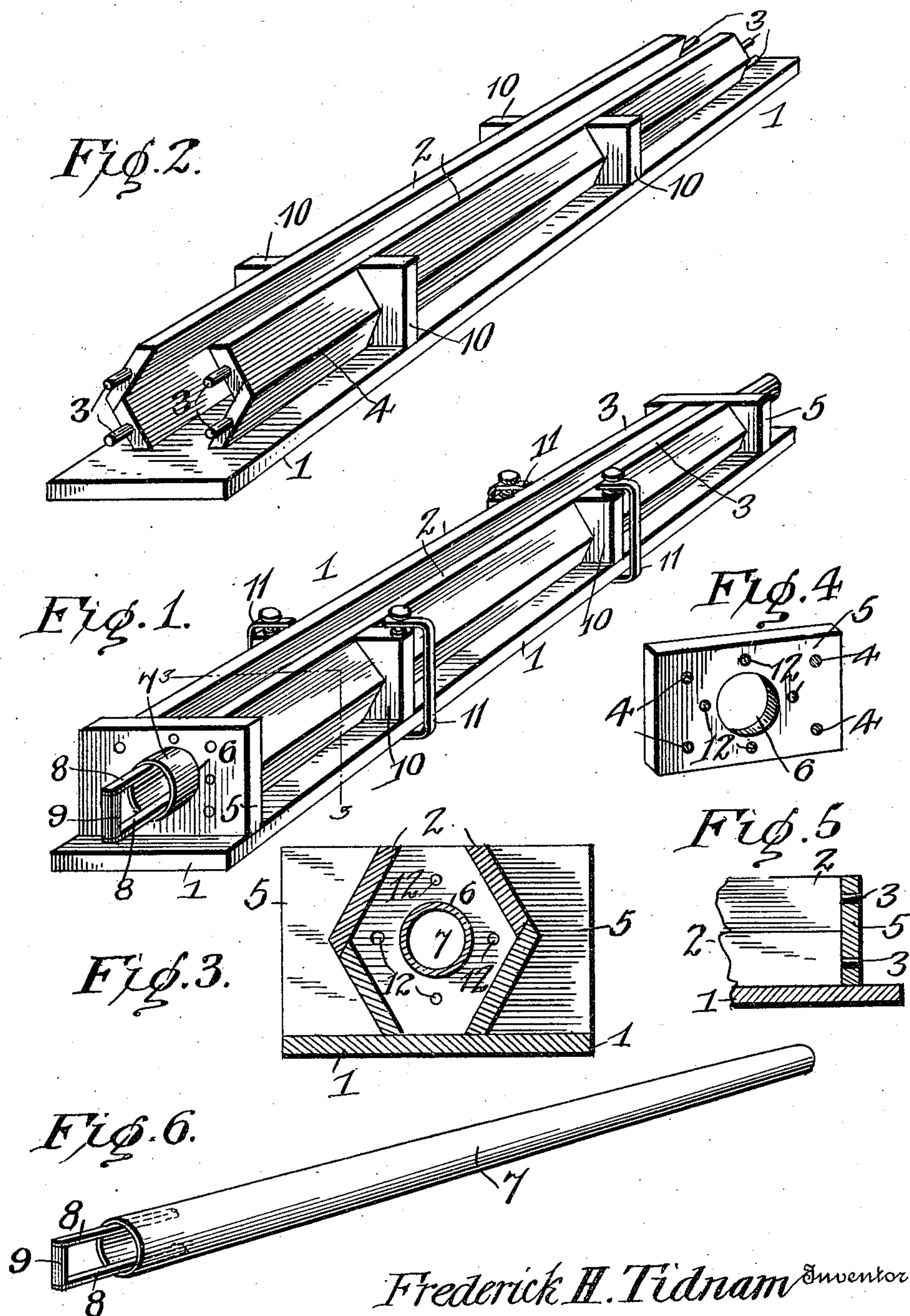


F. H. TIDNAM.  
TELEGRAPH POLE OR FENCE POST MOLD.  
APPLICATION FILED SEPT. 4, 1909.

975,481.

Patented Nov. 15, 1910.



