April 28, 1936. K. B. SCHULTHESS 2,038,962

MARKING DEVICE

Filed Dec. 21, 1935

Fig. 1.

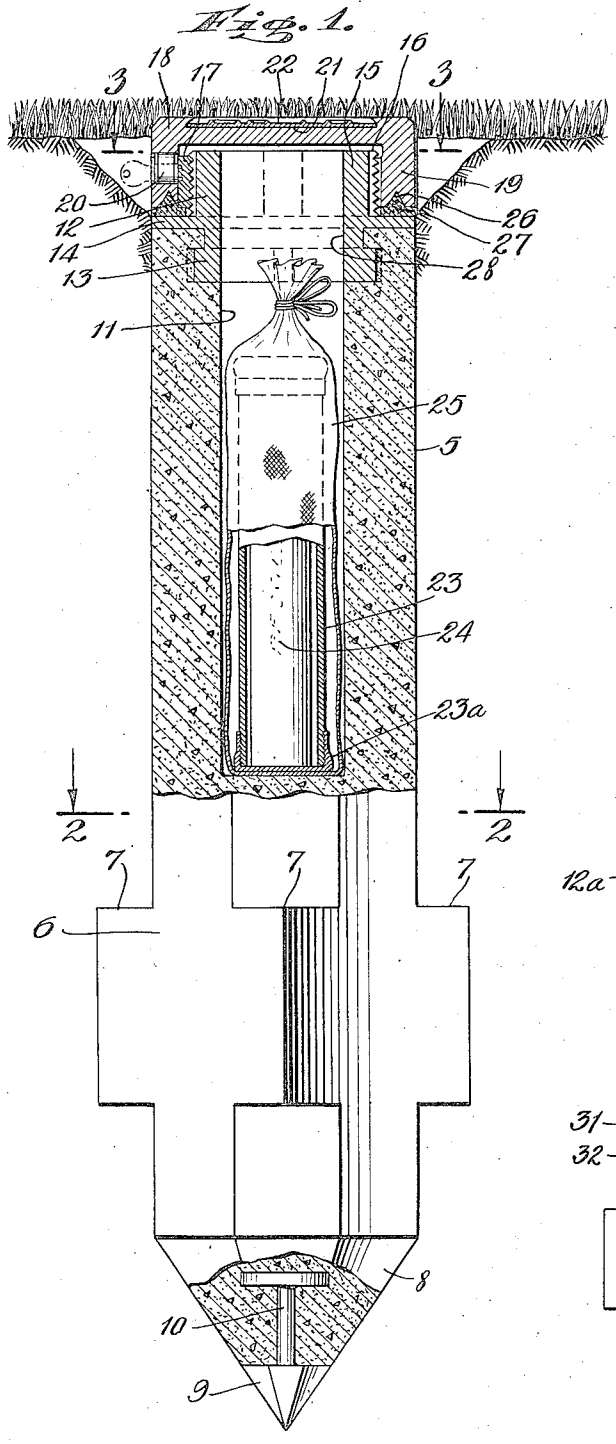


Fig. 2.

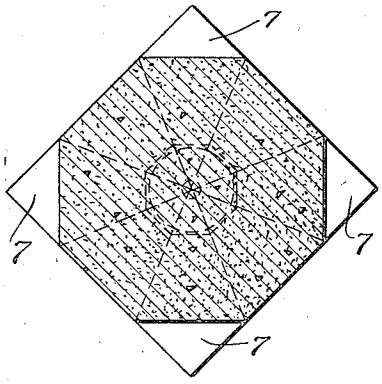


Fig. 3.

