May 6, 1930. C. E. PLATT 1,757,471

AUTOMATIC FOLDABLE STAND FOR GOLF BAGS

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Fig. 1.

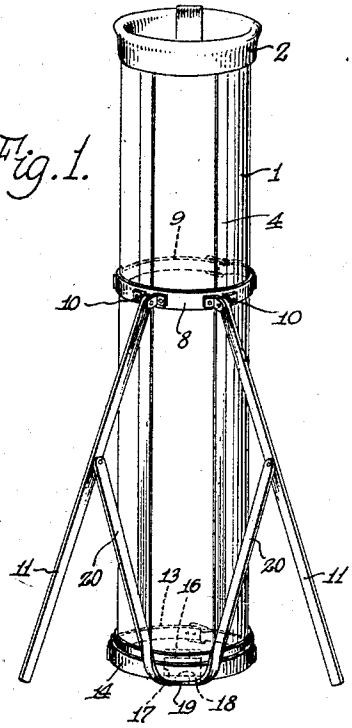
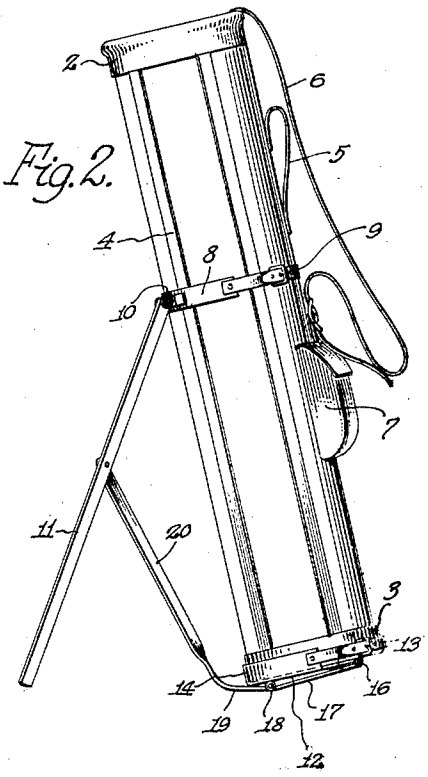


Fig. 2.



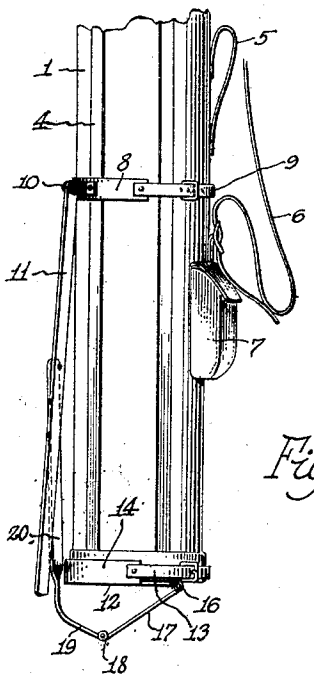


Fig. 3.

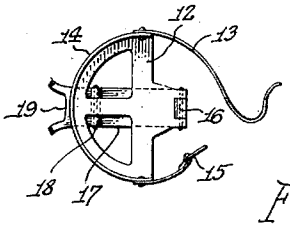


Fig. 4.

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AUTOMATIC FOLDABLE STAND FOR GOLF BAGS

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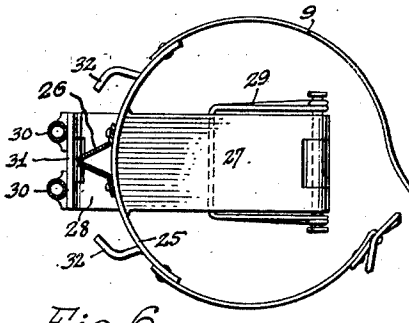
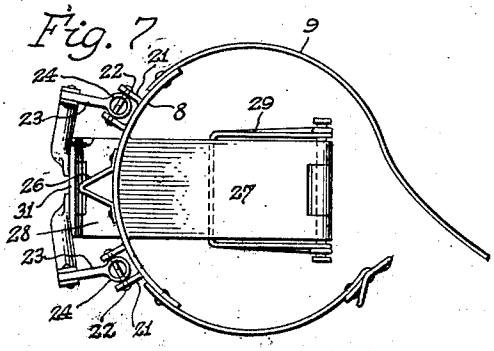


Fig. 6.

Fig. 5.

Fig. 7.



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UNITED STATES PATENT OFFICE

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AUTOMATIC FOLDABLE STAND FOR GOLF BAGS

Application filed December 3, 1926. Serial No. 152,340.

My invention aims to provide an automatic foldable stand or support for golf bags or the like so that such a receptacle may be supported at an inclination to the horizontal and in a convenient position to permit of golf clubs, balls or other instrumentalities being placed in the bag or removed therefrom.

My invention further aims to provide a strong and durable collapsible stand that may be attached to various kinds of golf bags, the stand including diverging legs adapted to cooperate with the bag in providing a tripod structure. Associated with the legs is a bifurcated brace hingedly connected to the bottom of the bag and adapted to be actuated by placing the bag on the ground to place the legs in a distended position. When the golf bag is lifted from the ground the legs and brace assume a folded or collapsed position at the side of the bag so that the bag may be carried in the usual manner. The brace and the manner of connecting it to the lower end of the golf bag affords ground protection to the bag, and all of this is accomplished by an inexpensive and light weight structure that will be hereinafter specifically described and then claimed.

