

J. N. ERIXON.

MOLD.

APPLICATION FILED APR. 21, 1908.

939,819.

Patented Nov. 9, 1909.

Fig. 1.

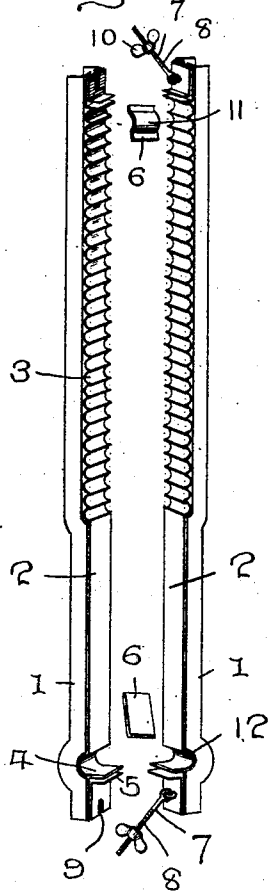


Fig. 2.

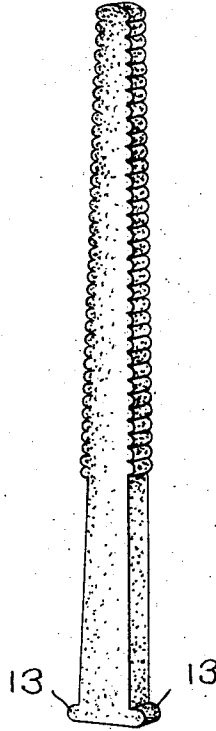
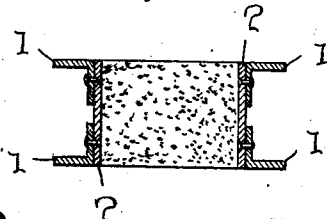


Fig. 3.



WITNESSES:

Thos. W. Riley
W. C. Lawson

INVENTOR
J. N. Erixon

BY *W. J. Fitzgerald & Co.*
Attorneys

UNITED STATES PATENT OFFICE.

JOHN N. ERIXON, OF CONCORD, ILLINOIS.

MOLD.

939,819.

Specification of Letters Patent.

Patented Nov. 9, 1909.

Application filed April 21, 1908. Serial No. 428,323.

To all whom it may concern:

Be it known that I, JOHN N. ERIXON, a citizen of the United States, residing at Concord, in the county of Morgan and State of Illinois, have invented certain new and useful Improvements in Molds; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to new and useful improvements in molds and has relation more particularly to molds designed to be employed in the forming of plastic fence posts and it is an object of the invention to provide a novel device of this character comprising two sections, which may be readily connected one with the other.

It is also an object of the invention to provide a novel device of this character provided with suitable corrugations, whereby a fence post can be formed to which any kind of wire fence may be readily attached.

It is also an object of the invention to provide a novel device of this character, which will be simple in construction, efficient in practice and comparatively inexpensive to manufacture.

With the above and other objects in view, the invention consists in the novel arrangement and combination of parts and in the details of construction, to be hereinafter referred to.

In describing the invention in detail, reference will be had to the accompanying drawings forming part of this specification, wherein like characters of reference denote corresponding parts in the several views, and in which,

Figure 1 is a perspective view of the invention with the several parts shown in operative position. Fig. 2 is a view in perspective of a post formed by the mold. Fig. 3 is a cross sectional view of the mold when in operative position.

In the accompanying drawings illustrating the preferred embodiment of my invention, are angle irons 1 of suitable length and outline and suitably separated from each other, each two upon one side being connected together by a plate 2, to which they are permanently secured or riveted, a portion of each of said plates being provided with corrugations, which may be of such size or width and depth preferable in

practice. It may be stated that two of the angle bars 1 and their connecting plate 2 with requisite attached end pieces, form a mold section. Said angle bars 1 may be given any suitable configuration according to the design it may be desired to impart to the post formation.

At each end of each plate 2 is secured an L-shaped plate 4, the function of which will presently be apparent. Also, the plates 2 are provided near, what may be termed, their lower ends, for convenience of this description, approximately U-shaped formations 12, with one arm of the U, however, of each of the latter, extending beyond the plate and arranged a short interval from the corresponding arm of each of the angle plates 4 at that end of each plate member 2, thus forming a space 5 between the same for the reception of one end plate 6 of the mold. The plates 2 near their opposite ends have the terminal of the corrugations 3 thereof adapted to form with the end plates 4, also spaces corresponding to the spaces 5 above noted for the reception of an end plate 6 having a central outward curved portion 11, the same being adapted to form the upper end of the post formation.

Pivotaly carried by one of the plates 4 of each pair thereof, is a rod 7, having its free end portion threaded, as at 8. The threaded portion of each of the rods is adapted to pass within the recess 9 formed in the ends of the plates 4. This engagement is effected after the end plates 6 have been properly applied. The threaded portion 8 is engaged by a wing nut 10, which will clamp the parts of the mold in operative position. It might be well to state that other forms of clamping or securing means may be employed in lieu of the rod 7 and its intimate parts, that will be found to work successfully.

When the parts have been assembled, they are placed upon a suitable board or pallet and the cement or other plastic material is tamped to produce the post, such as is disclosed in Fig. 2.

It is to be understood that the present post can be, if desired, reinforced with suitable bars and that the bars are properly positioned within the mold before the material is tamped.

I claim:

A mold for plastic fence posts, comprising opposed members, each consisting of a lateral plate and right angled plates, one

arm of each of said right-angled plates being applied to the outer surface of each lateral plate near the longitudinal edges of such plate, each of said lateral plates having
5 a right-line plane surface for a portion of its length, the greater portion of said plate being formed with a series of closely arranged notches of curvilinear outline, said notches facing inwardly, the lower ends of
10 said lateral plates being provided with approximately U-shaped formations, additional L-shaped plates applied to said lateral plates, one arm of each of said L-shaped plates being arranged opposite to and spaced
15 off from one arm of each of said U-shaped formations, an end plate received within the spaces thus provided between said U-shaped formations and said L-shaped plates, additional L-shaped plates applied to said lateral
20 plates at the opposite ends of the latter, one

arm of each of said last referred to L-shaped plates being spaced off from the terminal of each of the notched portions of the lateral plates, an additional end plate adapted to be received within the spaces formed by the
25 latter L-shaped and the notched portions of said lateral plates, and means of fastening, said fastening means including nut-equipped screw-threaded rods said rods being pivotally connected to the L-shaped end plates of
30 one of said lateral members and received in notches in the L-shaped plates of the opposed lateral member.

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

JOHN N. ERIXON.

Witnesses:

ELI BIRCH,

JAMES DETRICK.