H. W. UNDERWOOD.

MOLD FOR CEMENT OR CONCRETE FENCE POSTS.

APPLICATION FILED OCT. 22, 1908.

954,830.

Patented Apr. 12, 1910.

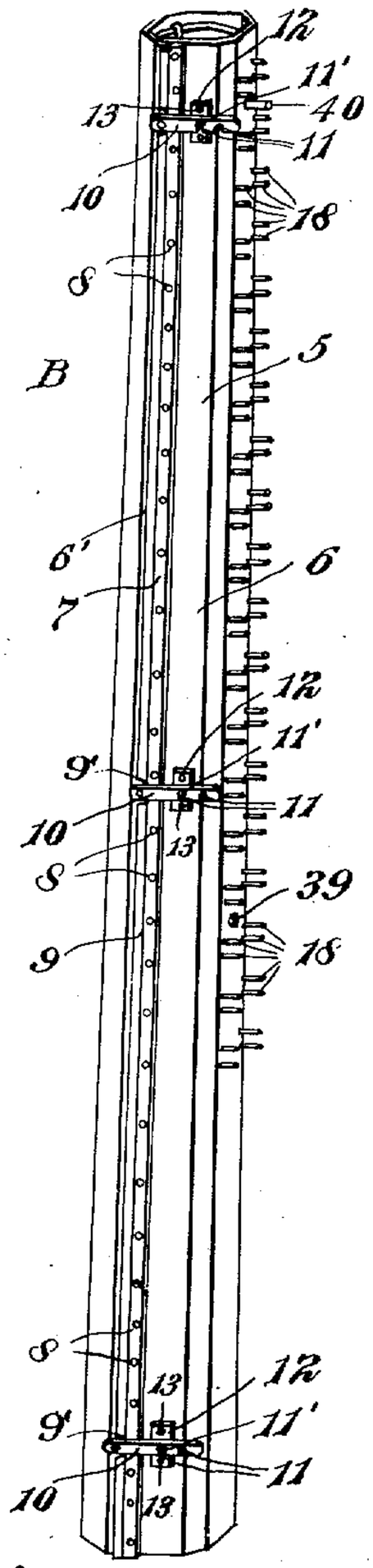

Fig. 1.

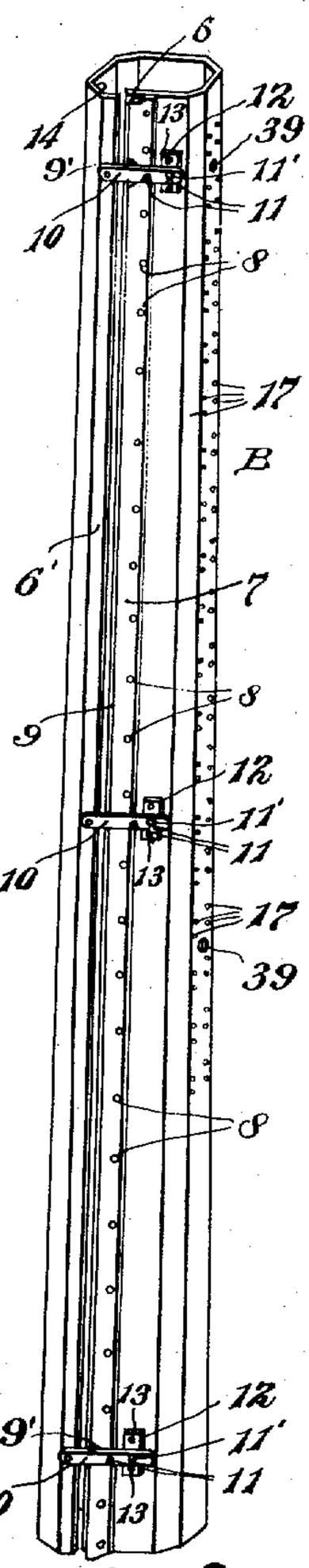

Fig. 2.

