

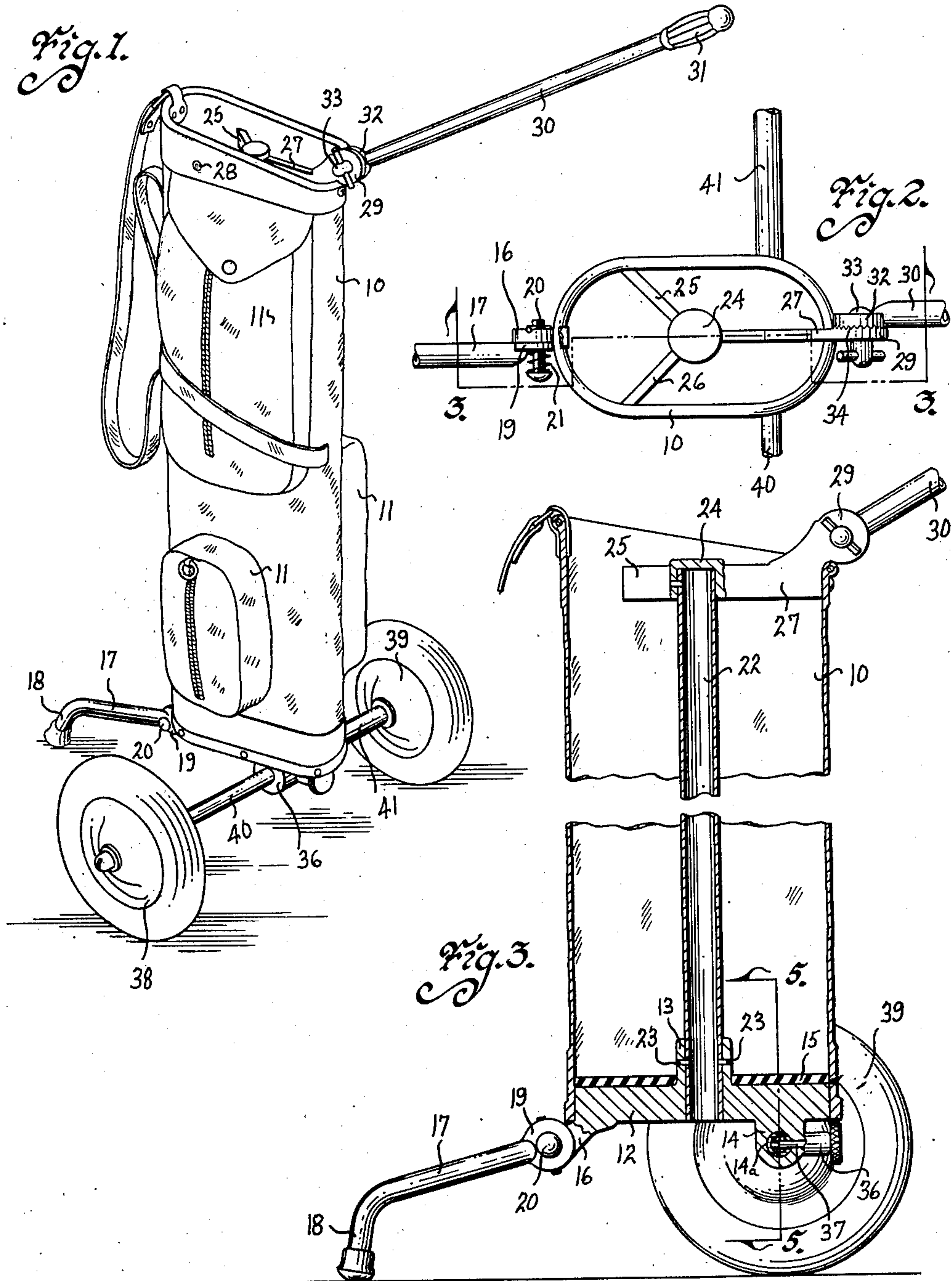
Feb. 24, 1953

H. R. WILSON  
WHEELED GOLF BAG

2,629,609

