Sept. 14, 1948. D. MATTHEWS 2,449,171

GOLF BAG STAND

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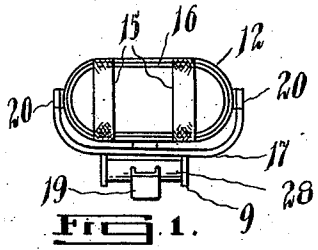


Fig. 1.

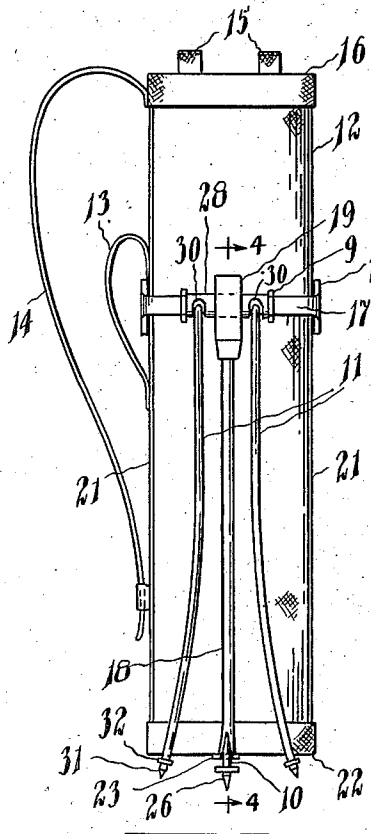


Fig. 2.

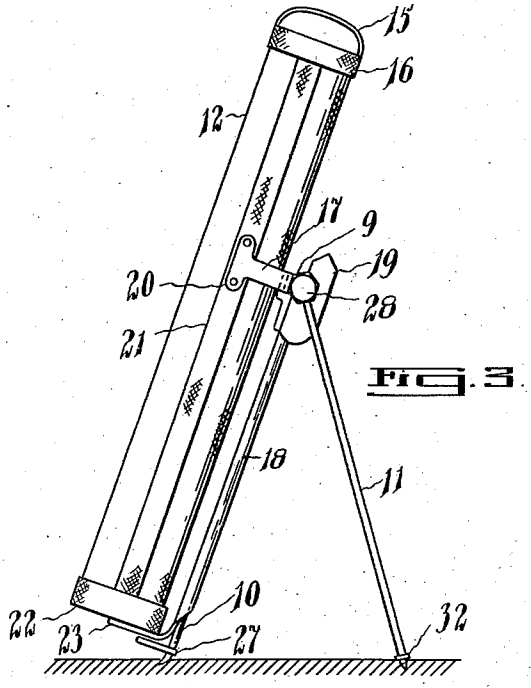


Fig. 3.

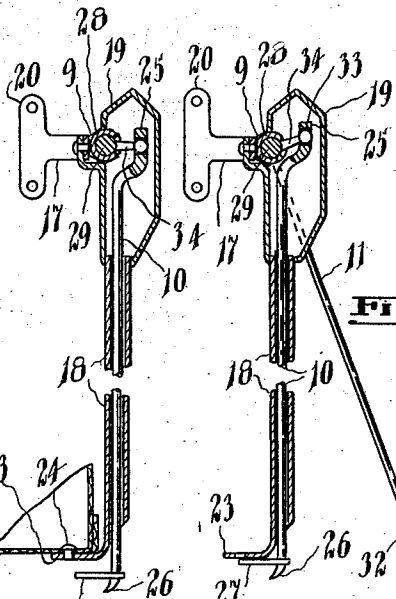


Fig. 5.

Fig. 6.

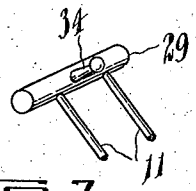


Fig. 7.

Fig. 4.

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GOLF BAG STAND

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4 Claims. (Cl. 248—96)

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My invention relates to improvements in stands for golf bags of the kind which are permanently applied to the bag for supporting it substantially erectile upon the ground so that the player is not required to lay it down and pick it up in playing the game.

The paramount object of the invention is to provide a stand of the character referred to comprising self-opening and closing legs in which the legs are caused to spread to a supporting position by the weight of the bag in placing it upright on the ground where it is maintained at a convenient inclination for removing and replacing the golf clubs.

More particularly the aim of the invention is to provide a stand with a leg slidably arranged alongside of the golf bag to project below the bottom thereof for engaging the ground, and a pair of pivoted legs normally disposed parallel to the slidable leg and connected thereto by a mechanism operable to swing the pivoted legs to open position when the weight of the bag bears on the slidable leg and slides it upwardly within limited movement. Accordingly, a person can easily stand the bag on the ground by lowering it endwise so that the slidable leg contacts the ground and automatically throws the pivotal legs to spread position to support the bag at an inclination. When the bag is raised from the ground the pivotal legs fold of their own accord, which does not interfere with the carrying of the bag.

The invention consists in the novel construction and arrangement of the golf bag stand as described in the ensuing specification and shown in the accompanying drawing forming a part thereof.

In the drawing,

Fig. 1 is a top plan view of the stand of the present invention applied to an ordinary golf bag.

Fig. 2 is an elevational view showing the stand in collapsed position on the bag.

Fig. 3 is a side view showing how the legs of the stand support the bag.

