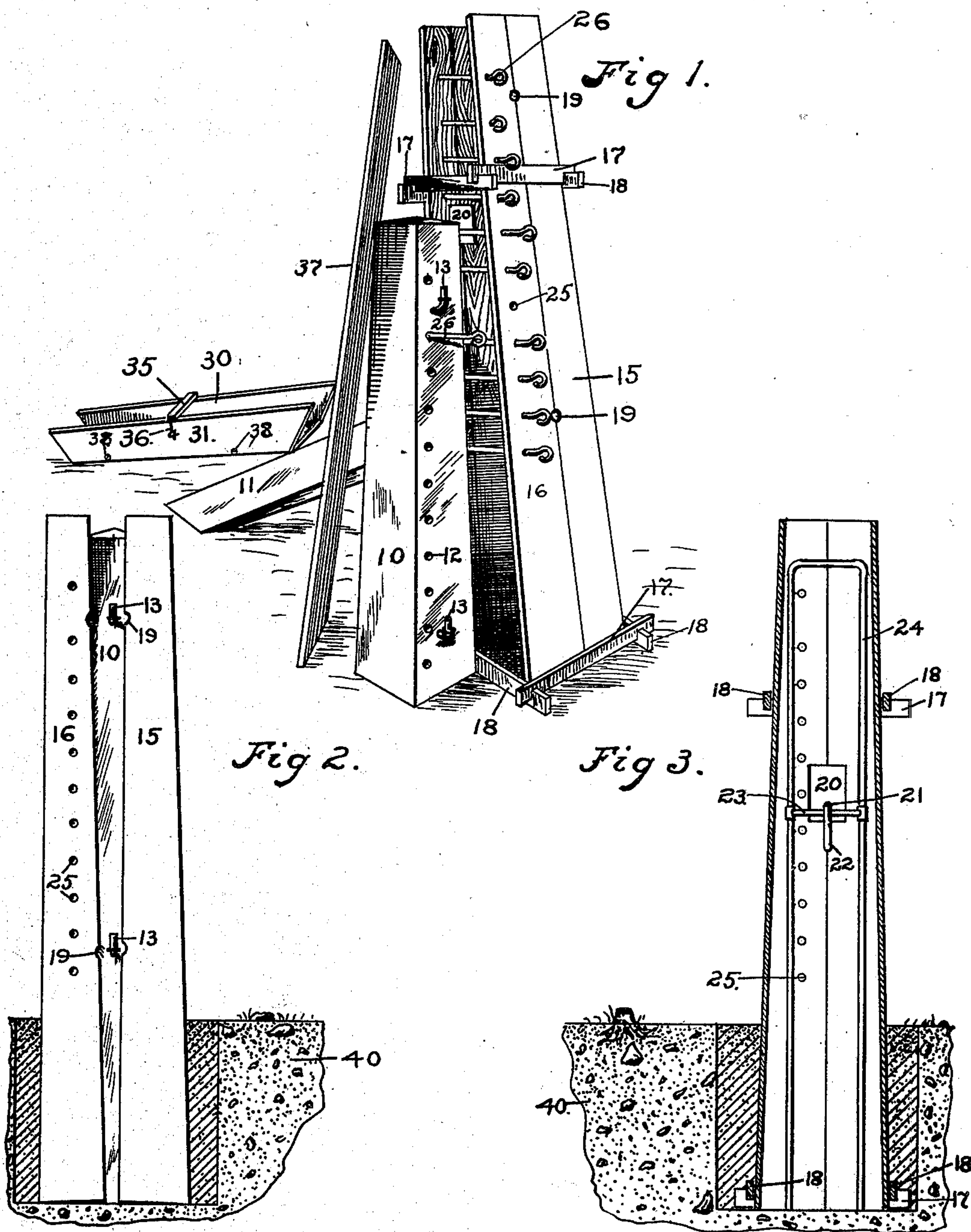


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L. H. STONER.
MOLD FOR CEMENT POSTS.
APPLICATION FILED OCT. 1, 1902.

NO MODEL.



WITNESSES:
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LEWIS H. STONER, OF ALBANY, INDIANA.

MOLD FOR CEMENT POSTS.

SPECIFICATION forming part of Letters Patent No. 723,064, dated March 17, 1903.

Application filed October 1, 1902. Serial No. 125,487. (No model.)

To all whom it may concern:

Be it known that I, LEWIS H. STONER, of Albany, county of Delaware, and State of Indiana, have invented a certain new and useful Mold for Cement Posts; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, in which like figures refer to like parts.

10 The object of this invention is to mold cement posts for fences and the like in the ground at the place for use in an easy, rapid, and economical manner.