Filed Aug. 6, 1951

2 SHEETS—SHEET 1



Witness  
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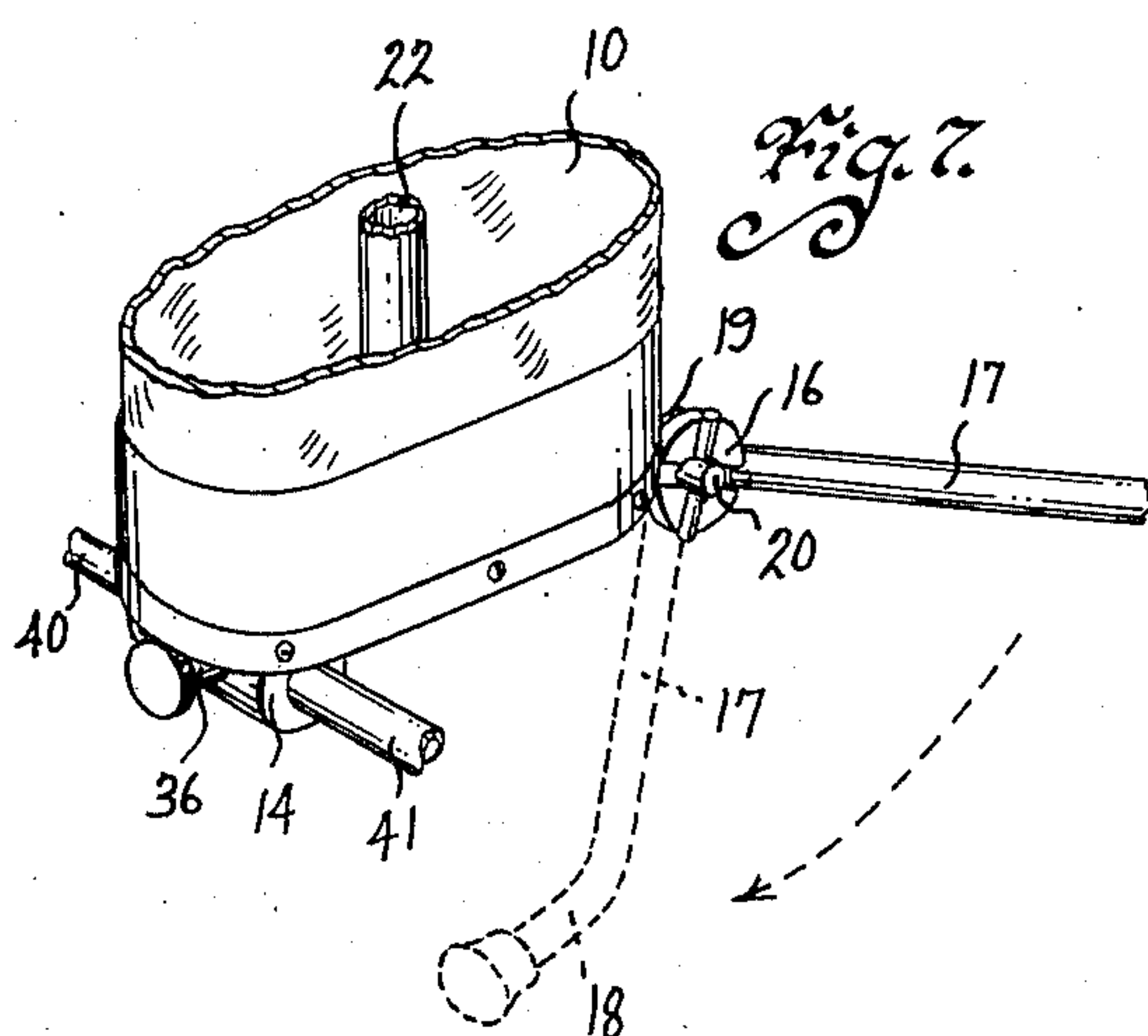
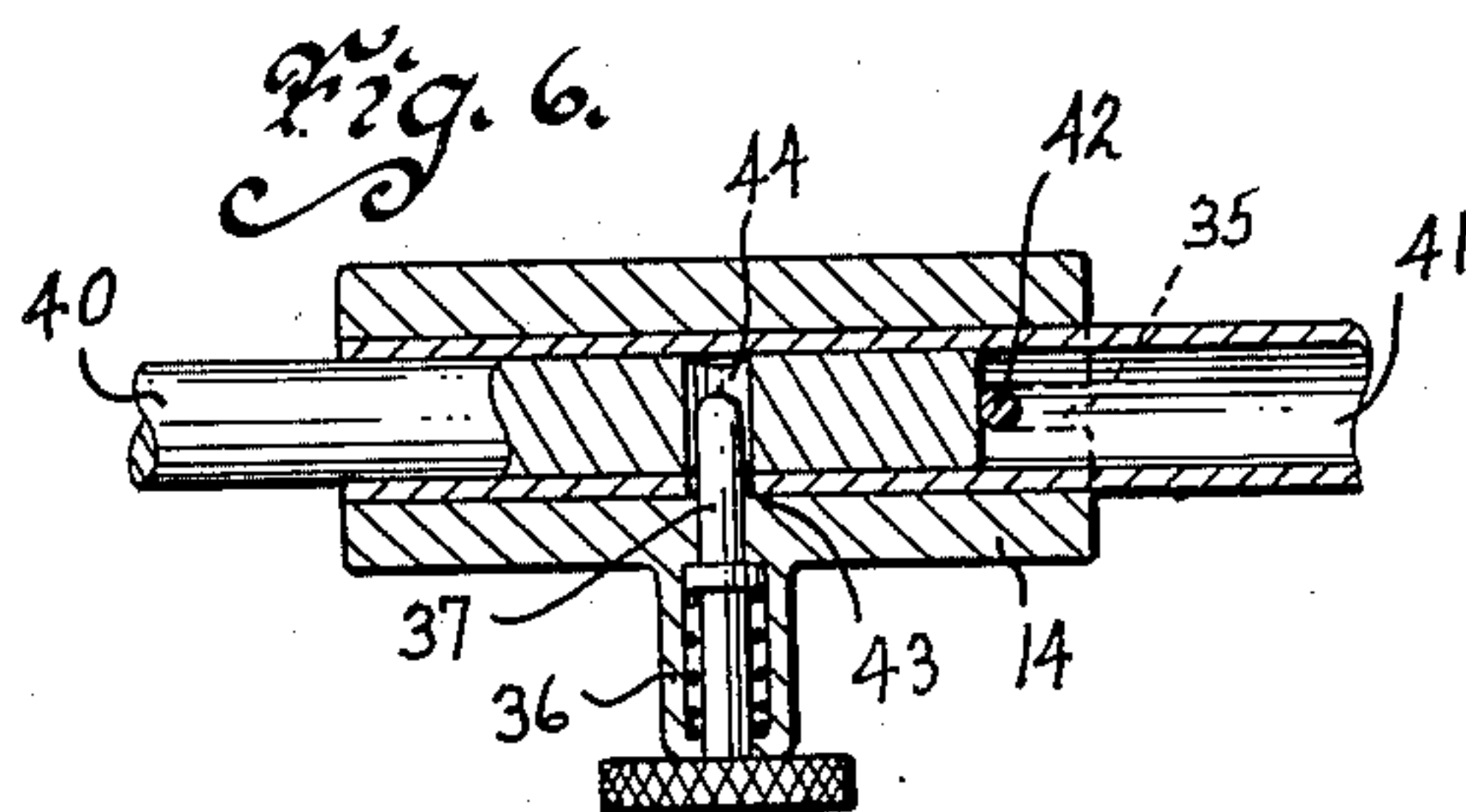
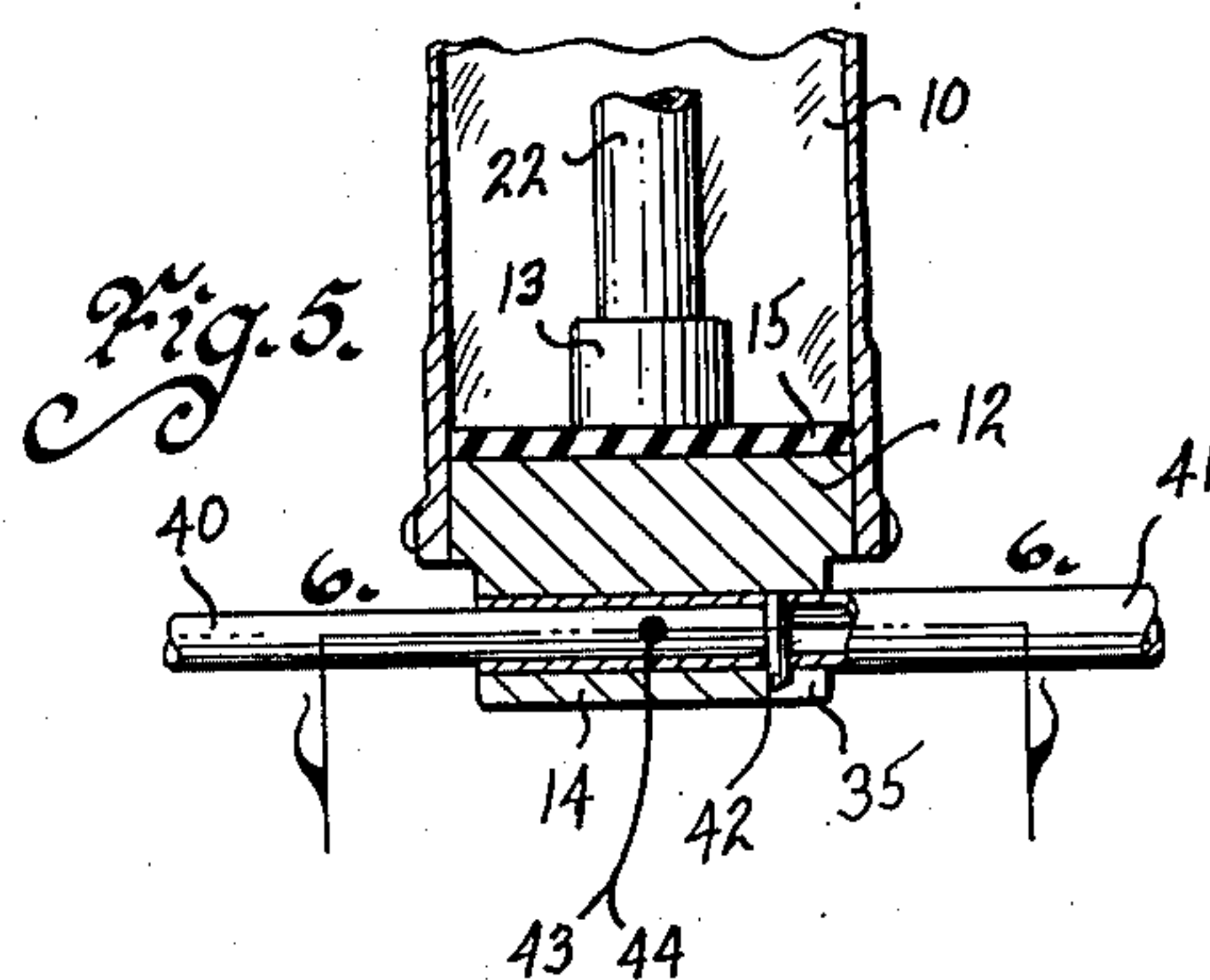
