

No. 681,738.

Patented Sept. 3, 1901.

W. O. ROY.
PERMANENT FOUNDATION POST.

(Application filed July 6, 1900.)

(No Model.)

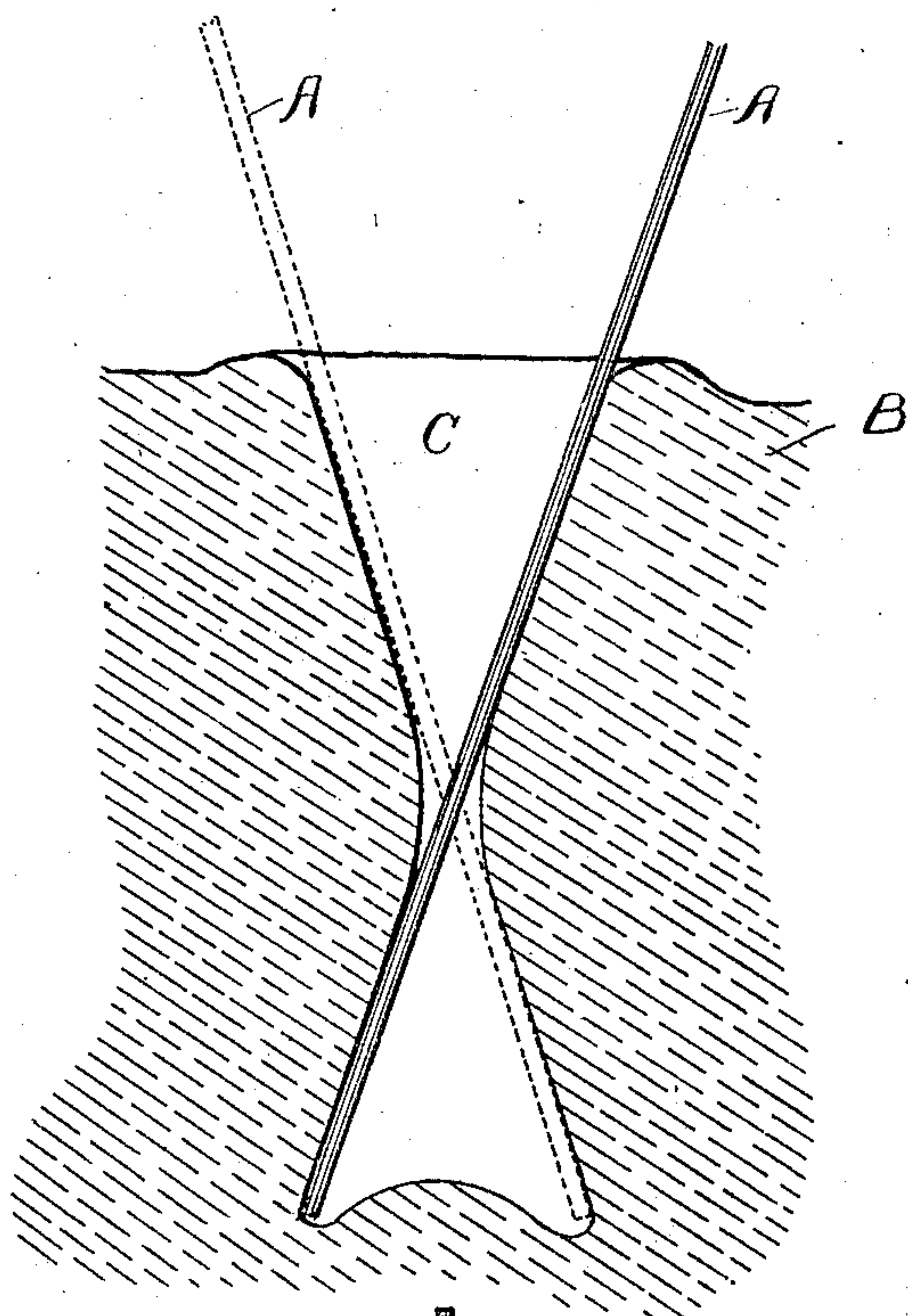


Fig. 1.

