S. W. LOOMIS.

FENCE POST.

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962,905.

Patented June 28, 1910.

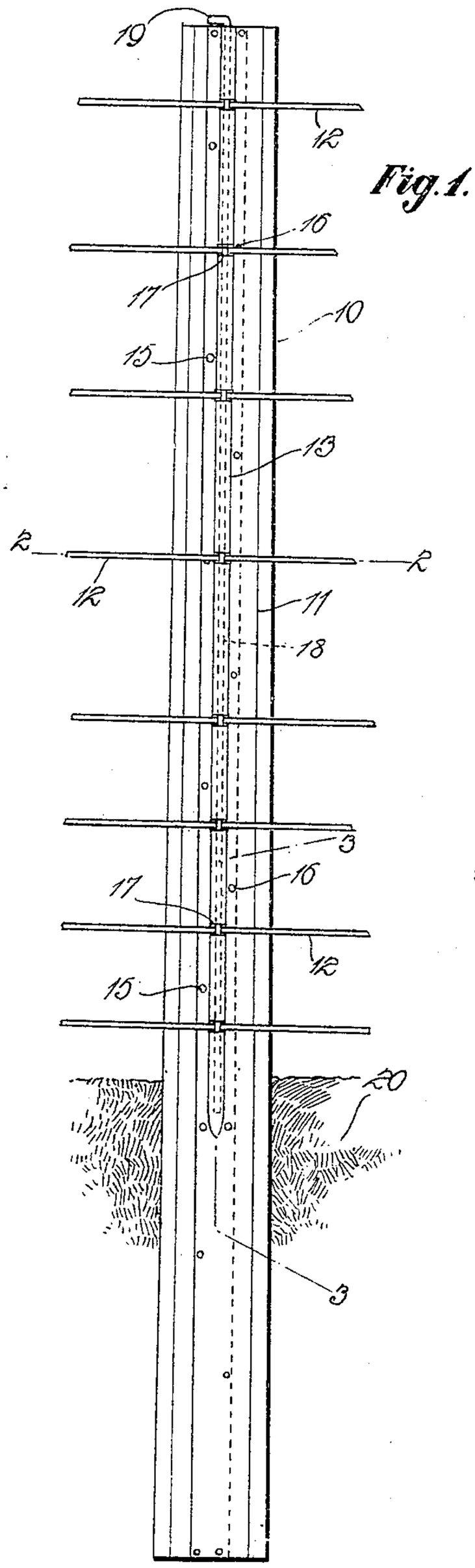


Fig. 1.

Fig. 2.

