

No. 744,056.

PATENTED NOV. 17, 1903.

R. B. EMERSON.

CEMENT SIGN.

APPLICATION FILED JUNE 29, 1903.

NO MODEL.

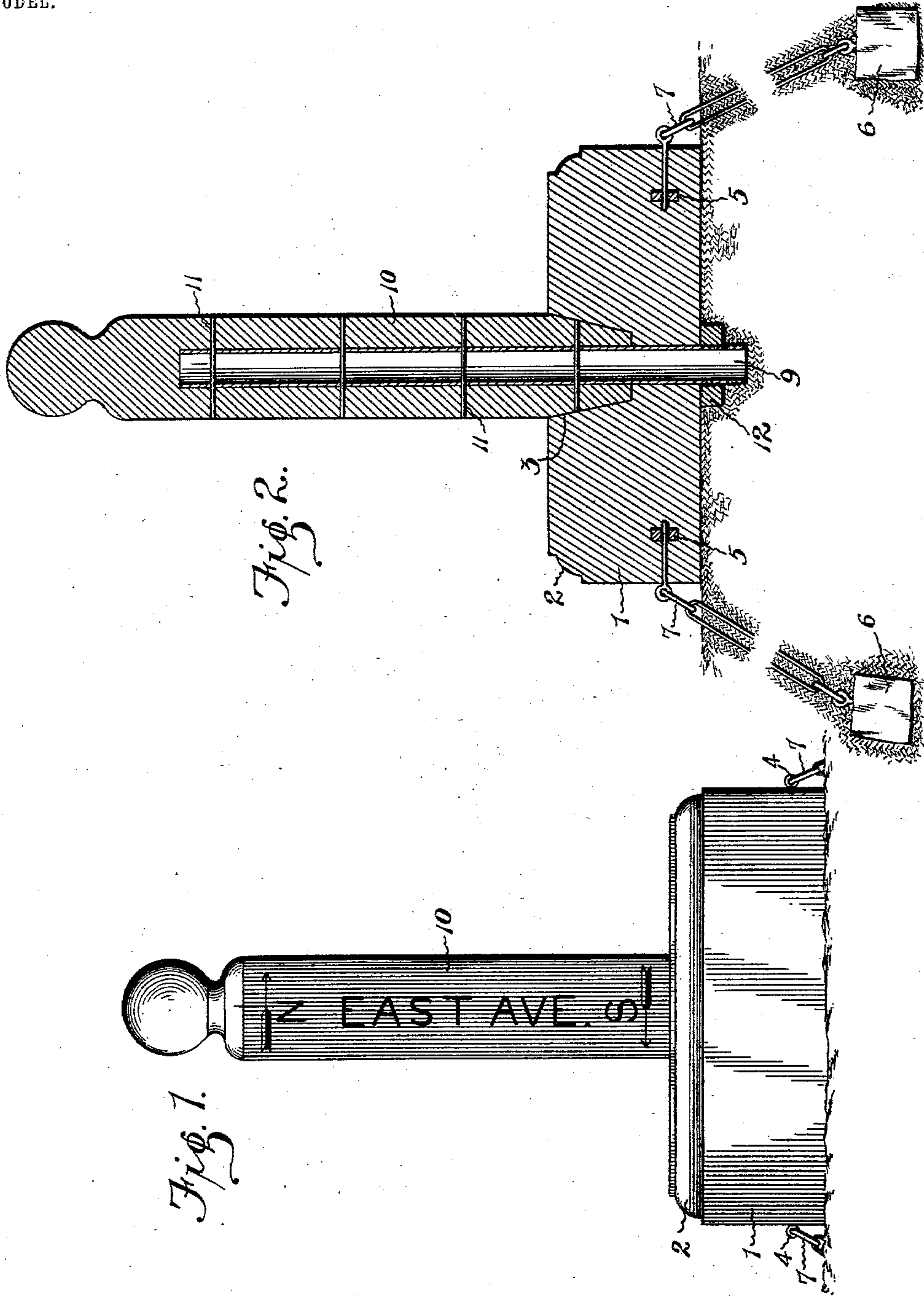


Fig. 2.

Fig. 1.

Witnesses

W. E. Brown

W. E. Brown

Inventor

Robert B. Emerson

By *C. W. Brown*
Attorney.

UNITED STATES PATENT OFFICE.

ROBERT B. EMERSON, OF JACKSON, MICHIGAN.

CEMENT SIGN.

SPECIFICATION forming part of Letters Patent No. 744,056, dated November 17, 1903.

Application filed June 29, 1903. Serial No. 163,572. (No model.)

To all whom it may concern:

Be it known that I, ROBERT B. EMERSON, a citizen of the United States, residing at the city of Jackson, in the county of Jackson and State of Michigan, have invented a new and useful Cement Sign, of which the following is a specification.