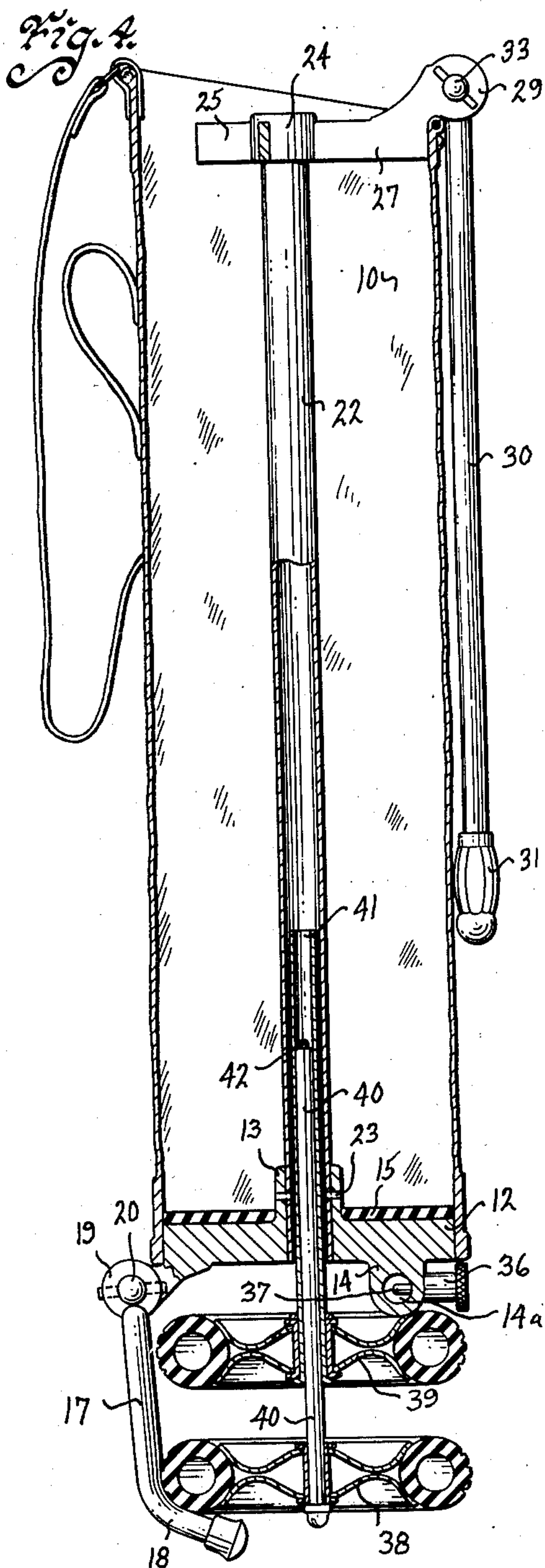
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2 SHEETS—SHEET 2