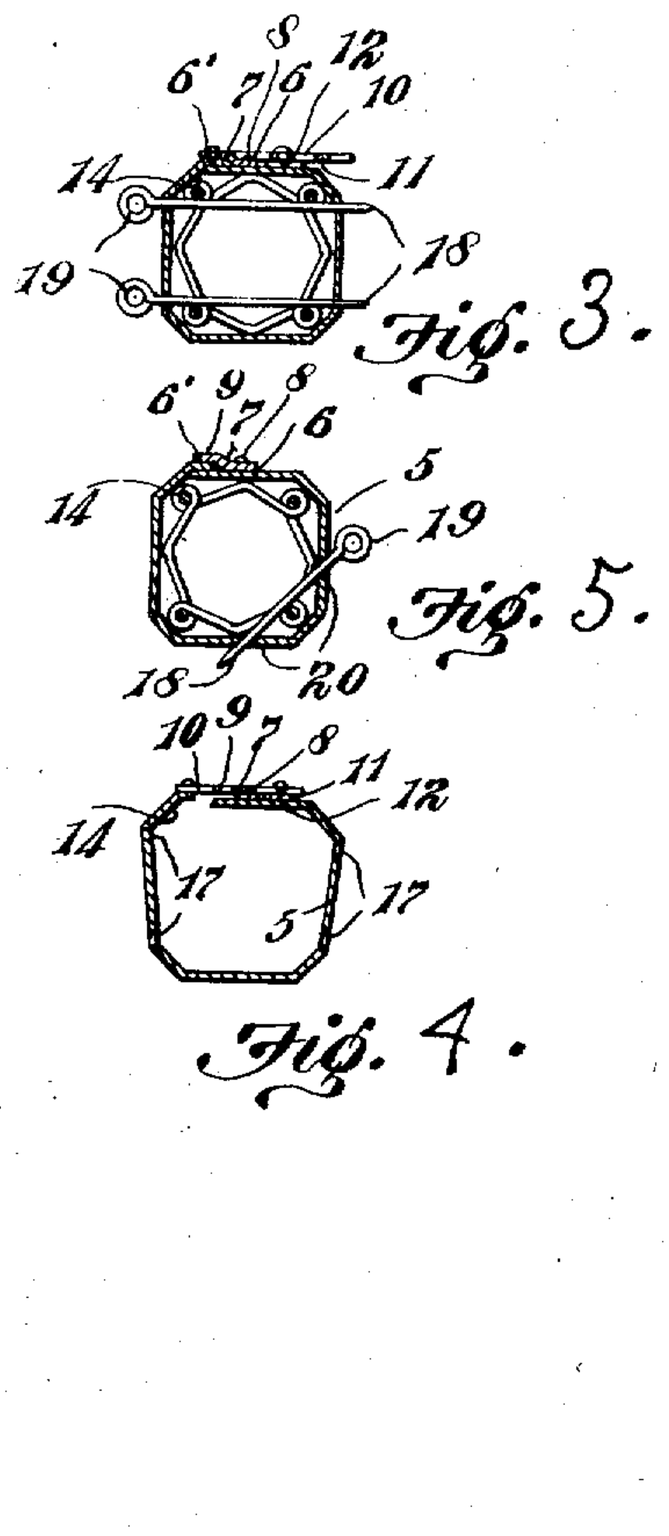

Fig. 3.

Fig. 5.

Fig. 4.

Witnesses:

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UNITED STATES PATENT OFFICE.

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MOLD FOR CEMENT OR CONCRETE FENCE-POSTS.

954,830. Specification of Letters Patent. Patented Apr. 12, 1910.

Application filed October 22, 1908. Serial No. 459,078.

To all whom it may concern:

Be it known that I, HENRY W. UNDERWOOD, a citizen of the United States, residing at Aurora, county of Kane, and State of Illinois, have invented certain new and useful Improvements in Molds for Cement or Concrete Fence-Posts, of which the following is a specification.

My invention relates to improvements in forms for cement or concrete fence posts; and the object of my invention is to provide a mold for readily, easily and quickly forming cement fence posts.

Other objects will appear hereinafter.