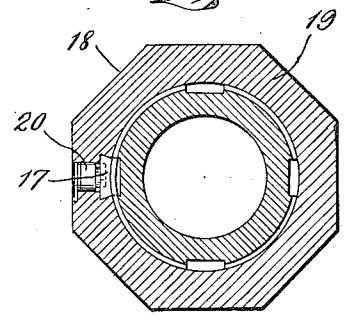
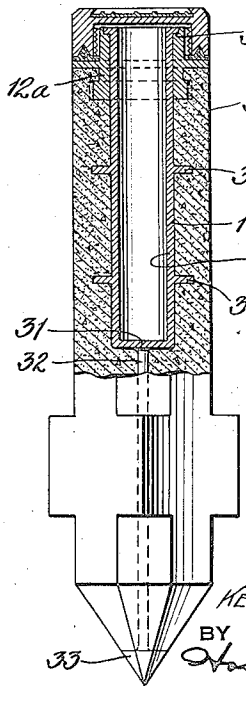


Fig. 4.



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MARKING DEVICE

Kenneth B. Schulthess, Belleville, N. J.

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10 Claims. (Cl. 72—7.3)

This invention relates to devices for use in marking lots, plots or graves to identify or mark a grave or for the purpose of locating or marking the border lines of a section or land; and the object of the invention is to provide a device of the class described in the form of an elongated post or stake adapted to be submerged or imbedded in the ground and having means for anchoring the same in the ground to prevent displacement thereof, and wherein the post or stake includes a chamber opening through the upper end thereof with a detachable closure at the upper end of the device controlling admission to said chamber; a further object being to provide a closure for markers of the class described, the upper surface of which is provided with a name or characterized plate; a further object being to provide means for retaining the closure against displacement; a further object being to provide means for affecting a seal between the closure and the adjacent wall of the post or stake; a still further object being to provide a device of the class described consisting of a molded or cast body of concrete or similar material and wherein the chamber or compartment of the device includes a lining tube or sleeve; a still further object being to provide the lower or pointed end of the stake or post with a metallic pointed tip to reinforce and strengthen said end of the device; and with these and other objects in view, the invention consists in a device of the class and for the purpose specified, which is simple in construction, efficient in use, and which is constructed as hereinafter described and claimed.

The invention is fully disclosed in the following specification, of which the accompanying drawing forms a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which:

Fig. 1 is a side and sectional view of a marking device made according to my invention and indicating the method of its use.

Fig. 2 is a section on the line 2—2 of Fig. 1.

Fig. 3 is a section on the line 3—3 of Fig. 1; and,

Fig. 4 is a view similar to Fig. 1 on a reduced scale and showing a modification.

In carrying my invention into effect, I provide a marker in the form of an elongated post or stake 5, preferably composed of a body of non-corrosive material and in the construction shown, is in the form of a concrete molding or casting which is molded to form a substantially octagon body having an enlarged square portion 6 adjacent the lower end thereof which is produced by simply extending four of the octagon sides to provide triangular corner projections 7 as clearly indicated in Fig. 2 of the drawing. These projections form anchor members which will support the device against movement when imbedded in the ground in the manner indicated in Fig. 1 of the drawing. The lower end portion 8 of the body is pointed and is preferably provided with a reinforcing metallic tip 9 including an anchor portion 10 retaining the same against displacement from the concrete body.

The upper end portion of the body 5 is molded to form a relatively long or deep chamber 11 in the upper end of which is molded a coupling element 12 having an anchor portion 13 and horizontal flange portion 14 which forms a finishing surface to the upper end of the body 5 and an upwardly projecting externally threaded portion 15 having a plurality of circumferentially spaced recesses 16, into one of which a locking plate 17 is adapted to pass to retain a closure cap 18 against rotation with respect to the coupling 12. Imbedded in the depending and internally threaded wall or skirt 19 of the cup-shaped closure 18 which may also be termed a hollow octagon nut, is a key-actuated lock 20 in operative engagement with the member 17 to move the same into operative and inoperative positions.