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## UNITED STATES PATENT OFFICE

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## WHEELED GOLF BAG

Harry R. Wilson, Waterloo, Iowa

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6 Claims. (Cl. 280—36)

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My invention relates to bags in which to store and carry golf clubs, and more particularly to a combination golf bag and dolly therefor.

There is available for the golfer today several types of dollies or carts which are designed for carrying a golf bag and clubs about a golf course. The purpose of these dollies, obviously, is to lessen the task of carrying the golf bag either in the hand or over the shoulder.

These dollies can be purchased as an additional golf paraphernalia or can be rented when desired. In any event, they are a separate and distinct piece of equipment and will of course take up additional space when being stored or transported with the golf bag and clubs to and from a golf course.

It is therefor the principal object of my invention to provide a golf bag that can be used and carried as such or quickly and easily converted into a combination golf bag and dolly so it can be rolled about a golf course or the like.

More specifically I provide my new golf bag with a frame having supports for two wheels, means for carrying the wheels in a collapsed position, a collapsible dolly handle and an adjustable kick stand that not only steadies the dolly in its operable position but also locks the wheels in their collapsible position.

A further object of my invention is to provide a golf bag of the above class in which its conversion as described can be accomplished without the need for any tools, and when used as a standard golf bag, the wheels can be removed to eliminate their weight.

Still further objects of this invention are to provide a combination golf bag and dolly that is light in weight, economical in manufacture, and efficient in use.

A still further object of this invention is to provide a golf bag having the characteristics above described wherein the dolly frame divides the top of the golf bag into compartments in which the different golf clubs such as woods and irons can be separated from each other.

Still another object of my invention is to provide a combination golf bag and dolly therefore that when in its collapsed position occupies substantially the same space for storage or transporting as an ordinary golf bag.

These and other objects will be apparent to those skilled in the art.