15 The mold is so arranged as especially to enable the lower end of the post to be embedded in the ground and the upper part of the post to have transverse holes in it for fence-wires and also gate-brackets. The mold also forms a brace for the post at the same time
20 the post is molded. This mold enables a post and brace to be formed of cement, so that the same will be more economical than a wooden post as well as more durable.

25 The nature of this invention will be understood from the accompanying drawings and the following description and claims.

30 In the drawings, Figure 1 is a perspective of the parts of the mold located adjacent a post that has been molded. Fig. 2 is an elevation of the mold and the post therein with the parts of the mold separated and being removed. Fig. 3 is a central vertical transverse section of the mold in place for molding the post.

35 In detail an anchor-post for a wire fence is shown as having been molded, the same consisting of the post 10 and the brace 11, both formed of cement. The post has transverse holes 12 for fence-wires to pass through.
40 It also has the brackets 13 for hinging a gate, said brackets being molded in the post.

45 The mold consists of practically two boxes, one for the main part of the post and the other for the brace. The former consists of two sections, the half 15 and the half 16, with the side board 37, which latter is united with the half 16 to complete it when the molding is in progress. Said parts are held together by removable cross-bars 17 and 18, that inter-
50 lock. Holes 19 are made at the junction of the two halves of the mold for the gate-hinge brackets 13. This is in the front face of the

mold. In the rear face there is a rectangular hole 20, that registers with the end of the mold for the brace 11, so that the cement will unite through the opening 20 and connect the brace with the post and likewise the reinforcing-pipe 21, which extends longitudinally through the cement brace 11 and through the opening 20 and has a downwardly-turned end 22, that catches over a bar 23 on the metal frame 24, that is placed in the mold for the post, as shown in Fig. 3. The bar 23 holds the reinforcing-pipe 21 in position within the mold for the brace 11.

65 A series of holes 25 are placed in the front and rear walls of the mold for the post, and through said holes iron rods 26 are inserted to form the holes 12 in the post. The ends of the iron rods are looped to enable them to be withdrawn from the cement post before it is set.

70 The mold for the brace is open on the top and has, therefore, two sides 30 and 31 and a bottom. Its upper end is beveled and leans against the rear wall of the mold for the post, while the lower end is placed slightly in the ground to hold it in place during the molding. It is preferably formed by having the side 31 separable from the other parts and connected with them by screws 38. The two sides are held in place by the block 35, which is secured to the side 30 and is fastened to the side 31 by the latch 36.

85 The process of molding the fence-post is as follows: A hole is dug in the ground 40 larger than the base of the post that is to be formed. Then the half 15 of the mold is inserted therein, followed by the half 16, and the whole is secured together by the interlocking pieces 17 and 18. The reinforcing-frame 24 is placed in the mold, as shown in Fig. 3, and against the back of the main mold the brace-mold is leaned, with the lower end embedded in the ground sufficiently to make a cement base for the brace. The rod 21 is placed in the mold and inserted in the large mold with the hooked end resting on the cross-bar 23. The brackets 13 are then inserted in the holes 19 in the mold, and the rods 26 are likewise placed in the holes 25, and then the whole is ready for molding the post. The cement is introduced into the mold when arranged as just described until it is filled and the top

formed as desired. The mold for the brace 11 is then filled with cement and leveled up, which completes the post. The molds are removed by first removing the rods 26, which is done by turning them with a tool and drawing them out. The screws on the mold for the brace are released and the parts of it taken away. Then the interlocking pieces 17 are lifted out of place, whereupon the halves 10 of the main mold may be separated, as shown in Fig. 2, and lifted out of the hole. The hole is then filled, when the construction and setting of the post are finished.

The upper end of the main mold is open 15 and likewise the upper side of the mold-box for the brace for the introduction of cement, so that said molds may be utilized for the molding of a post in the ground.

What I claim as my invention, and desire 20 to secure by Letters Patent, is—

1. A mold for a cement post made in a box-like form in two vertical separable sections with a large opening in the adjacent edges thereof, and a mold-box for a brace with its 25 upper end beveled to rest against said main mold at said opening.

2. A mold for a cement post made in a box-

like form in vertical separable sections with the upper end thereof open for the introduction of cement and with an opening in the adjacent edges of one side, and a mold-box for a brace with one end beveled to rest against said main mold at said opening and with an opening in the top of the mold-box for the brace open for the introduction of cement. 35

3. A mold for a cement post made in a box-like form in vertical separable sections with the upper end open for the introduction of cement and with a large opening in the adjacent edges of said sections on one side, and 40 a mold-box for a brace with one end beveled to rest against said main mold at said opening, and with an opening in the upper side of said mold-box for the introduction of cement, the sides of said mold-box being separable 45 whereby the same may be removed from the brace after it is formed.

In witness whereof I have hereunto affixed my signature in the presence of the witnesses herein named.

LEWIS H. STONER.

Witnesses:

V. H. LOCKWOOD,
NELLIE ALLEMONG.