In the construction shown, the inner surface of the member 17 is threaded to engage the externally threaded extension 15 when the member 17 is in inoperative position. The upper surface of the closure cap or nut 18 has a large countersunk recess 21 in which a name or identification plate 22 is adapted to be secured. This plate may be attached and detached with respect to the nut 18, or as shown in the accompanying drawing, may be sprung or forced into the recess 21 and permanently retained therein. The plate may be embossed, engraved, molded or otherwise formed to give the desired identification or marking and may include names, numerals, symbols or other characters used for identifying or marking a grave or a plot, lot or parcel of land, or a bordering edge or corner of land.

In the use of the device as a grave marker, the hollow chamber 11 will be employed as a means for receiving a cylinder 23 containing a paper parchment or other recording data indicated at 24. It is preferred that the cylinder 23, which has a removable cap 23a at one end thereof to control admission thereto, be placed in a fabric or other bag, sack or container 25. The sack or container 25 may be composed of a waterproofed

material or of a material which in itself is waterproof so as to protect the cylinder **23** against the elements should moisture or dampness penetrate into the chamber **11**. In this connection, however, it will be understood that the body **5** may be constructed of what is termed waterproof cement, or may be coated with waterproof material to guard and protect the same against the elements and to give long life thereto.

The lower surface of the wall **19** of the cap or nut **18** is provided with a circumferential groove **26** which is preferably V-shaped in cross sectional form into which part of a packing ring or gasket **27** is adapted to pass in effecting a seal between the lower edge of the cap and the flange **14**. The bore **28** of the coupling **12** is in alinement with the chamber **11** as may be seen upon a consideration of Fig. 1 of the drawing.

In Fig. 4 of the drawing, I have shown a slight modification which consists in moulding in the chamber **11***a* of the body **5***a* on the post or marker, a lining tube or sleeve **29** having a number of spaced anchor members **30**. Attached to the bottom wall **31** of the liner **29** is a depending rod **32** which extends to and supports the metallic tip **33** similar to the tip **9**. With this construction, the upper open end portion of the liner **29** fits within the coupling **12***a* and is countersunk in the outer end portion of the coupling as indicated at **34**. Aside from these structural features, the device shown in Fig. 4 will be the same as the device shown in Figs. 1 to 3 inclusive.

By providing the supplemental container or liner, I provide a greater protection for the document or record tube **23** such as shown in Fig. 1 and eliminate the necessity of employing a protecting sack or cover such as **25**. At the same time, the walls of the container will be smooth whereby the insertion of a hand into the container will cause no injury thereto. In some instances, the size of the chamber or container employed in the body **5**—**5***a* may be relatively small in diameter, and in such cases, means will be provided for removing the record holder. With the structure shown in Fig. 1, the upper end of the container may be grasped by a rod or by the fingers of a hand in removing the record holder from the chamber **11**.

In some uses of the device, other anchoring means may be employed in connection with the body or attached to the enlarged lower end portion thereof to spread a greater area in the ground. In some cases, a hole may be dug for the insertion of the marker and concrete slushed around the lower end portion thereof to provide a greater anchorage, and the dirt or soil is afterwards packed around the body to securely retain the same in a fixed position.

In Fig. 1 of the drawing, I have shown the upper or cap end of the device partially imbedded in the soil in order to dispose the upper surface of the cap below the normal height of grass to facilitate the mowing or trimming of the grass, especially in cemetery plots or graves. However, the ground level may be maintained at a point in line with the upper edge of the concrete wall structure of the device, leaving the cap **18** entirely above the ground. This type of installation may be preferred in many uses, and especially as a land marker.

By constructing a device of the contour herein disclosed, the same may be conveniently packed and shipped in an elongated rectangular container and may be stacked or piled one upon another in storage, it being preferred that the octagon nut be of the same size as the octagon cross sectional form of the body **5** to maintain a symmetry throughout the entire device.

Having fully described my invention, what I claim as new and desire to secure by Letters Patent is:

1. A marker of the class described comprising an elongated body of molded material, one end portion of said body having a chamber opening outwardly through said end of the body, means constituting part of said body and projecting at the other end thereof for anchoring the same in a support, a cap for closing the open end of said body, and means imbedded in and covering the open end of said body and on said cap for detachably coupling the cap with said body.