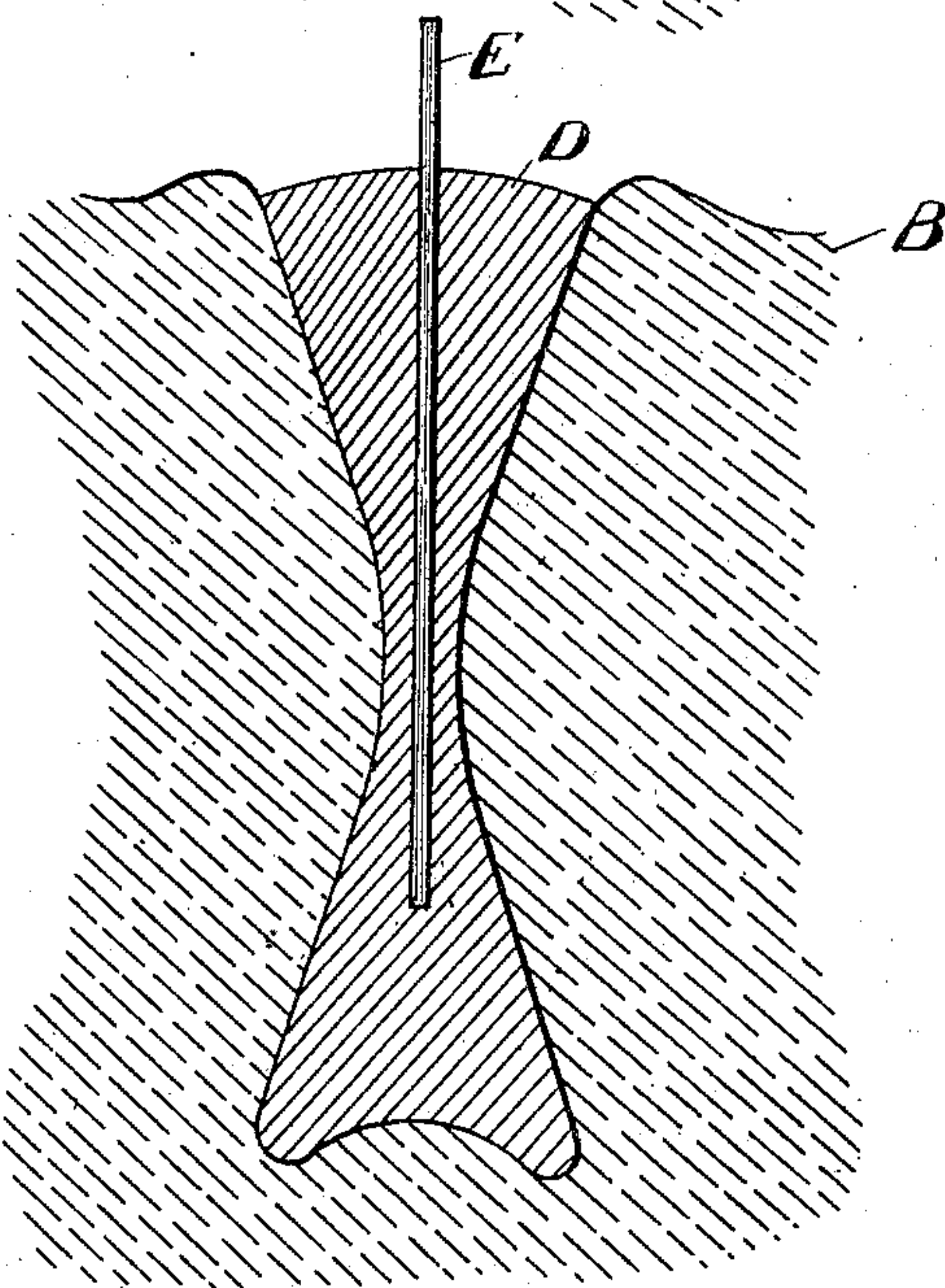


Fig. 2.

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UNITED STATES PATENT OFFICE.

WILLIAM ORMISTON ROY, OF MONTREAL, CANADA.

PERMANENT FOUNDATION-POST.

SPECIFICATION forming part of Letters Patent No. 681,738, dated September 3, 1901.

Application filed July 6, 1900. Serial No. 22,680. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM ORMISTON ROY, a subject of Her Majesty the Queen of Great Britain and Ireland, residing at Mount Royal cemetery, in the city of Montreal, in the Province of Quebec, in the Dominion of Canada, have invented an Improvement in Permanent Foundation-Posts; and I do hereby declare the following to be an exact, clear, and correct specification of the same.

My invention relates to the construction of a permanent foundation post or pillar, and has for its object a simple, cheap, and ready means of sinking in the ground a post or pillar of a shape adapted to prevent any shifting or displacement by frost or other cause.

Reference is made to the annexed drawings, in which—

Figure 1 illustrates the formation of the hole, and Fig. 2 shows a section of a cement-filled hole with strengthening-bar.

My invention consists in a pillar of cement or other suitable material having the form of two cones joined at their apexes, being thin at the center and expanding in each direction toward the two ends.

The construction of the pillar is as follows: A crowbar A is driven into the ground B to a suitable depth and is then forced around at its projecting end until a hole C of the shape

above described, as shown in Fig. 1, is formed in the ground. When the bar is removed, cement is then poured into the hole and allowed to form and harden. An additional strengthening-bar E may be added, passing down through the center of the cement. The result of such a construction is a permanent post or pillar which, owing to its form, is not readily affected by frost or shrinkage of the ground, and the method is more rapid and simple than the sinking of an ordinary post. Such a pillar is specially adapted to land-marks, where a permanent device is necessary.

Having now described my invention and how it is to be carried out, what I claim, and desire to secure by Letters Patent, is—

1. A permanent foundation-post of hour-glass form and set in the ground as described.
2. A permanent foundation-post of hour-glass form having a central strengthening-bar, and set in the ground as shown and described.

In witness whereof I have hereunto set my hand in the presence of the two undersigned witnesses.

WILLIAM ORMISTON ROY.

Witnesses:

H. S. CARVER,
GEO. R. LIGHTHALL.