

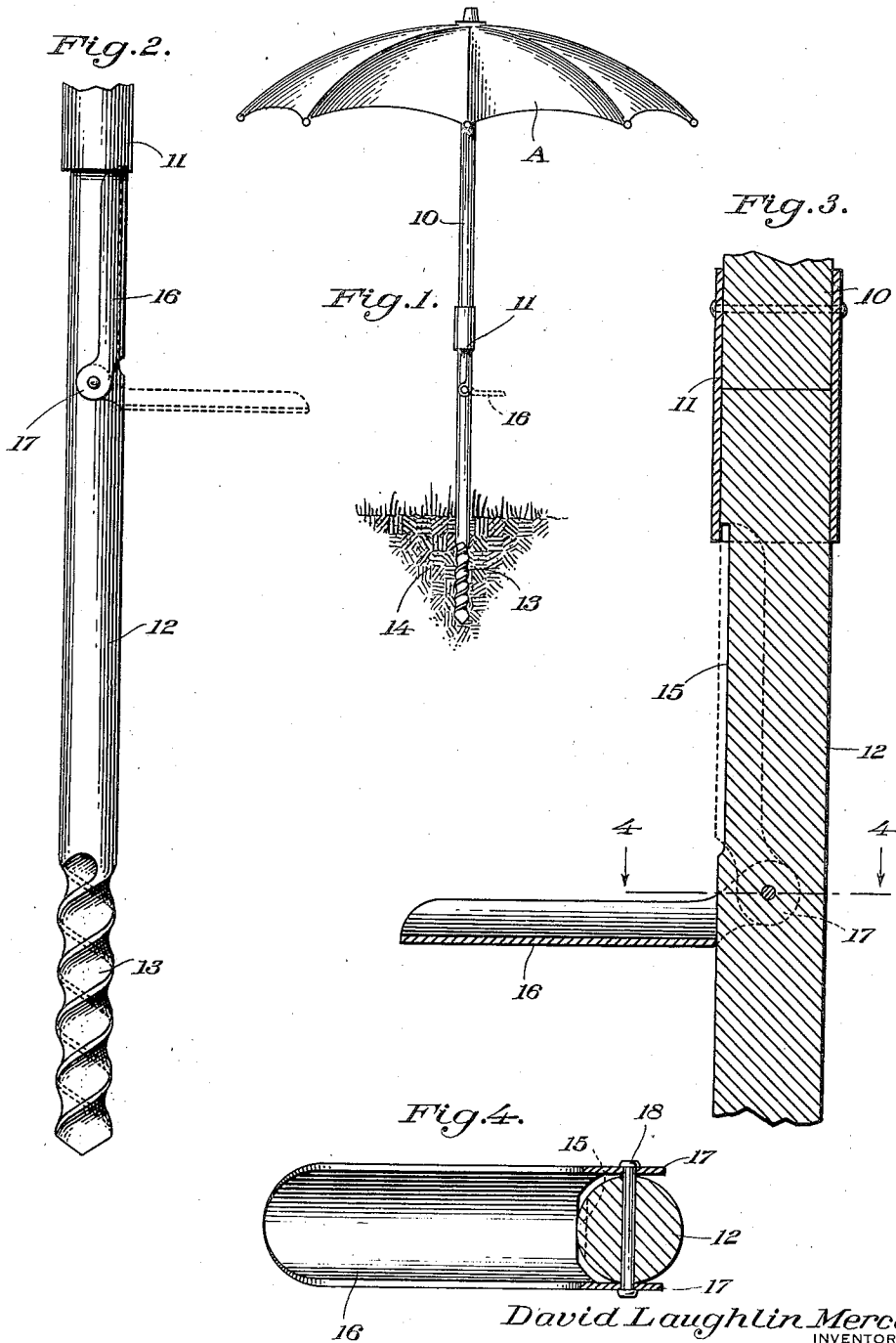
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UMBRELLA ANCHOR

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UMBRELLA ANCHOR

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1 Claim. (Cl. 248—44)

The invention relates to an anchoring stake and more especially to an umbrella anchor.