2. A marker of the class described comprising an elongated body of molded material, one end portion of said body having a chamber opening outwardly through said end of the body, means constituting part of said body and projecting at the other end thereof for anchoring the same in a support, a cap for closing the open end of said body, means imbedded in and covering the open end of said body, and on said cap for detachably coupling the cap with said body, and a characterized plate on the outer surface of said cap for giving identity to said device.

3. A marker of the class described comprising an elongated body of molded material, one end portion of said body having a chamber opening outwardly through said end of the body, means constituting part of said body and projecting at the other end thereof for anchoring the same in a support, a cap for closing the open end of said body, means imbedded in and covering the open end of said body and on said cap for detachably coupling the cap with said body, a characterized plate on the outer surface of said cap for giving identity to said device, and means for retaining the cap against removal from said body.

4. A marker of the class described comprising an elongated body of molded material, one end portion of said body having a chamber opening outwardly through said end of the body, means at the other end portion of said body for anchoring the same in a support, a cap for closing the open end of said body, a coupling sleeve imbedded and anchored in the upper end portion of said body and covering the upper surface thereof, said cap being detachably coupled with said sleeve, and means for retaining said cap against removal from said sleeve.

5. A marker of the class described comprising an elongated body of molded material, one end portion of said body having a chamber opening outwardly through said end of the body, means at the other end portion of said body for anchoring the same in a support, a cap for closing the open end of said body, a coupling sleeve imbedded and anchored in the upper end portion of said body and covering the upper surface thereof, said cap being detachably coupled with said sleeve, means for retaining said cap against removal from said sleeve, the walls at the lower end of said body being contracted, and a metallic tip imbedded in the contracted portion of said body and forming a pointed end therefor.

6. A device of the class described comprising an elongated body of concrete, the upper end portion of said body having a chamber opening outwardly through said end, a sleeve imbedded in and secured to the upper end of said body and partially forming said chamber, the sleeve hav-

ing a threaded portion projecting above said body and a part extending over the upper surface of said body, and a threaded cap detachably coupled with said sleeve and forming a closure for said chamber.

7. A device of the class described comprising an elongated body of concrete, the upper end portion of said body having a chamber opening outwardly through said end, a sleeve imbedded in and secured to the upper end of said body and partially forming said chamber, the sleeve having a threaded portion projecting above said body and a part extending over the upper surface of said body, a threaded cap detachably coupled with said sleeve and forming a closure for said chamber, means forming a seal between said cap and sleeve, and a tube forming a liner for the chamber of said body.

8. A device of the class described comprising an elongated body of concrete, the upper end portion of said body having a chamber opening outwardly through said end, a sleeve imbedded in and secured to the upper end of said body and partially forming said chamber, the sleeve having a threaded portion projecting above said body, a part extending over the upper surface of said body, a threaded cap detachably coupled with said sleeve and forming a closure for said chamber, the lower end portion of said body having circumferentially spaced, outwardly projecting anchor portions, and a pointed tip imbedded in the lower end of said body and forming a pointed tip therefore.

9. In an elongated concrete body forming a marker of the class described, a cap detachably coupled with one end portion of said body and of a cross sectional contour and size corresponding to said end portion of the body, the outer surface of said cap being recessed, and a characterized element of identification mounted in the recess of said cap and exposed therethrough.

10. In an elongated concrete body forming a marker of the class described, a cap detachably coupled with one end portion of said body and of a cross sectional contour and size corresponding to said end portion of the body, the outer surface of said cap being recessed, a characterized element of identification mounted in the recess of said cap and exposed therethrough, a coupling member imbedded in said end of the body and projecting above said end to provide for the mounting of the cap in connection with said body, and the other end portion of said body having a pointed tip including an anchor portion imbedded in said body.

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