Reference will now be had to the drawing, wherein

Figure 1 is a perspective view of a golf bag provided with my improved stand, showing the stand in an active or distended position;

Fig. 2 is a side elevation of the same;

Fig. 3 is a similar view showing the stand folded or collapsed;

Fig. 4 is a plan of a detached end shield for the golf bag;

Fig. 5 is a perspective view of a golf bag provided with another form of stand;

Fig. 6 is a horizontal sectional view of a detached stand, and

Fig. 7 is a plan of a detached stand.

In the drawing, I have shown a conventional form of golf bag that may include a substantially tubular body 1, end rings 2 and 3, longitudinal stiffening members 4, a hand strap 5, a shoulder strap 6, and a ball carrier 7. Obviously these elements may be of any material and shape.

Mounted on the bag, intermediate the ends thereof, is a semi-circular support 8 held in place by a buckle equipped strap 9. The support 8 is provided with spaced apart sets of apertured lugs 10 to which the upper ends of diverging legs 11 may be pivotally connected, so that the legs may be swung outwardly to cooperate with the bag in forming a tripod, or the legs may be swung inwardly close to the bag so as not to interfere with carrying the bag in the usual manner.

Mounted on the bottom ring 3 of the bag is an end shield 12 circular in plan and provided with a tongue 13 and a semi-cylindrical band 14. This end shield may be held in place on the ring 3 by a buckle equipped strap 15. The tongue 13 projects towards that side of the bag opposite the band 14 and hingedly connected to this tongue, as at 16 is a bottom plate 17 disposed substantially parallel to the shield 12 and terminating in proximity to the band attached to said shield. Hingedly connected to the bottom plate 17, as at 18, is the curved end of a bifurcated brace 19 having its extremities 20 pivotally connected to the legs 11, intermediate the ends thereof.

The support 8, legs 11, bifurcated brace 19, bottom plate 17 and shield 12 may be made of light and durable metal or other suitable material whereby these elements are comparatively rigid and suitable for stand purposes.

When the golf bag is being carried the stand is folded or collapsed, as shown in Fig. 3, with the bottom plate 17 at an angle to the bottom of the bag. When the golf bag is placed on the ground, as shown in Figs. 1 and 2, the bottom plate 17 and the bifurcated brace 19 will contact with the ground in advance of the shield 12, consequently the bifurcated brace will cause the legs 11 to be distended and cooperate with the bag in forming a substantial tripod structure having for one of its legs the golf bag in which golf clubs and other instrumentalities may be placed or removed without any danger of the tripod structure upsetting.

The shield 12 and its bottom plate 13 serve to protect what would ordinarily be the ground engaging end of the golf bag.

Reference will now be had to Figs. 5 to 7

inclusive showing what may be considered as a more simple form of stand for a golf bag. The upper support 8 is provided with sets of apertured lugs 21 which may be conveniently outstruck from the metallic support 8. Pivotally mounted between the lugs of each set, as at 22, is the bell crank end 23 of a leg 24.

The equipment for the lower end of the bag consists of a band 25 which is connected to the support 8 by a stiffened bar 26 which may be V-shaped in cross section. The band 25 has a shield 27 and hingedly connected to said shield is a bottom plate 28. The hinge connection may be used for supporting an interposed spring 29 which is held under compression when the bottom plate is closed or substantially parallel to the shield, as shown in Fig. 5. The expansive force of this spring is employed to open the bottom plate 28 relative to the shield 27, and hingedly connected to the bottom plate 28 is a coupling member 31 for the ends of rods 30 pivotally connected to the bell crank ends 23 of the legs 24. The rods 30 extend upwardly in diverging directions and the crank portions of the legs 24 are offset relative to said legs so that the rods 30 may be positioned between the legs and not interfere with the swinging movement thereof. The legs 24 are adapted to swing inwardly substantially parallel to the golf bag, when the bag is removed from the ground. This inward swinging movement has impetus imparted thereto by the expansive force of the spring 29 and the legs 24 may be retained in a closed position by outstruck lugs or keepers 32 of the band 25.

Comparing this form of stand with that illustrated in Figs. 1 to 4 inclusive, it will be noted that I have rearranged the bracing of the legs and provided a more rigid stand for the golf bag. Light weight material may be used in the construction of the stand so as not to materially increase the weight of a golf bag, particularly when filled with golf clubs.

The preferred embodiment of my invention has been illustrated but it is to be understood that the structural elements are susceptible of such changes as are permissible by the appended claims.

What I claim is:—

1. An automatic foldable stand for a golf bag comprising two swingable legs attached to said bag intermediate the ends thereof, a brace connecting said legs, and ground engaging means connecting said brace to the bottom of said bag adapted by contact with the ground to actuate said brace and distend said legs for support of said bag at an inclination to the horizontal, said means including a shield mounted on the bottom of said bag, and a bottom plate hingedly connecting said brace to said shield.

2. A stand for a golf bag comprising a support adapted to be attached to the bag intermediate the ends thereof, diverging legs pivotally connected to said support, a bottom plate hingedly supported at the lower end of the golf bag, and a connection between said legs and said bottom plate by which movement of said bottom plate causes the movement of said legs.

3. A golf bag, legs having the upper ends thereof pivotally supported intermediate the ends of said golf bag, a bottom plate hingedly supported at the lower end of said golf bag, and a connection between said legs and said bottom plate so that movement of said bottom plate towards the lower end of said golf bag causes movement of said legs relative to said golf bag for supporting said bag at an inclination to the vertical.

4. A stand for a golf bag comprising a support adapted to be attached to the bag intermediate the ends thereof, diverging legs pivotally connected to said support, a shield adapted to be attached to the lower end of the bag, a brace for said legs, and a bottom plate hingedly connecting said brace to said shield and adapted to extend at an angle to the bottom of said bag to contact with the ground in advance of said shield.

In testimony whereof I affix my signature.

CORNELIUS E. PLATT.