S. MILLER.

METALLIC FENCE-POST.

No. 192,779. Patented July 3, 1877.

Fig 1

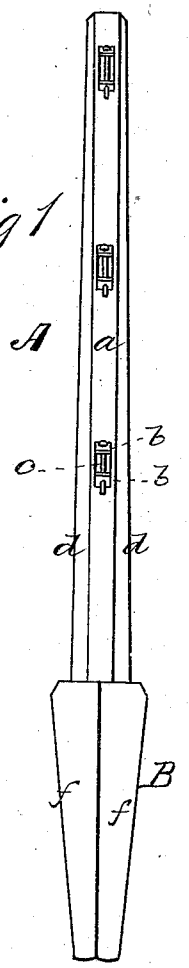


Fig 2

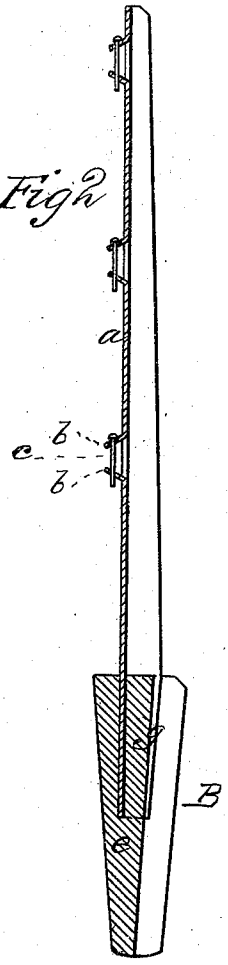
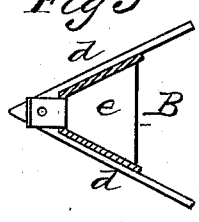


Fig 3



WITNESSES

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SAMUEL MILLER, OF LAMOILLE, IOWA.

IMPROVEMENT IN METALLIC FENCE-POSTS.

Specification forming part of Letters Patent No. **192,779**, dated July 3, 1877; application filed May 19, 1877.

To all whom it may concern:

Be it known that I, SAMUEL MILLER, of Lamoille, in the county of Marshall and State of Iowa, have invented a new and valuable Improvement in Fence-Posts; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a front view of my improved post. Fig. 2 is a vertical section thereof; and Fig. 3 is a cross-sectional view of the same.

This invention has relation to iron fence-posts; and it consists in the construction and novel arrangement of the iron top portion or stem having the holding-lugs formed out of the metal, and the cast-iron base connected to said top or stem, as hereinafter shown and described.

In the accompanying drawings, the letter A represents the wrought-iron stem or post proper, which is formed of thin metal, so bent that it shall have an angular convex profile in cross-section. The middle face *a* is usually selected for the bearing-face, but one of the sides or flanges may be used, if thought desirable. The bearing-face is provided with catches or holding-lugs for the fence-wires by punching out the metal of the post so that it will stand at an angle therewith. In the construction illustrated in the drawings the catches are formed by punching the lugs *b b* opposite each other, perforating them, and providing fastening-pins *c* to be inserted through the perforations.

The lateral faces or side flanges *d* are set back from the middle face in an oblique manner, so that they will flare open toward the rear from the middle face at a considerable angle. This construction is designed to give sufficient bracing strength to the comparatively thin metal of which this part of the post is constructed. Usually this wrought metal portion is tapered upward from the base, the flanges being made wider below than above.

B indicates the cast-iron stub or base, having a solid center, *e*, and thin diverging flanges *f* extending from the angles thereof, at about equal distances from each other. Three flanges are preferred when arranged as indicated, as they correspond in position with the form of the post proper, and afford a sufficient support in the ground.

An extension, *g*, at the lower end of the stem A is designed to be seated in the stub or base B and secured therein, preferably by casting the stub around the extension. Sometimes the post may be made all of cast-iron.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A wrought-iron fence-post, having a catch or holder punched out of the body of the post, and provided with the fastening-pin *c*, substantially as specified.

2. The fence-post described, consisting of the cast-iron base B, having diverging flanges, and the iron stem A, formed of thin metal and having a vertical central bearing-face, *a*, provided with holding-lugs and flaring side flanges *d*, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

SAMUEL MILLER.

Witnesses:

DELOS ARNOLD,

J. B. STATLER.