Aug. 21, 1956 A. A. PESATURO 2,759,486

UMBRELLA STANDARD DEVICE

Filed Jan. 4, 1954

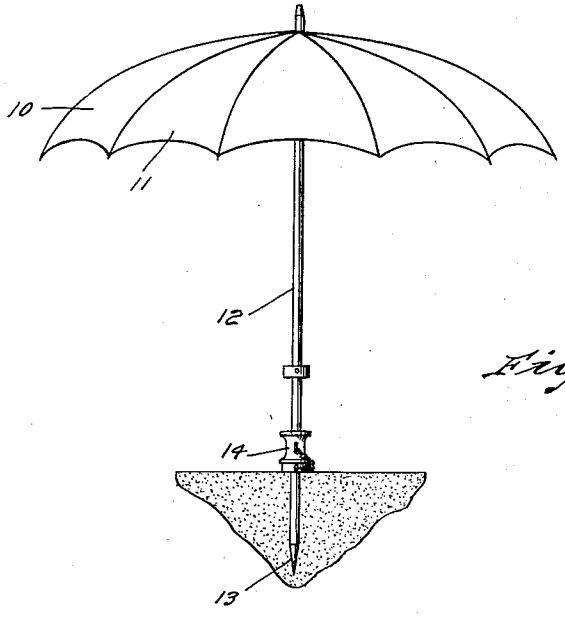


Fig. 1

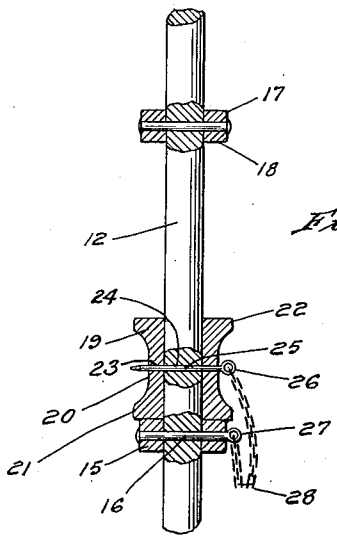


Fig. 2

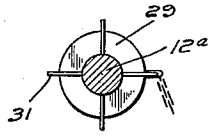


Fig. 4

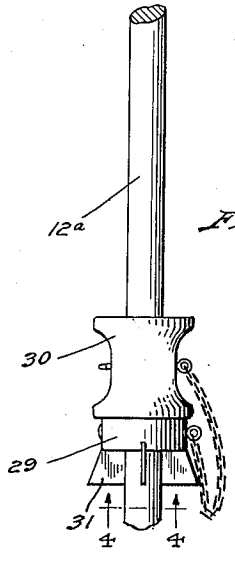


Fig. 3

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UMBRELLA STANDARD DEVICE

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2 Claims. (Cl. 135—46)

The present invention relates to an umbrella of the type used on beaches, and has special reference to an attachment device therefor, whereby the umbrella standard may be easily inserted into and removed out of the ground.

The principal object of the invention is to provide an attachment device for a beach-type umbrella which is slidably operated to drive the umbrella stick into the ground and to release it from the ground.

Another object of the invention is to provide an attachment device for a beach-type umbrella which anchors the umbrella firmly in place in the ground.

With the above and other objects and advantageous features in view, the invention consists of a novel arrangement of parts more fully disclosed in the detailed description following, in conjunction with the accompanying drawings, and more specifically defined in the claims appended thereto.

In the drawings,

Fig. 1 is a perspective view of a beach umbrella showing an illustrative beach umbrella equipped with my novel device;

Fig. 2 is an enlarged sectional detail of Fig. 1, illustrating my device in detail;

Fig. 3 is a modified construction thereof; and

Fig. 4 is a view on the line 4—4 of Fig. 3.

