[**0043**] Similar to the clamp knob, the fork end receiver **47** is preferably milled from a plastic resin material for this alternative embodiment. These components could also be injection molded or cast from a thermoplastic material. Most preferably, as with the preferred alternative, these components are injection molded from a thermosetting plastic as discussed above. Also alternatively, these components could be formed from block of metal, preferably a lightweight aluminum, titanium or similar appropriate alloy.

[**0044**] The method of the present invention installs the add-on front castor set **16** to a three wheeled jogging stroller **15**. The method first includes removing the single forward wheel **20**, or front wheel, from the front wheel fork **19** of the jogging stroller. As discussed above, the removal of the front wheel is typically an easy operation, considering that most jogging strollers are equipped with quick-release hubs. The conventional purpose for the inclusion of quick-release hubs is they provide for an easy and quick removal of the front wheel, which is desirable for stowing or storing the jogging stroller. However, the wide use of quick-release hubs also aids the ease of replacement of the single forward wheel, with the add-on castor set.

[**0045**] Next, the fork clamp **40** of the add-on castor set **16** is attached to the front wheel fork **19**. As also discussed above, the fork clamp mounts on the crossbar **25**. This step can also include the insertion of the front fork between the top clamp plate **56** and the bottom clamp plate **58**. The clamp screw **52** is then tightened by turning the clamp knob **62**. The clamp knob is mounted to clamp screw, preferably at the top end of the clamp screw, and the clamp screw threads between the top clamp plate and the bottom clamp plate. The tightening of the clamp screw compresses the front wheel fork between the top clamp plate and the bottom clamp plate, securely mounting the fork clamp to the front wheel fork.

[**0046**] In an alternative method of the present invention, the step of mounting the fork clamp **40** on the crossbar **25** can also include the additional steps of inserting the front wheel fork **19** of the jogging stroller **15** into the fork end receiver **47**, which is near the mid-crossbar **23** of the add-on front castor set **16**.

[**0047**] In an additional alternative method of the present invention, the step of inserting the front wheel fork **19** of the jogging stroller **15** into the fork end receiver **47** can additionally include the step of inserting the first fork end **43** and the second fork end **44** into the first fork end receiver and the second fork end receiver, respectively. The first fork end receiver and the second fork end receiver together comprise the fork end receiver.

[**0048**] Substantially the reverse of the above method steps are preformed to remove the add-on castor set **16** from the front wheel fork **19** of the jogging stroller **15**. The clamp knob **62** is manually reversed, rotating it in a reverse direction, to untighten the clamp screw **52** and separate the top clamp plate **56** from the bottom clamp plate **58**. This action releases the front wheel fork clasped between the top clamp plate and the bottom clamp plate. The clamp spring **57** aids in this release in that as soon as the clamp spring is loosened, and the clamp plates are encouraged to separate due to the tension of the clamp spring After the top and bottom clamp plates are separated to a sufficient distance, the front wheel fork is removed. If the front wheel fork is also inserted into the fork end receiver **47**, as preferred, the front wheel fork is now removed from the fork end receiver to totally separate the front wheel fork from the add-on castor set **16**.

[**0049**] In compliance with the statutes, the invention has been described in language more or less specific as to structural features process steps. While this invention is susceptible to embodiment in different forms, the specification illustrates preferred embodiments of the invention with the understanding that the present disclosure is to be considered an exemplification of the principles of the invention, and the disclosure is not intended to limit the invention to the particular embodiments described. Those with ordinary skill in the art will appreciate that other embodiments and variations of the invention are possible, which employ the same inventive concepts as described above. Therefore, the invention is not to be limited, except by the following claims, as appropriately interpreted in accordance with the doctrine of equivalents.

What is claimed is:

1. An add-on front castor set for a jogging stroller, the front castor set comprising:

a crossbar having a first crossbar end, a second crossbar end and a mid-crossbar;

a first castor mounted proximate the first crossbar end;

a second castor mounted proximate the second crossbar end; and

a fork clamp mounted proximate the mid-crossbar,

the fork clamp attachable to a front wheel fork of the jogging stroller.