Frederick H. Tidnam *Inventor*

Witnesses

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# UNITED STATES PATENT OFFICE.

FREDERICK H. TIDNAM, OF OKLAHOMA, OKLAHOMA.

TELEGRAPH-POLE OR FENCE-POST MOLD.

975,481.

Specification of Letters Patent.

Patented Nov. 15, 1910.

Application filed September 4, 1909. Serial No. 516,170.

*To all whom it may concern:*

Be it known that I, FREDERICK H. TIDNAM, a citizen of the United States, residing at Oklahoma city, in the county of Oklahoma and State of Oklahoma, have invented certain new and useful Improvements in Telegraph-Pole or Fence-Post Molds, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to molds for posts, poles, and the like, and the principal object of the same is to provide a mold in which the sides and ends of the same may be removed so that the air may have unobstructed flow over and about the formed article so that the drying and hardening of the same will be greatly facilitated.

In carrying out the object of the invention generally stated above it will, of course, be readily understood that the essential features thereof are necessarily susceptible of changes in details and structural arrangements, but a preferred and practical embodiment of the same is shown in the accompanying drawings, wherein—

Figure 1 is a perspective view of the improved mold. Fig. 2 is a similar view, the ends being removed. Fig. 3 is a transverse sectional view taken on the line 3—3, Fig. 1. Fig. 4 is a detail perspective view of one of the ends of the mold. Fig. 5 is a fragmentary vertical sectional view of one corner of the mold. Fig. 6 is a perspective view of the core for the improved mold.

Referring to said drawings by numerals, it will be seen that the improved mold is composed of a flat base or pallet 1, preferably, a board, and which forms a support for the two angle side-members 2. Said side members are of duplicate construction, and may be V-shaped in cross section. The ends of the said sides are provided with dowel pins 3, which are adapted for engagement with openings 4 formed through the end closures 5 of the mold. Said end closures 5 have an enlarged central opening 6 formed through them, said central openings receiving and supporting the end of the tapering cylindrical hollow core 7. Said core 7 is provided at one end with a pair of outstanding, oppositely disposed arms 8, the outer

ends of which are connected by a handgrip 9 by means of which the said core may be handled to remove the same from the mold or place the same therein; the inner ends of the arms 8 overlap the larger end of the core (see dotted lines, Fig. 6).

The sides of the mold are supported in their material shaping position by means of the pressing blocks 10, the inner faces of which are shaped to conform to the exterior faces of said sides, so that said sides and blocks will have a substantially interlocking engagement. Preferably, the said blocks are retained in their supporting position by means of the detachable clamps 11 which engage over the tops of said blocks and under the base board 1.

The end closures 5 of the mold are provided with openings 12, which surround the central opening 6, and form the supports for the ends of the wires used to reinforce the posts or poles being formed in the mold.

With the parts of the invention in position, shown in Fig. 1, it will be seen that when the plastic material is placed therein and smoothed off at the top evenly with the top edges of the sides, said material will readily assume the shape of the mold, and after being allowed to set, the ends 5 and core 7 may be removed therefrom, after which the sides 2 are removed so as to leave the post resting on the base board or pallet, and said sides, ends and core may be used in connection with another base board or pallet to form another post or pole, thereby greatly economizing in molds. Obviously, the drying and hardening of the article left on the base board is greatly facilitated by reason of the fact that the air has an unobstructed passage over, about, and through the same. It will also be understood that by shaping the side members so that they will have a V-shape in cross section, the same may be nested together to economize in space for storage or shipment.

What I claim is:

In a post mold, a pallet, a pair of mold sides each comprising a pair of strips extending longitudinally of the pallet and arranged at an angle to each other, said strips tapering from one end to the other and being loosely supported on said pallet, said

strips further being of uniform thickness  
throughout whereby the exterior and inte-  
rior angles are equal, pairs of freely movable  
supporting blocks each having an edge  
5 formed with a reëntrant angle corresponding  
to the angle of the strips, and clamps secur-  
ing said blocks on said pallet.

In testimony whereof I hereunto affix my  
signature in presence of two witnesses.

FREDERICK H. TIDNAM.

Witnesses:

F. A. WHITTEN,  
CHAS. W. YORK.