It has been found advisable to provide an attachment for an umbrella of the beach type which is manually operated to selectively drive the umbrella standard into and out of the ground, the attachment preferably including an anchoring element for stabilizing the umbrella in ground inserted position. To this end, I set two rings in spaced position on the umbrella standard, the rings being preferably metallic, and I position a movable hammer intermediate the rings, which is also preferably metallic, and which is adapted to slide between the rings, whereby the standard can be selectively driven into the ground or removed therefrom; the lower ring is also formed as an anchoring element for keeping the umbrella steady when inserted into the ground.

Referring to the drawings, Fig. 1 shows a conventional beach-type umbella **10** having a canopy **11** and a standard **12**. The standard **12** is preferably made of wood, but may be of metal, and is tapered to a point at its free end to provide a pick **13** whereby the standard may more easily be driven into the ground. A hammering device **14** is mounted on the standard as illustrated, and consists of a lower anvil ring **15** secured to the standard by a pin **16**, a spaced upper anvil ring **17** secured to the standard by a pin **18**, and an intermediate hammer block **19**, the hammer block **19** being slidably mounted between the anvil rings and adapted to selectively impact both anvil rings to drive the standard into the ground or to withdraw it therefrom. The hammer block is preferably shaped with an intermediate neck **20** to provide easy hand grasping and tapers outwardly therefrom in both directions, whereby the bottom portion

21 and the upper portion **22** overlap the peripheries of the anvil rings, see Fig. 2, thus providing safety guards for preventing the hands and fingers from being caught between the hammer block and the anvil rings. The hammer block preferably has a transverse hole **23** which is adapted to be aligned with a transverse hole **24** in the standard, the aligned holes **23**, **24** being adapted to slidably receive a lock pin **25**, whereby the hammer block is locked in position and prevented from sliding on the standard when the umbrella is being transported; the pin **25** and the pin **16**, each have eyes **26**, **27** for receiving the ends of a chain **28** in order to prevent loss of the pin **25**.

Although my preferred construction, as shown in Figs. 1 and 2, includes a lower and upper anvil ring, it may be advisable in many instances to have a modified construction as shown in Fig. 3, which illustrates a standard **12***a* having only a lower anvil ring **29** mounted thereon with a hammer **30** superimposed thereabove for slidably impacting the lower anvil, the lower anvil **29** including four radial deepnding fins **31**, see Fig. 4, adapted to be driven into the ground and providing anchoring wings whereby the standard is firmly set into the ground and prevented from rotating or tilting.

It is now clear that my novel construction provides a device for driving a standard into the ground, and is especially adapted for mounting on a standard for beach umbrella whereby the beach umbrella may be easily secured into the ground and quickly withdrawn therefrom.

Although I have disclosed a specific constructional embodiment of my invention, it is obvious that changes in the size, shape and arrangement of the parts may be made to meet certain other requirements, without departing from the spirit and the scope of the invention, as defined in the appended claims.

I claim:

1. In combination with a beach-type umbrella having a standard, a device mounted on the standard for securing the umbrella upright in the ground, consisting of a lower and an upper annular anvil fixed on the standard in spaced relation, and a hammer slidably mounted on the standard intermediate the fixed anvils, whereby the hammer is selectively manually movable in one direction to impact the lower anvil for driving the umbrella standard into the ground and is movable in the opposite direction to impact the upper anvil for withdrawing the umbrella standard out of the ground, said hammer being spool shaped with a narrow intermediate grasping portion and with outwardly tapering spaced lower and upper end portions, said end portions having their peripheries of greater diameter than the peripheries of the anvils, whereby hand safety guards are provided, one of said anvils having a rivet securing it to the standard, said rivet having an end eye with a flexible chain including a pin secured thereto, said standard having a transverse hole therethrough, and said hammer including a hold adapted to be aligned with said transverse hole, whereby said pin may be detachably inserted through the aligned holes to lock the hammer in set position.

2. In the combination of claim 1, said lower anvil having four radial anchoring wings.

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