T. W. WRIGHT.

POST FOR FENCING AND THE LIKE.

APPLICATION FILED JAN. 27, 1913.

1,081,077. Patented Dec. 9, 1913.

Fig. 1.

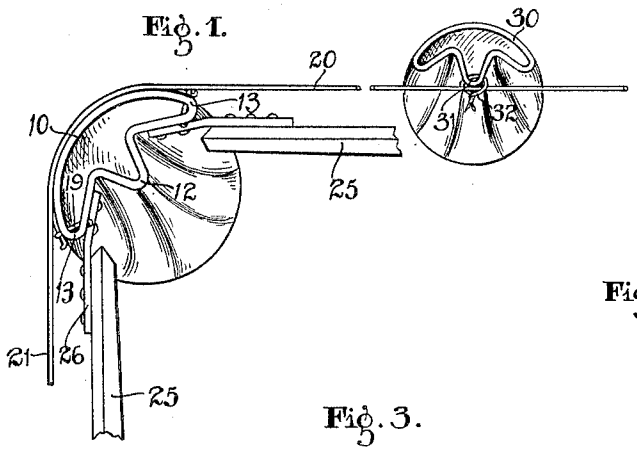


Fig. 2.

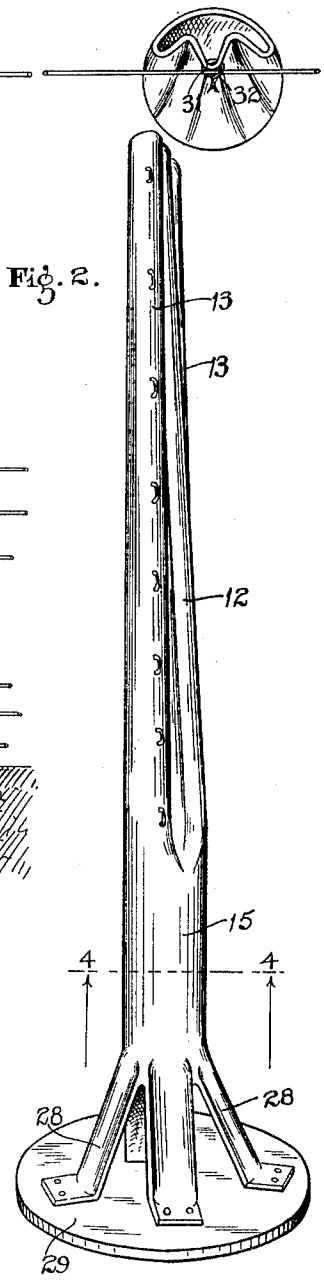


Fig. 3.

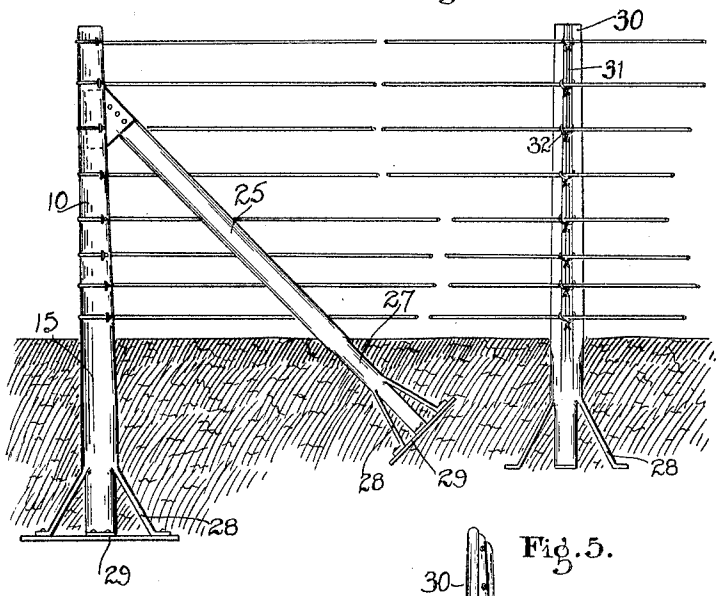


Fig. 4.

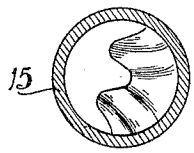
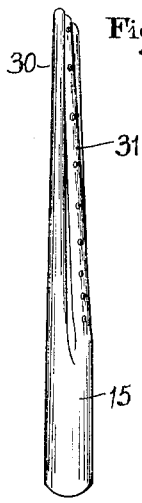


Fig. 5.



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POST FOR FENCING AND THE LIKE.

1,081,077. Specification of Letters Patent. Patented Dec. 9, 1913.

Application filed January 27, 1913. Serial No. 744,439.