The primary object of the invention is the provision of a device of this character wherein through the arrangement of screw threads formed on the stake the same can be conveniently anchored in the ground for the coupling therewith of an umbrella, the latter being useable on beaches, lawns or other localities and the stake is conveniently worked into the ground and removed therefrom.

Another object of the invention is the provision of a device of this character wherein the stake carries a handle swingingly supported thereon which is adaptable for conveniently working the stake into the ground or from the same for the purposes of anchoring an umbrella or the like.

A further object of the invention is the provision of a device of this character which is simple in its construction, thoroughly reliable and efficient in operation, readily and easily anchored in or removed from a foundation, and inexpensive to manufacture.

With these and other objects in view, the invention consists in the features of construction, combination and arrangement of parts as will be hereinafter more fully described in detail, illustrated in the accompanying drawing, which discloses the preferred embodiment of the invention and pointed out in the claim hereunto appended.

In the accompanying drawing:

Figure 1 is an elevation of an anchor constructed in accordance with the invention in association with an umbrella.

Figure 2 is a fragmentary enlarged side elevation of the anchor.

Figure 3 is a fragmentary vertical longitudinal sectional view thereof.

Figure 4 is a sectional view taken on the line 4—4 of Figure 3 looking in the direction of the arrows.

Similar reference characters indicate corresponding parts throughout the several views in the drawing.

Referring to the drawing in detail, A designates generally an umbrella serviceable for use upon a beach, lawn or other locality and its staff 10 is detachably coupled through the medium of a coupling sleeve 11 with an anchoring device constituting the present invention and hereinafter fully described.

The anchoring device comprises a stake or stem 12 having a threaded lower end 13 forming an auger tip so that the anchoring device can be readily worked into the ground or removed there-

from, the anchoring being disclosed in Figure 1 of the drawing and the foundation denoted at 14.

Accommodated within a counterseat 15 provided in the outer periphery of the stake or stem 12 is a vertically swingable handle constituted by an outwardly arched elongated lever or channeled piece 16 having a furcated pivot end creating spaced pivot ears 17 accommodating a pivot 18 which is mounted transversely in the stake or stem 12 and in this manner the said handle is vertically swingable to lie within the counterseat 15 or be extended at right angles to the axis of the stake or stem 12 and in this latter position the said stake or stem can be readily screwed into the foundation 14 or unscrewed therefrom.

The coupling sleeve 11 permits the separable connection of the staff 10 with the stake or stem 12. The handle when within the counterseat 15 is in normal position and is substantially flush with the outer periphery of the said stake or stem 12.

The coupling sleeve 11 is so fastened on the staff 10 so that the socket created by this sleeve is of sufficient depth to have the sleeve overlap the counterseat 15 in the stake or stem 12 when the latter is coupled with the staff 10 and in this manner the handle 16 can be latched in the counterseat 15 and thus preventing the said handle from dropping down accidentally from the raised position as shown in dotted lines in Figure 3 of the drawing to a horizontal position shown by full lines in said figure. When the sleeve 11 rides from over the counterseat 15, the handle 16 can be brought from the dotted line position to the full line position shown in Figure 3 of the drawing.

The counterseat 15 accommodates the handle 16 when in the raised position so that this will be flush with the peripheral face of the said stake or stem 12 and thus not protrude.

What is claimed is:

An anchor for an umbrella having a staff, comprising a stake for matching the staff and engageable therewith in end to end relationship and having a threaded augerlike tip remote from the end engagement of said stake with the staff, a sleeve-like member fixed to the staff and projected beyond the end engageable with said stake for creating a socket slidably receiving said stake, and a swingable handle connected with said stake and counterseated therein close to the end of said stake engageable in said sleeve-like member for the socketing of the handle therein when socketing the said stake and maintaining the handle counterseated in the latter.

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