Fig. 4 is a vertical section on line 4—4 of Fig. 2 depicting the stand.

Fig. 5 is a similar sectional view to Fig. 4 but depicting the legs in open position.

Fig. 6 is a detail of the upper end of the slidable leg.

Fig. 7 is a perspective aspect of the pivotal end of the swingable legs.

In the selected embodiment of the invention herein disclosed the stand is shown as comprising a frame, generally denoted at 9, on which is mounted a slidable leg 10 and swingable legs

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11. Said frame is designed for attachment to a standard golf bag 12, of which 13 denotes the handle, 14 indicates the shoulder strap, and 15 represents the straps overlying the mouth 16.

The frame 9 is preferably made up of a rigid cross strap 17 and a depending tubular member 18 rigidly connected thereto as by a housing element 19. The cross strap 17 is disposed toward the mouth 16 of the bag and is curved through its length to fit about a broad side of the bag and has ears 20 at its ends which are secured by suitable fastening elements to the usual reinforcing members 21 of the bag.

The tubular member 18 is disposed medially of the adjacent broad side of the bag to extend alongside of the same to the bottom 22 where it is provided with an inturned ear 23 which overlies the said bottom and is secured thereto as by a fastening element 24. The tube 18 contains the slidable leg 10 which is free to move endwise therein. The upper end 25 of the slidable leg is disposed in the housing 19 and the lower end thereof projects from the tube 18 and terminates in a spur 26 for penetrating the ground. Adjacent to the spur there is a pad 27 which limits the penetration of the spur and is positioned so that it will make contact with the lower end of the tube 18 during relative upward movement of the slidable leg. The pad 27 therefore serves as a stop piece for limiting movement of the leg inwardly of said tube.

Rigid with the strap 17 of the frame is a bearing 28 at right angles to the tube 18. In the bearing is journalled a pivot bar 29 from which the swingable legs 11 rigidly extend in spaced relation so as to straddle the slidable leg 10. Slots 30 are supplied in the bearing 28 to accommodate swinging movement of the legs 11, and these legs desirably terminate in a spur 31 and a pad 32.

The upper end 25 of the slidable leg 10 is offset to extend adjacent to the pivot bar 29 and is formed with an aperture 33 in which is loosely fitted the free end of an arm 34 rigidly projecting from said pivot bar. By this expediency the sliding movement of the slidable leg imparts a swinging movement to the swingable legs sufficient to unfold the swingable legs to spread position.

When a player is carrying the bag the swingable legs occupy a normally collapsed or folded position alongside of the slidable leg, as shown in Fig. 2. When the player desires to stand the bag on the ground for selection of a club he merely lowers it vertically by means of the straps 15

until the slidable leg engages the ground and the weight of the bag forces this leg inwardly of the tube 18 to throw the swingable legs to unfolded position. It is then only necessary to allow the swingable legs to rest firmly upon the ground with the bag in an inclined position as depicted in Fig. 3. The legs cannot spread beyond a predetermined angle due to the stop piece 27. In picking up the bag the swingable legs return to folded position by the force of gravity. The swingable legs may be retained in closed position by a spring catch if so desired.

It will be manifest that the invention provides a stand in which the legs are automatically spread, and one which is facile of use and inexpensive to manufacture.

It is not intended that the invention shall be limited to the specific details of construction herein disclosed, but that such changes and variations may be resorted to as come within the subjoined claims.

What I claim is:

1. A golf bag stand comprising a frame, and legs carried thereby for spreading from a normally closed position to an open position, one of the legs being slidably mounted alongside of the bag and having a lower end projecting below the bottom thereof, another of the legs being pivotally mounted to swing away from the bag to an open position, a pivot bar rigid with the pivoted leg, an arm rigid therewith having a distal end loosely engaged in an aperture formed in the slidable leg whereby a receding movement of the slidable leg is operative to swing the pivoted leg to open position.

2. A golf bag stand comprising a frame provided with a tubular member for extending downwardly alongside of the bag to the bottom thereof, an ear on said tubular member for attachment to the bottom of the bag, a rigid transverse strap secured to the upper end of said tubular member, said strap having pierced ends for attachment to the bag, a bearing rigid with said strap, a pivot bar journalled in said bearing transversely of said tubular member, a leg slidably disposed in said tubular member having a lower end for projecting below the bag and having an upper end offset from said pivot bar and provided with an aperture, a pair of legs rigidly extending from said pivot bar and normally straddling said slidable leg, and an arm rigid with said pivot bar and engaged in said aperture in the upper end of the slidable leg so as to swing the said pair of legs to an unfolded position when the weight of the bag is taken on the slidable leg.

3. A structure as defined in claim 2, in which the slidable leg has a pad at its lower end engageable with the lower end of the tubular member to act as a stop piece for limiting upward travel of the slidable leg.

4. A stand for supporting a golf bag in a substantially upright position, comprising a frame for attachment to said bag having a tubular member for extending alongside of the bag, a leg slidably mounted in said tubular member to project below the bag, a transverse pivot bar journalled in said frame, a leg rigid with said pivot bar for swinging from a folded position alongside of the bag to an unfolded position at an angle thereto, and an arm rigid with said pivot bar and engaged with the slidable leg so as to translate a receding movement of the slidable leg into an opening movement of the swingable leg.

DANIEL MATTHEWS.

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