My invention will be more readily understood by reference to the accompanying drawings forming a part of this specification and in which—

Figure 1 is a perspective view of a fence post mold embodying my invention in its preferred form and illustrating a wire strengthening frame for the post in position therein, Fig. 2 is a similar view thereof showing the mold in opened position and the wire strengthening frame being removed, Fig. 3 is a cross section of the mold as illustrated in Fig. 1, Fig. 4 is a similar view of the mold as illustrated in Fig. 2, and Fig. 5 is a cross sectional view similar to that illustrated in Fig. 3 and showing a modified form of mold.

Referring now to the drawings B indicates the mold which is of a single piece of galvanized sheet metal 5, the latter being of a resilient character for reasons which will be hereinafter described. Said mold is formed octagonal in cross section and tapering longitudinally, the same being open at both ends. The eight sides of the mold are formed integrally, the contiguous longitudinally extending edges 6 and 6′ of the same being adapted to be overlapped. The edge portion 6 is provided upon its outer surface, close to the edge thereof with a longitudinally extending angular metal strip 7, preferably secured by rivets 8 thereto. Between the off-set edge portion 9 of said strip 7 and the outer surface of the edge portion 6, the edge portion 6′ of the mold is adapted to rest when the device is in use, that is, is in closed position, as clearly shown in Fig. 3. In order to facilitate holding said form in closed position when in use as stated, I provide the edge portion 8′ thereof with a plurality of latch rods 10 pivotally secured thereto and horizontally projecting therefrom. Said latch rods are each provided with a number, preferably two, of notches 11 in its lower edge, said notches being adapted to engage a pin 11 projecting from and formed integrally with a backing 12, the latter being secured as by rivets 13 to the edge portion 6 of the mold. The outer face of the backing 12 is in a plane with the face of the portion 6′ when the mold is closed, and the portion 9 is notched as at 9′ to permit the latches to pass therethrough, see Fig. 2. By this construction the mold B which, because of its resilient character is normally held in an opened position, as shown in Fig. 2 may readily be held in closed position, as shown in Fig. 3. When in the last named position, the edge portion 6 of the mold rests against the obliquely disposed adjacent surface 14 thereof, as clearly shown in Fig. 3, said edge being beveled to insure a snug fit. When about to fill the mold with the plastic cement or concrete, the contiguous edges of the same are forced together, that is, are overlapped as before described and as shown in Fig. 5, the same being latched in position. The plastic cement or concrete which is filled in from the top having set, in order to remove the same, that is the fence post, the latches are disengaged, whereupon the member 5 because of its before mentioned resiliency will open of itself, thereby freeing the post contained within.

In order to provide the fence post with transversely extending wire receiving perforations, I provide opposite sides of the member 5 with a series of perforations 17 preferably arranged in pairs therein, as shown, and for a purpose hereinafter described. Through said perforations are inserted rod members 18, which, after the cement has set are withdrawn thereby obviously forming said transversely extending perforations through the post. Said members 18 are preferably each formed with a loop 19 at one extremity thereof to facilitate readily withdrawing the same from the device. In Fig. 5 is shown a modification of this feature, the rod members 18 in which case are obliquely disposed in the mold the same resting in perforations 20 provided in walls of the mold disposed at right angles to each other, thereby forming obliquely extending perforations in the post, upon the withdrawing of the same.

Having described my invention what I

claim as new and desire to secure by Letters Patent is:

1. A mold of the class described comprising a substantially tubular member formed of sheet material and opened along one side, said member being resilient and adapted to normally stand open, the longitudinal edges thereof being adapted to be overlapped when in position for molding, an angular strip secured adjacent to one edge thereof and adapted to receive the opposite edge, notched latch bars pivotally secured to said other edge, facing members secured to the outer face of said mold adjacent said angular strip, pins projecting from said facing members and adapted to be engaged by said latch bars, and said angular strip being notched or recessed to receive said latch bars, substantially as described.

2. A mold of the class described comprising an octagonal tubular member formed of sheet material and opened along one side, said member being resilient and adapted to normally stand open, the longitudinal edges of said member being adapted to be overlapped when in position for molding and the inner edge being beveled to form a snug joint with the adjacent oblique side, an angular strip secured adjacent to the inner edge of the mold and adapted to receive the outer edge, and means for locking said mold in closed position, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HENRY W. UNDERWOOD.

Witnesses:
GUY UNDERWOOD,
JANET E. HOGAN.