My invention relates to improvements in signs for street-corners and other places in which a cement base and a cement shaft having the desired lettering are connected together and suitably anchored to prevent removal; and the objects of my invention are to produce a cement sign that shall be low in cost, durable, easily connected, strongly anchored, and shall be an ornament, other objects and advantages being apparent from the following description.

In the drawings forming part of this specification, and in which like letters and figures of reference refer to similar parts, Figure 1 is an elevation of one of my cement signs complete, showing the lettering and anchoring. Fig. 2 is a section view of the same, showing the construction of said cement sign.

In the construction of my said signs I mold from cement or other plastic material a base, as 1, being of any desired shape and preferably made with sloping edges at 2 and an opening in the middle of the upper surface, as 3, having its sides sloping inwardly and being in the shape of a truncated pyramid and adapted to receive the lower extremity of the shaft 10, hereinafter described. Extending from the bottom of said opening entirely through the base is an opening designed to receive the tube 9, hereinafter described, and permit it to extend through said block and project out beneath the same to permit the nut 12 to be screwed thereon against the under surface of the base. For the purpose of anchoring the said block I have molded into the sides of said base the eyebolts 4, having the nuts 5 embedded in said cement or other plastic material to prevent the bolts from being pulled out by the strain and at the outer ends eyes to receive the rings 3. These rings are connected by suitable wires or cables with suitable anchors, as 6, placed at any desired depth in the earth, which hold said signs securely against displacement accidentally or for mischief. The shaft or upright

portion 10 I have also molded of cement or other suitable plastic material with a hollow metal center 9, having pins 11 therein to prevent detachment from said shaft and said hollow tube 9 extending a sufficient distance beneath said shaft to extend entirely through the base, with a thread at its lowermost extremity to receive the nut 12. At the top of said shaft I have molded a circular ornament or other suitable ornament to make the said sign ornamental, and the lower portion thereof I have made rectangular in cross-section for right-angled street-crossings, and it may be made with three or more sides for street-corners having three or more streets diverging, and on each of the said sides, preferably in raised letters, I have indicated the names of the streets crossing at such corners, with the points of the compass and such other information as may be desirable and arrows pointing in the directions desired to direct the public properly. At the lower end of said upright shaft 10 I have tapered it to correspond to the taper of the opening in the base. By this construction the said base and shaft may be made separately and shipped separately to the point where it is to be erected. The parts may then be placed in position with the shaft resting in the opening in the base, and by tightening the nut 12 upon said hollow tube the said shaft and upright may be firmly drawn together. By then properly anchoring the said sign it is firmly placed in position safe against accidental or mischievous removal, and yet at the same time it may be taken apart by removal of the said nut 12 to repair the said sign or to insert a new shaft or to change or alter the signs thereon. It will be apparent that the said sign may be placed entirely on top of the ground or partly below ground, if desired, and that it may be made in the identical shape shown in the drawings, or the shape may be altered for purpose of design, if wished, without departing from the spirit of my said invention. I prefer to construct the said base with the beveled opening therein and the base with a bevel taper thereon to correspond, because by this means I am able to secure a more perfect fit and one less likely to become loose or separated. If desired, cement may be placed around the joint between the said

shaft and the said base to prevent moisture entering between the two and injury to the sign by freezing or other deteriorating effects. I also prefer to construct the said shaft with
5 the hollow tube inside thereof, because this form of construction makes the said shaft more durable and less likely to be broken off or injured by any strain that may be applied thereto, as the hollow tube makes the said
10 shaft more yielding without danger of cracking it. By making the said tube hollow it reduces the weight of said shaft and also reduces the amount of material required to construct it, thus reducing the cost and making
15 it easier to handle without breaking. I also prefer to anchor said sign as shown, as the sign may be made much lighter in weight, making a considerable saving in both expense of material and transportation if held
20 down by means other than its weight.

Having thus described my said invention, what I claim, and desire to secure by Letters Patent, is the following:

A sign for street-corners and other purposes, consisting of a cement base molded
25 from plastic materials, with eyebolts having rings in the eyes thereof embedded in the sides thereof and with an opening at its upper middle portion the sides of which are tapered inwardly and a circular opening extending
30 from said first-named opening to the bottom of said base; an upright shaft also molded of plastic material about a hollow metal core having pins therein; the core extending below the lowermost end of said shaft, and terminating in a thread; the shaft having an
35 ornament at its upper end, and tapered at its lower extremity to conform to the taper of the opening on the base with a nut screwed in the core and against the bottom of the base. 40

In witness whereof I have hereunto set my hand.

ROBERT B. EMERSON.

Witnesses:

W. J. LEVEY,
CHESTER W. BROWN.