

No. 820,319.

PATENTED MAY 8, 1906

L. C. SHARP.
METALLIC POST.

APPLICATION FILED MAR. 24, 1905.

Fig. 1

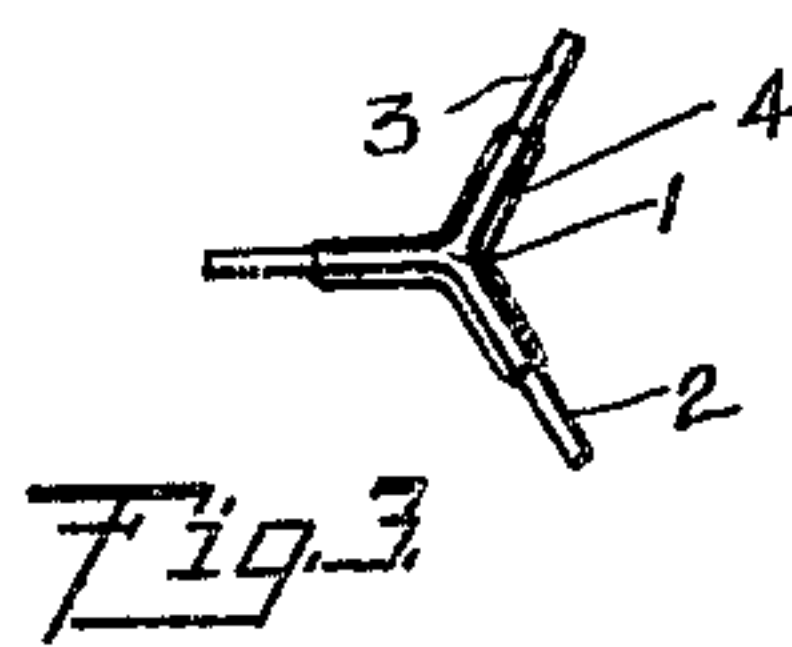
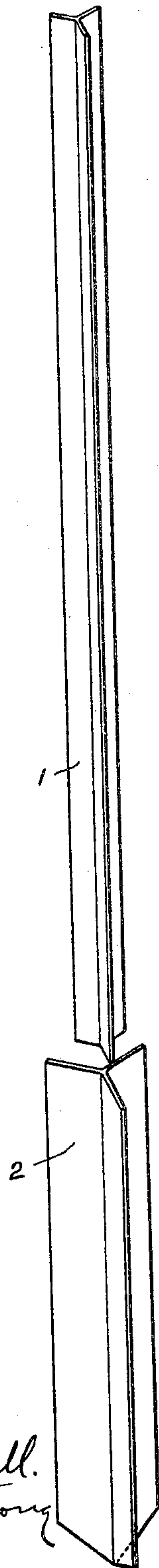


Fig. 3

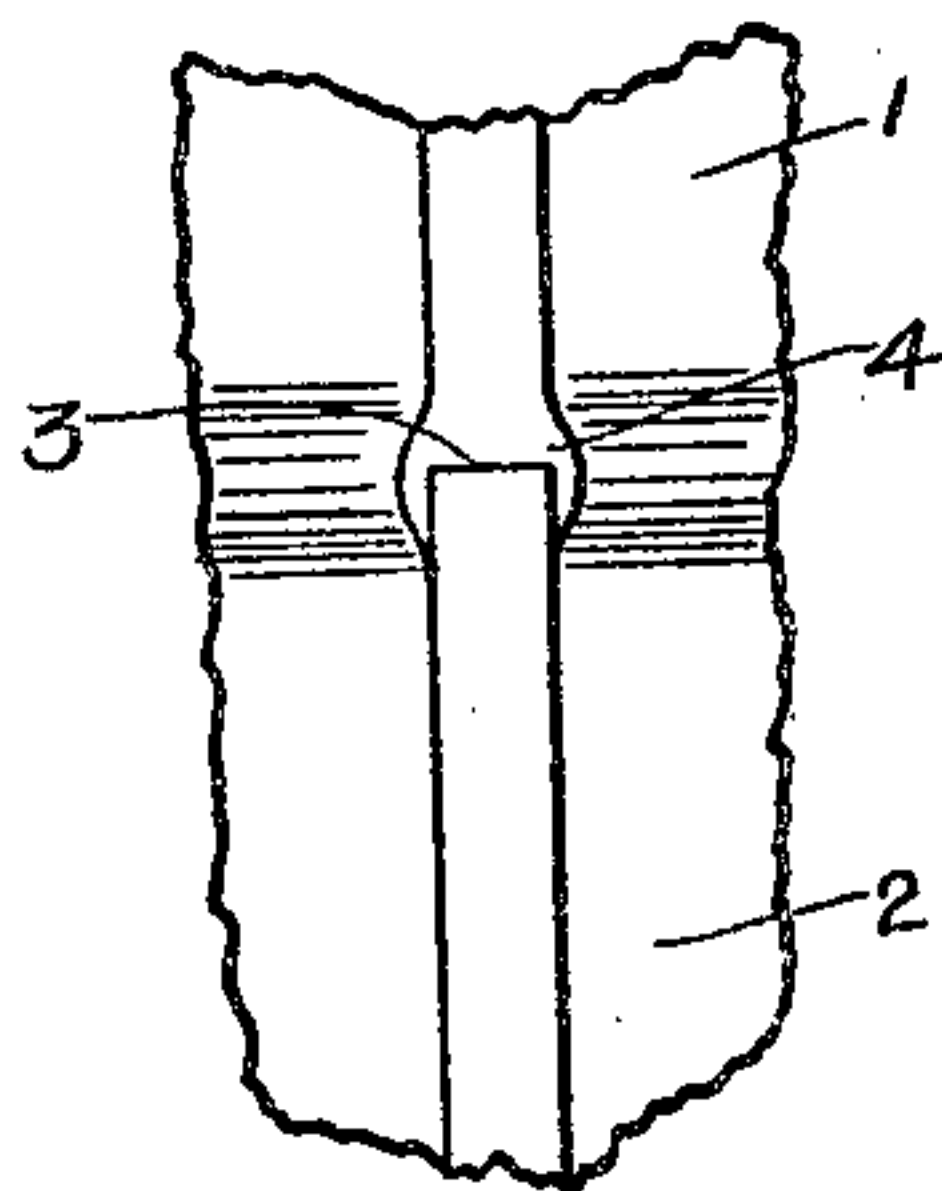
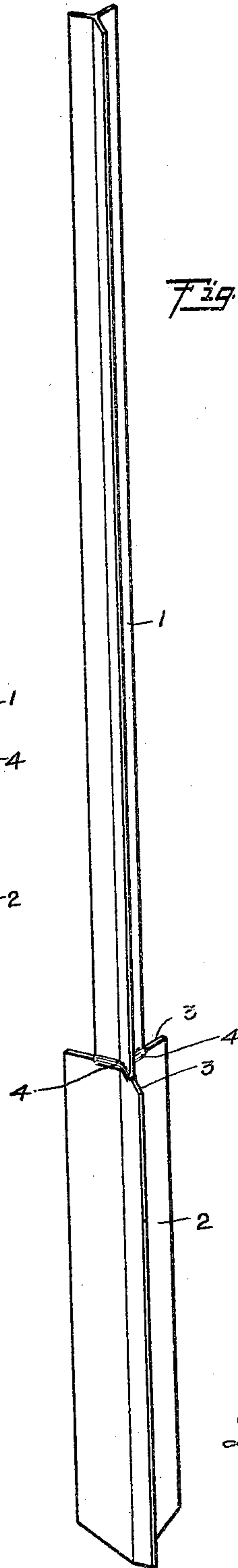