My invention consists in the construction, arrangement, and combination of the various parts of the device, whereby the objects contemplated are attained as hereinafter more fully set forth,

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pointed out in my claims, and illustrated in the accompanying drawings, in which:

Fig. 1 is a perspective view of my invention assembled into position as a golf bag and dolly and ready for use,

Fig. 2 is an enlarged top view of the device in Fig. 1 but not showing the wheels or extremities of the handle and kick stand,

Fig. 3 is a vertical sectional view taken on the line 3—3 of Fig. 2,

Fig. 4 is an enlarged vertical section view of this device in collapsed position,

Fig. 5 is a cross-sectional view of this device taken on the line 5—5 of Fig. 3,

Fig. 6 is a cross-sectional view taken on the line 6—6 of Fig. 5 and

Fig. 7 is a fragmentary perspective view showing the bottom portion of the golf bag.

Referring to the drawings I have used the numeral 10 to designate a golf bag having the usual plurality of pocket compartments 11. The outward appearance of my bag 10 is the same as any ordinary golf bag and it is immaterial whether the top opening is elliptical as shown, round or any other shape. Also, the material of which the bag itself is made is not concerned with my invention. The bottom of the bag 10 consists of a base or plate member 12 that is provided with a central opening. On the inside of the bag the bearing shoulder 13 is formed integral with the plate 12 and on the outside or bottom thereof and formed integral therewith is the depending axle housing 14 through which extends the horizontal bore 14a. On top of the plate 12 I place a resilient material 15 such as rubber or the like as a protection to the golf club handles that will rest thereon. Extending downwardly and outwardly from the bottom edge of the plate 12 and integral therewith is the apertured ear 16. A kick stand 17 formed from rod or tubular material or the like has a bent portion 18 on one end and an apertured ear 19 on the other as shown in Fig. 3. The ear 19 is frictionally yieldably secured to the ear 16 so that it is vertically swingable as shown in Fig. 7. For this purpose I use the bolt and nut 20 with spring 21 as shown in Fig. 2 although other means may be suitably employed. It is pointed out that the depending portion 14 of the plate 12 and the ear 16 are spaced apart and on opposite sides of the opening in the plate. This is to provide proper balance for my bag as will be later explained.

A tubular member 22 is vertically centrally mounted within the bag 10 with its bottom por-



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tion journaled in the shoulder 13 and plate 12 and secured therein by the pins 23. On top of the tubular member 22 is mounted a spider which I preferably construct with the hub or cap 24 that embraces the top of the tubular member 22 and the three legs 25, 26 and 27 as shown in Fig. 2. The free ends of each leg extend to and are secured to points at the top of the bag 10 by any suitable means such as the screws 28. Thus arranged it is observed that the bag being secured to the plate 12 at the bottom and the legs 25, 27 at the top is adequately supported in upright position because of the tubular member 22 and as a result the usual stays or other similar supports used in golf bags are not necessary in its construction.

Extending upwardly and outwardly from the outer end of the leg 27 is the integrally formed apertured ear 29 as shown in Fig. 3. This ear extends in the opposite direction in relation to the bag as the ear 16 on the plate 12. The numeral 30 designates an elongated rod or tubular rigid handle member that has a hand grip 31 of rubber or the like on one end and the apertured ear 32 on the other end. The ear 32 is movably secured to the ear 29 by the lock nut 33 and the engaging surfaces of the ears 29 and 32 are serrated as at 34 whereby they can be more securely locked in any desired position.

The structure thus far described less the kick stand 17 and handle member 30 provides a golf bag that can be carried and used as any ordinary golf bag. With the plate, spider and tubular support member made from lightweight metal or the like the weight of the bag thus far described is not substantially different than other regular golf bags of like design. It is to be observed, however, that the legs 25-27 provide as an integral part of this bag a means for dividing this bag into compartments. Such a division is usually desired by golfers so they can separate their various clubs such as woods and irons. In some regular golf bags strap dividers are used across the top of the bag. In others, a plurality of elongated narrow pockets are provided to house individual clubs, and in all these various types the dividers serve only to divide and have no relation to the supporting frame structure as is provided in my bag.

In Figs. 3-6 I show the arrangements for dolly wheels as used with my device and I will now describe their construction and use.