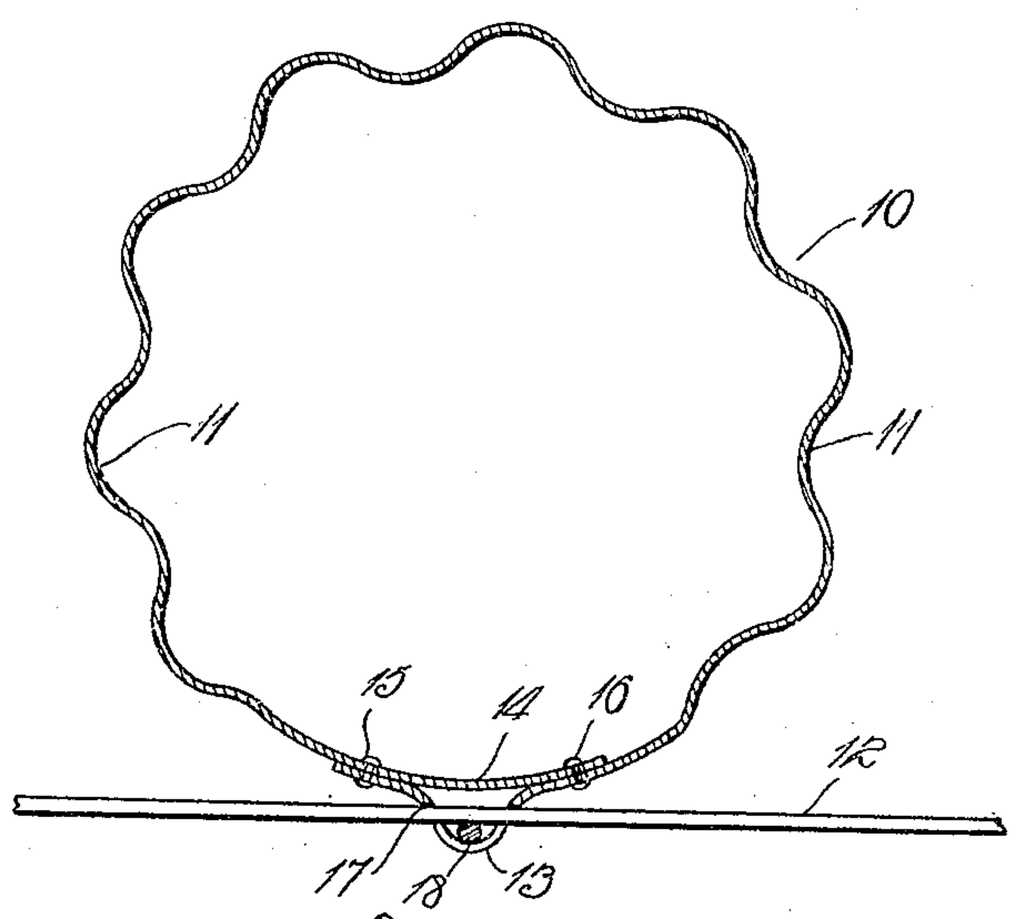
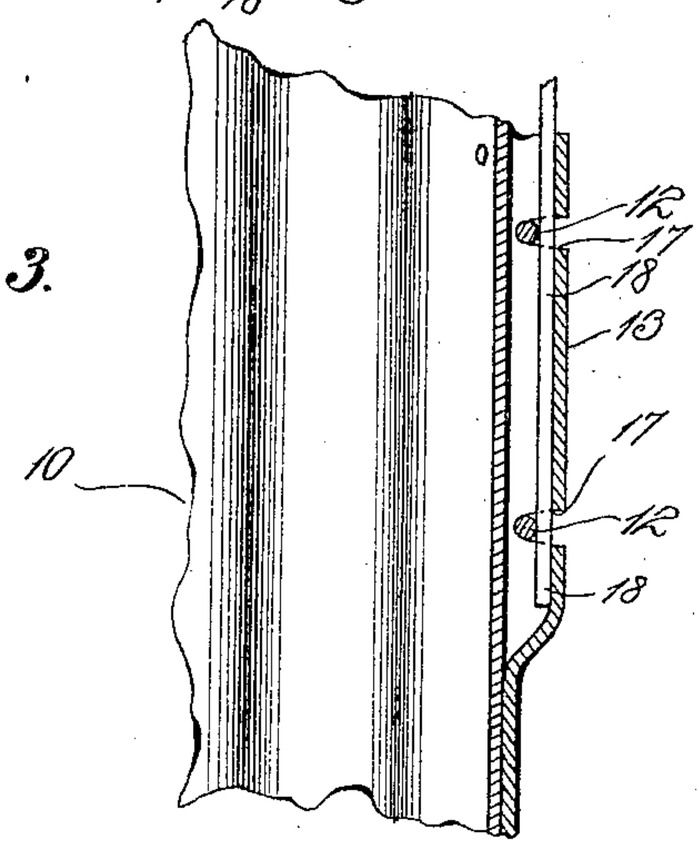


Fig. 3.



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UNITED STATES PATENT OFFICE.

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FENCE-POST.