2. The add-on front castor set of claim 1, wherein said front wheel fork is conventionally configured to accept a hubbed axle of a single forward wheel, and said jogging stroller is a three wheeled stroller having a single forward wheel and a pair of rearward wheels, said single forward wheel detachable from the front wheel fork;

the front wheel fork having a first fork end and a second fork end; and

said fork clamp attaches to the front wheel fork proximate the first fork end and the second fork end.

3. The add-on front castor set of claim 1, additionally including a fork end receiver mounted proximate mid-crossbar for receiving the wheel front fork of the jogging stroller.

4. The add-on front castor set of claim 3, wherein:

the front wheel fork of said jogging stroller includes a first fork end and a second fork end; the fork end receiver of said add-on front castor set includes a fist fork end receiver and a second fork end receiver; and

the first fork end receivable into the first fork end receiver, and the second fork end receivable into the second fork end receiver.

5. The add-on front castor set of claim 4, wherein:

the fork end receiver has a top clamp plate, and the top clamp plate includes said first fork end receiver and said second fork end receiver.

6. A method for adding a front castor set to a three wheeled jogging stroller, the three wheeled jogging stroller having a front wheel and a pair of rear wheels, the method comprising the steps of:

a) removing the front wheel from a front wheel fork of said jogging stroller; and

b) attaching a fork clamp of said front castor set to the front wheel fork, the fork clamp mounted on a crossbar, the crossbar having a first crossbar end, a second crossbar end and a mid-crossbar, a first castor mounted proximate the first crossbar end, a second castor mounted proximate the second crossbar end, and the fork clamp mounted proximate the mid-crossbar.

7. The method of claim 6, wherein the step of attaching the fork clamp to the front wheel fork additionally includes the steps of:

c) inserting the front wheel fork between a top clamp plate a bottom clamp plate;

d) tightening a clamp screw by turning a clamp knob, the clamp screw threaded between the top clamp plate and the bottom clamp plate, and the clamp knob mounted to an end of the clamp screw, and

e) compressing the front wheel fork between the top clamp plate and the bottom clamp plate to securely mount the fork clamp to the front wheel fork.

8. The method of claim 6, additionally including the step of:

c) inserting the front wheel fork of the jogging stroller into a fork end receiver.

9. The method of claim 6, additionally including the step of:

c) inserting the front wheel fork of said jogging stroller into a fork end receiver, the front wheel fork having a first fork end and a second fork end, the fork receiver positioned proximate the mid-crossbar of said front castor set, and the fork end receiver of said add-on front castor set including a first fork end receiver and a second fork end receiver; and the first fork end receivable into the first fork end receiver, and the second fork end receivable into the second fork end receiver.

10. An improvement for a conventional jogging stroller, the conventional jogging stroller including a frame having a front fork, a single detachable forward wheel attached to the front fork, and a pair of rearward wheels attached to the frame, wherein said improvement comprises:

an add-on front castor set, the add-on front castor set including a crossbar having a first crossbar end, a second crossbar end and a mid-crossbar;

a first castor mounted proximate the first crossbar end,

a second castor mounted proximate the second crossbar end; and

a fork clamp mounted proximate the mid-crossbar, the fork clamp attachable to the front fork of the jogging stroller.

11. The improvement for a conventional jogging stroller of claim 10 additionally including:

a fork end receiver mounted proximate the mid-crossbar for receiving the front fork of the jogging stroller.

12. The improvement for the conventional jogging stroller of claim 10, wherein the front fork of said conventional jogging stroller additionally includes a first fork end and a second fork end, and the improvement additionally includes;

a first fork end receiver mounted proximate the mid-crossbar of said add-on front castor, and a second fork end receiver mounted proximate the mid-crossbar of said add-on front castor, the first fork end receivable into the first fork end receiver, and the second fork end receivable into the second fork end receiver.

13. The improvement for a conventional jogging stroller of claim 11 wherein the fork end receiver additionally includes:

a top clamp plate, and the top clamp plate includes said first fork end receiver and said second fork end receiver.

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