A notch 35 is provided in one end of the depending portion 14 as shown in Fig. 6 and extends from the bore 14a downwardly therefrom. A spring loaded rod locking means 36 is arranged on the outer side of the depending portion 14 so that normally the rod member 37 extends into the bore 14a transversely its length as shown in Figs. 3 and 6. Wheels 38 and 39 are each provided respectively with the axles 40 and 41. These wheels may be of any suitable type and preferably I show rubber tired disc wheels as illustrated in Fig. 4. The axle 41 is tubular and has a diameter large enough so that the axle 40 will telescope therein. The axle 40 is preferably of tubular material for lightness but may be a rod or the like.

A stop pin 42 is arranged in the axle 41 and protrudes from one side thereof as shown in Fig. 5. One of its purposes is to limit the distance the axle 40 can be inserted into the bore 14a. This is accomplished by inserting this axle into the bore from the end having the notch 35. The pin 42 is located to engage the notch at a

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point where the free end of the axle 41 is flush with the opposite end of the bore 14a from which it entered. An opening 43 in the axle 41 arranged transversely of the pin 42 is positioned so that when this axle is in place in the bore 14a with the pin 42 in the notch 35, it will register with the rod 37.

The axle 40 is telescoped into the open end of the axle 41 and the pin 42 serves as a stop means to limit its movement therein as shown in Fig. 6. An opening 44 transversely arranged in the axle 40 is positioned to register with the rod 37 and opening 43.

In operation this combination golf bag and dolly is used as follows: With the kick stand, handle member and wheels removed, it can be carried as any ordinary bag. For its combined use as a bag and dolly reference is made to Fig. 4 which shows the bag in position for storage or for transportation to and from the golf course. For this purpose the axle 40 is inserted into the tubular member 22 from the bottom until a portion of the wheel 39 engages the portion 14. The axle 40 is then telescoped into the axle 41 as far as it will go which is limited by the pin 42. The kick stand is then moved downwardly until the bent portion 18 engages the side and bottom of the tire or wheel 38 and will thus hold the wheels as shown in Fig. 4. The handle 30 can be dropped adjacent the bag 10 or removed and placed therein. Thus compactly arranged the bag will take up very little more space than an ordinary golf bag and yet be equipped for conversion into the dolly and bag combination as follows. The kick stand is moved to position shown in Fig. 3. This allows removal of the wheels and axles and places the kick stand in position to act as a leg for supporting the bag in upright position when the wheels are in operable position.

The axle 41 is first inserted into the bore 14a as described above and in doing this the spring loaded locking rod 37 is manually held out of the bore. Once the axle 41 is in place the rod 37 will enter the opening 43 and lock the axle 41 in place. The axle 40 is then telescoped into the open end of the axle 41 while the rod 37 is held in pulled out position and once this axle is in place and rod 37 released, both axles are locked in operable position. The pin 42 also which served as a stop means for the axle 41 will serve the same function for the axle 40 to automatically position the openings 43 and 44 for registering with the rod 37. It is noted that it may be necessary to rotate axle 40 if the opening 44 does not fall into exact alignment with the opening 43 and rod 37 on its insertion into axle 41. Handle member 30 can be elevated to any suitable position as shown in Fig. 1 and this new bag is ready for use.

Some changes may be made in the construction and arrangement of my golf bag without departing from the real spirit and purpose of my invention, and it is my intention to cover by my claims, any modified forms of structure or use of mechanical equivalents which may be reasonably included within their scope.

I claim:

1. In a combination golf bag and dolly therefore, a frame consisting of a bottom plate, a vertical tubular supporting member mounted in said plate, a spider secured to the top of said vertical tubular supporting member, a bag for golf clubs arranged on said frame and secured at the bottom to said plate and at the top to the outer end



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of said spider legs, a first tubular axle, a first wheel rotatably mounted on one end of said tubular first axle, a second tubular axle, a second wheel mounted on one end of said second axle, a pin in said first axle extending transversely of its length and protruding from one side thereof, said pin being intermediate said first wheel and the free end of said first axle, an opening into said first axle intermediate said pin and the free end of said first axle, an opening in said second axle and extending transversely said second axle, an axle housing with a horizontal bore there-through depending from said plate, a notch on one end of said axle housing, said first axle slidable within said axle housing from said notched end, said pin engaging said notch to limit the penetration of said first axle in said axle housing, said second axle slidable within said first axle from the free end thereof, said pin limiting the depth of penetration of said second axle into said first axle, said pin further serving as a means for aligning the openings in said axles so they register, and locking means on said plate adapted to register with the openings in said axles.