962,905. Specification of Letters Patent. **Patented June 28, 1910.**

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To all whom it may concern:

Be it known that I, SIDNEY W. LOOMIS, a citizen of the United States, residing at Sioux Falls, in the county of Minnehaha, State of South Dakota, have invented certain new and useful Improvements in Fence-Posts; 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 fence posts, more particularly to the class of tubular fence posts, and has for one of its objects to provide a simply constructed sheet metal fence post, preferably corrugated longitudinally, and with means for securing the fence elements thereto.

With this and other objects in view, the invention consists in certain novel features of construction as hereafter shown and described and then specifically pointed out in the claims, and in the drawings illustrative of the preferred embodiment of the invention, Figure 1 is a side elevation of one of the improved posts, with the fence elements connected thereto. Fig. 2 is a section, enlarged, on the line 2—2 of Fig. 1. Fig. 3 is a sectional detail, enlarged, on the line 3—3 of Fig. 1, illustrating the construction more fully.

The improved device is formed from sheet metal, preferably galvanized to prevent corrosion, and also preferably corrugated longitudinally, as shown. The body of the post is indicated as a whole at 10 with the corrugations at 11.

The post may be of any required size and of any required length, and of any suitable gage of sheet metal, and it is not desired therefore to limit the invention to any specific size of post or to posts employed for any specific purpose.

The improved post may be employed for supporting fences of various construction, but for the purpose of illustration is shown applied to an ordinary wire fence including longitudinal strand wires, represented at 12.

In constructing the improved post a plate of sheet metal is bent into the shape shown in Fig. 2 with longitudinally extending corrugations and embracing the major portion of the post and with the sheet at one edge left without the corrugations as shown at 14. The opposite edge of the sheet is formed for a portion of its length into a smaller corrugation 13 spaced a short distance from the adjacent edge of the plate and riveted at 15—16 to the uncorrugated portion 14. By this means a strengthening rib is formed upon the post structure throughout the major portion of its length, as shown in Fig. 1. By this means the post structure is completed, and the parts rigidly supported and connected.

Formed through the rib portion 13 at intervals corresponding to the locations of the strand wires 12 are transverse slots or openings 17, to receive the strand wires, as shown. The slots 17 will be of sufficient depth so that when the strand wires are inserted a sufficient space is left between the strand wires and the outer portion of the rib to receive a binding wire or rod 18, which is inserted downwardly within the rib, and externally of the various strand wires. At its upper end the rod 18 is bent outwardly as shown at 19, to bear upon the end of the rib, and thus limit the downwardly directed movement of the rod. The rib portion 13 will not extend generally below the ground line represented at 20, but the overlapping edges of the post below the ground line will be merely riveted together, as shown.

By this simple means it will be obvious that a simply constructed, strong and durable post is produced, which will firmly support the strand wires in position, and from which they will not become detached accidentally, while at the same time one or more of the strand wires may be readily detached by simply withdrawing the rod 18—19.

Ordinary fence posts are about six feet in length and about three and one-half inches in diameter, but these dimensions may be varied as required.

What is claimed is:—

1. A fence post comprising a tubular sheet metal body formed in longitudinally extending corrugations and overlapping at the edges, and fastening means between the side edges of the corrugation which is located at one edge of the body and the opposite edge of the body, whereby a longitudinal outwardly directed rib is formed at one side of the post structure, said rib having a plurality of transverse slots spaced apart and adapted to receive the fence elements.

2. A fence post comprising a tubular

sheet metal body formed in longitudinally extending corrugations and overlapping at the edges, fastening means between the side edges of the corrugation which is located at one edge of the body and the opposite edge of the body, whereby a longitudinal outwardly directed rib is formed at one side of the post structure, said rib having a plurality of transverse slots spaced apart and adapted to receive the fence elements, and a holding member inserted within said rib and adapted to support the fence elements therein.

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

SIDNEY W. LOOMIS.

Witnesses:
V. A. Barnes,
A. E. Loomis.