No. 638,583. Patented Dec. 5, 1899.

O. M. KNOX.

METAL BASE FOR FENCE POSTS.

(Application filed July 22, 1899.)

(No Model.)

Fig. 1.

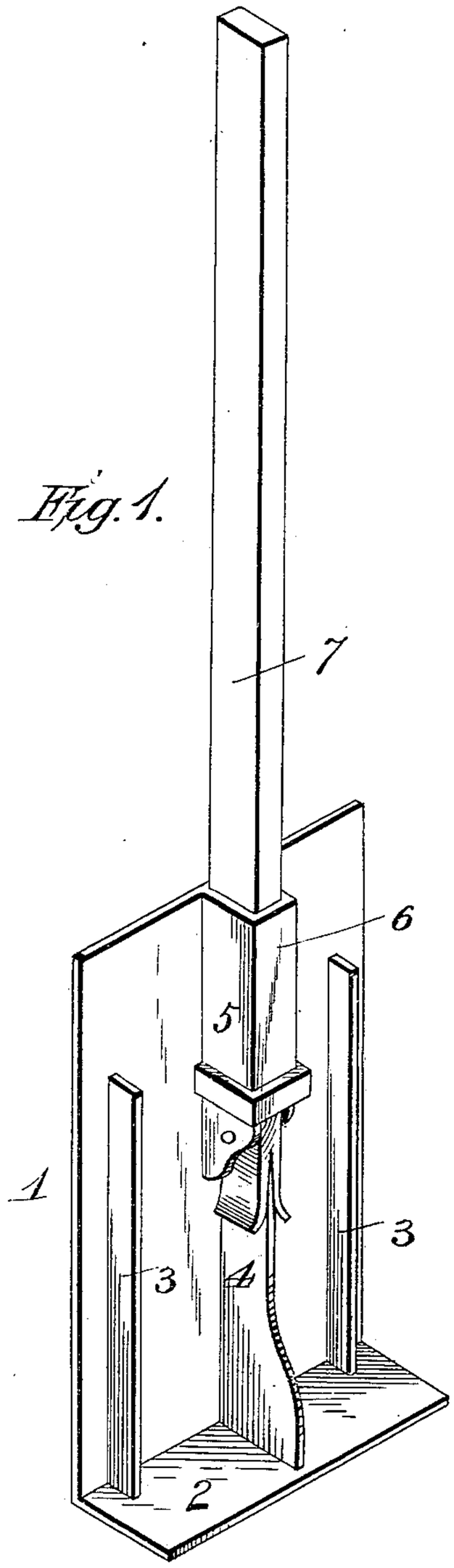
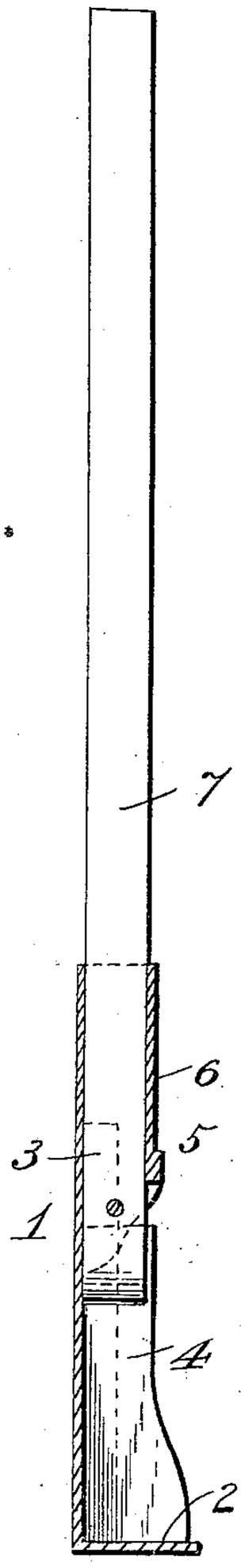


Fig. 2.



WITNESSES:

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METAL BASE FOR FENCE-POSTS.

SPECIFICATION forming part of Letters Patent No. 638,583, dated December 5, 1899.

Application filed July 22, 1899. Serial No. 724,785. (No model.)

To all whom it may concern:

Be it known that I, ORVILLE M. KNOX, a citizen of the United States, residing at Oneida, in the county of Madison and State of New York, have invented new and useful Improvements in Metal Bases for Fence-Posts, of which the following is a specification.

My invention relates to metal bases for fence-posts; and its object is to provide an improved construction of the same, whereby when the base is set in the ground there will be no liability of its being displaced and whereby also the post can be securely held in position.

The invention consists in the novel construction and combination of parts hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of a metallic fence-post and base therefor constructed in accordance with my invention. Fig. 2 is a central vertical section of the same.

In the said drawings the reference-numeral 1 designates the base, consisting of a metallic casting comprising a vertical rectangular plate formed at the bottom with a flange 2 at a right angle thereto, the purpose of which is to prevent heaving of the casting by frost. The said casting is also formed with two side flanges 3 and a central flange 4, the lower ends of which are connected with the flange 2. Also formed integral with said base is a core 5, consisting of a rectangular tube 6, in which is adapted to fit one end of a correspondingly-formed wooden fence-post 7, the lower end of which extends beyond the end of the core, as seen in Fig. 1. Said end is formed with a transverse hole, through which is driven a strong spike for the purpose of holding the post in place in the core. The upper end of flange 4 is sharpened so that as the post is driven through the core it will engage with the lower end and split and spread the same outwardly, thus securely holding the post in place.

In practice the base-post is inserted in the core and the spike driven through the hole in the lower end of the post. The base is now set in the ground and earth tamped around the same. The flange in the lower end of the base will hold the latter in a vertical position and prevent the same from heaving or being thrown out of its vertical plane through frost or other causes. The vertical center and side flanges add to the strength of the base, so that while it will be very economical to manufacture it will be exceedingly strong and durable.

Having thus fully described my invention, what I claim is—

1. The combination with the metal base comprising the vertical portion, the flange at the lower end thereof and the center and side flanges, the central flange having a sharpened upper end and the core having a rectangular bore, of the correspondingly-shaped post inserted in said core with its lower end extending below said core and formed with a hole and the spike driven through said hole, substantially as described.

2. The combination with the metal base comprising the vertical portion, the flange at the lower end thereof, the side flanges, the central flange having a sharpened upper end, and the core having an angular bore, of the fence-post, the lower end of which extends through said bore and is engaged with said sharpened end of the central flange, substantially as described.

3. As an improved article, a metallic base for a fence-post comprising the vertical portion, the flange at the lower end of the same, the side and central flanges terminating below the upper end of the vertical portion, the central flange having a sharpened upper end and the central core extending from the upper end of said vertical portion to near the upper end of the central flange, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

ORVILLE M. KNOX.

Witnesses:
N. P. DODGE,
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