2. A golf bag as defined in claim 1 wherein said spider serves to divide the upper portion of said bag into a plurality of sections by which golf clubs of different types can be kept segregated.

3. A golf bag as defined in claim 2 in which said first axle is capable of telescoping into said vertical tubular member and said second axle is capable of telescoping into said first axle to provide a storage means for said wheels and axles when not in their operable position as a dolly, and means for securing said axles in their storage position against accidental release.

4. In a combination golf bag and dolly therefore, a frame consisting of a bottom plate, a vertical tubular supporting member mounted in said plate, a spider secured to the top of said vertical tubular supporting member, a bag for golf clubs arranged on said frame and secured at the bottom to said plate and at the top to the outer end of said spider legs, a first tubular axle, a first wheel rotatably mounted on one end of said tubular first axle, a second tubular axle, a second wheel mounted on one end of said second axle, a pin in said first axle extending transversely of its length and protruding from one side thereof, said pin being intermediate said first wheel and the free end of said first axle, an opening into said first axle intermediate said pin and the free end of said first axle, an opening in said second axle and extending transversely said second axle, an axle housing with a horizontal bore there-through depending from said plate, a notch on one end of said axle housing, said first axle slidable within said axle housing from said notched end, said pin engaging said notch to limit the penetration of said first axle in said axle housing, said second axle slidable within said first axle from the free end thereof, said pin limiting the depth of penetration of said second axle into said first axle, said pin further serving as a means for aligning the openings in said axles so they register, and locking means on said plate adapted to register with the openings in said axles, said first axle capable of telescoping into said ver-

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tical tubular member and said second axle capable of telescoping into said first axle to provide a storage means for said wheels and axles when not in their operable position as a dolly, means for securing said axles in their storage position against accidental release, a kick stand movably secured to said plate and capable of serving as a supporting leg for holding said bag in upright position when said wheels are in operable position, and a rigid vertically adjustable handle secured to said bag.

5. A golf bag as defined by claim 4 in which a kick stand is movably secured to said plate and capable of serving as a supporting leg for holding said bag in upright position when said wheels are in operable position, and a rigid vertically adjustable handle secured to said bag, said kick stand is capable of being moved into engagement with one of said wheels when in their storage position to serve as a means for securing said wheels in storage position.

6. In a combination golf bag and dolly therefore, a frame consisting of a bottom plate, a vertical tubular member mounted in said plate and communicating with its bottom, a bag for golf clubs arranged on said frame and embracing at least a portion of the length of said vertical tubular supporting member, a first tubular axle, a first wheel rotatably mounted on one end of said tubular first axle, a second tubular axle, a second wheel mounted on one end of said second axle, a pin in said first axle extending transversely of its length and protruding from one side thereof; said pin being intermediate of said first wheel and the free end of said axle; said axle having an opening intermediate of said pin and the free end of said first axle; said second axle having an opening extending transversely of its length, an axle housing with a horizontal bore there-through depending from said plate, a notch on one end of said axle housing; said first axle slidable within said axle housing from said notched end; said pin engaging said notch to limit the penetration of said first axle in said axle housing; said second axle slidable within said first axle from the free end thereof; said pin limiting the depth of penetration of said second axle into said first axle and further serving as a means for lining the openings in said axles to cause them to register with each other, locking means on said plate adapted to register with the openings in said axles; said first axle capable of telescoping into said vertical tubular member and said second axle capable of telescoping into said first axle to provide a storage means for said wheels and said axles when not in their operable position as a dolly, and a means for securing said axles in their storage position against accidental release.

HARRY R. WILSON.

## REFERENCES CITED

The following references are of record in the file of this patent:

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