Fig. 4

Fig. 2



Witnesses
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UNITED STATES PATENT OFFICE.

LEE C. SHARP, OF OMAHA, NEBRASKA.

METALLIC POST.

No. 820,319.

Specification of Letters Patent.

Patented May 8, 1906.

Application filed March 24, 1905. Serial No. 251,905.

To all whom it may concern:

Be it known that I, LEE C. SHARP, a citizen of the United States, residing at Omaha, in the county of Douglas and State of Nebraska, have invented certain new and useful Improvements in Metallic Posts, of which the following is a specification.

My invention relates to metallic posts formed from rolled-metal sections; and it is the object thereof to provide in a post of this class a form involving the use of a minimum amount of material in securing the needed strength in the post, having an enlarged ground-engaging or base portion, having means adapting the same to be driven into the ground, and combining with the foregoing the advantages of requiring a small amount of labor and handling and of avoiding waste of material in the manufacture thereof.

In the accompanying drawings I have shown a construction embodying my invention, in which—

Figure 1 is a perspective view of the rolled sections from which the post is made, said sections being in position ready to be joined together. Fig. 2 is a view of the completed post. Fig. 3 is a plan view of the same; and Fig. 4 is a detail edge view of one of the wings of the completed post, showing the enlargement at the point of juncture between the two rolled sections from which the post is formed.

In the construction shown the post is formed from the rolled metal Y-sections 1 and 2, the section 1 forming the upper portion of the post and the section 2 forming the enlarged base or ground-engaging portion of the post. The thickness of the wings of the two sections is substantially the same; but the wings of the section 2 are of greater radial length than those of the section 1, so that when the sections are joined a portion of said wings form shoulders 3, adapting the post to be driven into the ground in the manner described in my Patent No. 784,437, issued March 7, 1905.

The two sections forming the post are preferably joined by welding, thus forming an in-

tegral body of metal. The well-known electric-welding processes are particularly adaptable to use for this purpose. When the sections are welded together, it is possible with the same operation to cause a slight upsetting of the ends of the sections at the weld, and I prefer to so upset the said ends, thus forming the enlargement or swelling 4 at the point of juncture between the sections and giving a slightly-greater body of metal at that part of the post which must resist the greatest stress in use.

It will be apparent to those skilled in the arts involved in the manufacture of this post that the sections 1 and 2 may be rolled in suitable sizes and lengths such that the length of sections needed to form the post may be cut therefrom without waste, the only other operation required to complete the post being the welding of the sections.

While I have shown a post formed from Y-sections, such construction being preferable in most instances, it will be obvious that my invention may apply to a post formed from sections of any form comprising a plurality of wings extending radially from a common center.

Now, having described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

A metallic fence-post made up of a vertically-flanged base and a vertically-flanged post abutted therewith, the flanges of the posts being upset at their lower end throughout their width to form swellings and oppositely-disposed lips for engagement upon the sides of the corresponding flanges of the base, the upsetting of the post-flanges being done while the base and post are in abutting relation to effect a permanent connection therebetween.

In testimony whereof I have hereunto subscribed my name in the presence of two witnesses.

LEE C. SHARP.

Witnesses:

D. O. BARNELL,
J. G. ARMSTRONG.