To all whom it may concern:

Be it known that I, THOMAS W. WRIGHT, a citizen of the United States, and a resident of Anderson, county of Madison, and State of Indiana, have invented a certain new and useful Post for Fencing and the like; 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 letters refer to like parts.

The object of this invention is to provide an improved construction of posts suitable for fencing and the like by utilizing metal tubes in the formation of the posts.

Heretofore old boiler tubing has been almost a waste product as it cannot very well be remelted and used in that way, because of the large deposit of lime in the tubes, and one object of this invention is to utilize this by-product. For corner posts I use old stationary boiler tubes, and for line posts locomotive boiler tubes, as will hereafter more fully appear.

The nature of the invention will be understood from the following description and claim and the accompanying drawings.

In the drawings, Figure 1 is a plan view of a corner post and some fencing extending therefrom with two line posts, parts being broken away. Fig. 2 is a perspective view of a corner post. Fig. 3 is a side elevation of a portion of the fence shown in Fig. 1 with the corner post and line post, the earth being shown in vertical section. Fig. 4 is a section on the line 4—4 of Fig. 2. Fig. 5 is a perspective view of a modified form of a line post.

For corner posts I take old stationary boiler tubes which are four inches in diameter, say, and cut them into suitable lengths for posts, about eight feet, and then form the sections as shown in Fig. 2. The upper part of the post and major portion thereof is left on one side 10 with its original curvature, extending for about 120 degrees or one-third of the circumference of the tube, and the opposite side of the tube is rolled into the form shown in Figs. 1 and 2 so as to have two creases or depressions 11 extending longitudinally of the tube and forming thereby a rib between said creases and also a rib on each side of the creases. Thus three ribs are formed on the rear side of the post as seen in Fig. 1, a central rib 12 and lateral ribs 13. The curved portion 10 constitutes one side of each lateral rib, the creases 11 gradually diminish in depth as they progress downward until they vanish at a point about five feet below the top of the post, as shown, and below said ribbed portion of the post there is a cylindrical or circular portion 15, being a section of the tube left in its original condition and below the cylindrical portion 15, at the lower end of the post, the tube is longitudinally split to form longitudinal sections 16. These extend for about a foot or more in length and the lower ends are bent laterally and secured to a base plate 17 or brace of any kind which is united to all of the sections or legs 16. These legs 16, therefore, are spread and extend at an inclination, as shown in Fig. 2, so as to form a suitable base for the post. The base portion of the post as a whole includes the circular portion 15, the legs 16 and the base plate 17. Each rib 12 has a number of elongated holes or slots 18 in it for the insertion of staples or fasteners 19 for uniting the wires 20 and 21 with the post. The end of the wire 20 extends entirely around the curved portion 10 of the post and is secured to the remote rib 13. The wire 21 extends in the opposite direction around the curved portion of the post to the opposite rib 13. Therefore, each fence wire 20 extends over and has bearing on the entire curvature 10 of the post.

The post is braced by the braces 25, which at their upper ends may be united to the post by connecting plates 26, or in any other manner or by any other means desired. These braces 25 are preferably formed of cast-away locomotive boiler tubes which are formed preferably as in the manner described in my application for Letters Patent on posts, Serial Number 744,438, filed January 27, 1913. In making these braces 25 the upper portions are rolled into angular form and cross section, and the intermediate portion 27 is cylindrical, being an unchanged portion of the tube, and the base is formed by splitting and spreading to make the legs 28, and they are secured to a base plate 29. In other words, the lower part of the braces 25 is formed exactly as the post shown in Fig. 2, but the upper portion may be formed in any way so as to make it angular and thus increase the strength of the base. In practice the braces 25 are made in the same way that I make the line posts, so that I merely use a couple of the line posts to brace the corner posts, all of the

posts and braces being made of cast-off boiler tubes, if desired.

The line posts 30 are formed of smaller tubes such as sections of locomotive boiler tubes, and they are in the same form as the corner posts just described, and made in the same way with the exception that the cylindrical portion of the line post is not as long as in the corner post, the line post being preferably seven feet long instead of eight feet long. And the line post is provided with a series of perforations 31 in the intermediate rib 12 instead of the lateral ribs 13, so that the fence wire 20 can be attached to the ribbed side of the line post by staples or fasteners 32 made in any form desired. The base of the line post may be formed like the base of the corner post with braces 25, or like the line post shown in Fig. 3 without any base plate 29, or like the modified form shown in Fig. 5, wherein the base is not split and spread but is tubular and unchanged in form from the original form of the tube.

I claim as my invention:

A hollow metal post with the lower portion thereof cylindrical and with the portion above the lower portion provided with one side curved transversely and the opposite side having a plurality of longitudinal ribs, the creases between said ribs diminishing from the upper end of the post downward until they vanish into the cylindrical portion of the post.

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

THOMAS W. WRIGHT.

Witnesses:
J. H. WELLS,
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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."