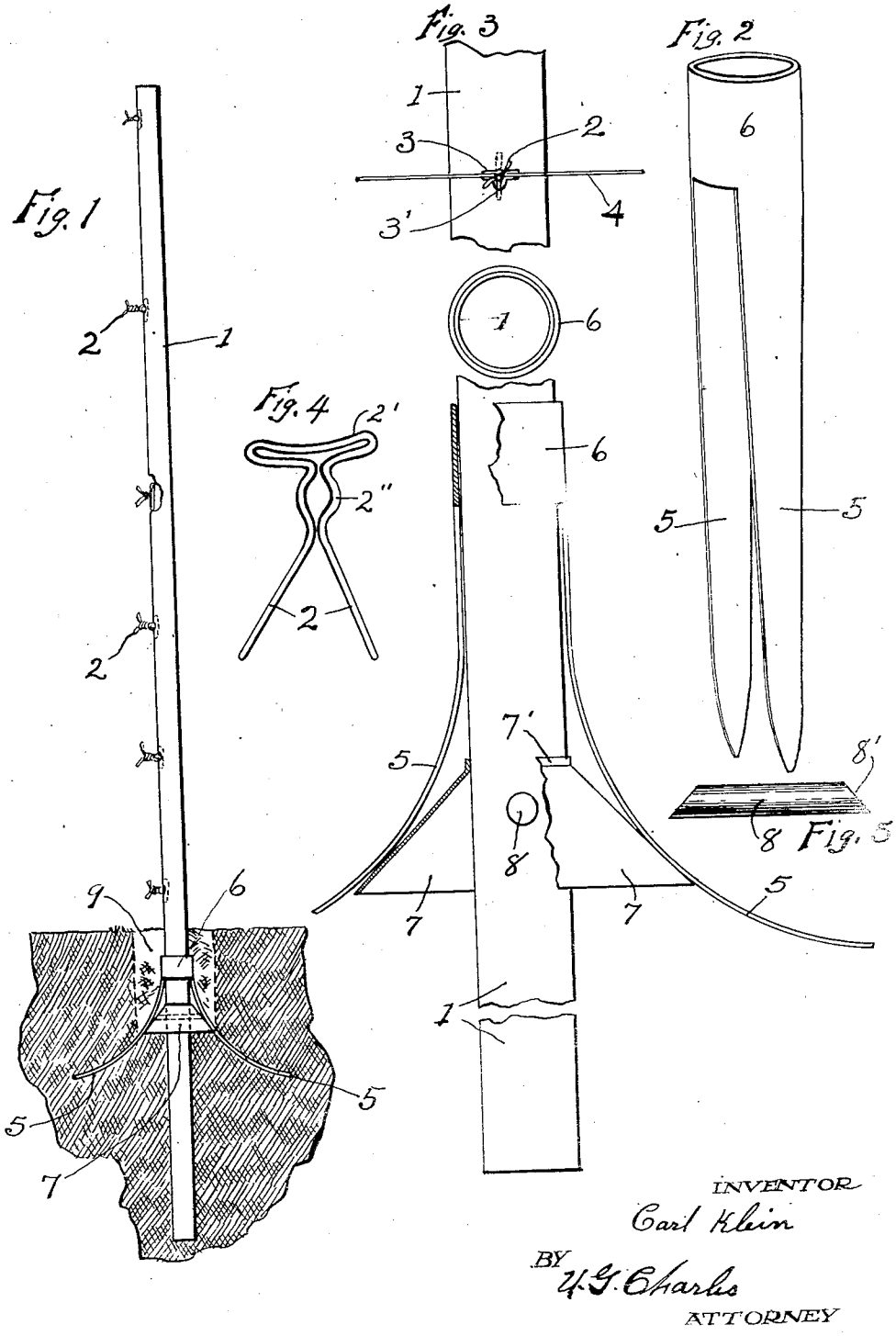
C. KLEIN.

METALLIC FENCEPOST.

APPLICATION FILED AUG. 7, 1919.

1,351,912.

Patented Sept. 7, 1920.




INVENTOR

Carl Klein

BY H. G. Charles

ATTORNEY

# UNITED STATES PATENT OFFICE.

CARL KLEIN, OF WICHITA, KANSAS.

## METALLIC FENCEPOST.

1,351,912. Specification of Letters Patent. Patented Sept. 7, 1920.

Application filed August 7, 1919. Serial No. 315,868.

*To all whom it may concern:*

Be it known that I, CARL KLEIN, a citizen of the United States of America, and resident of Wichita, in the county of Sedgwick and State of Kansas, have invented certain new and useful Improvements in Metallic Fenceposts, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to metallic fence posts of the kind employed in wire fence construction. The invention is directed rather to a novel form of anchoring device for anchoring the post in the ground, than to the structure of the post itself. This anchoring device is attachable to any metallic fence post that has a uniform diameter, regardless of the sectional shape of such post.

Referring to the accompanying sheet of drawings—Figure 1 is an elevational view of my improved fence post as planted in the ground after the anchoring device has been expanded to its final position. Fig. 2 is a detail view of the preferred construction for the anchoring member. Fig. 3 is a broken detail view showing parts of a post in elevation, the anchor member in section, and the spreader partly in section; also a piece of fence wire as tied to the post. Fig. 4 is a detail view of one of the wire ties. Fig. 5 is a detail view of a cotter-pin seen in Fig. 3.

In Figs. 1 and 3, 1 designates a fence post of the kind best adapted for use with my invention, this post being simply a length of iron tubing. Such post is prepared for the wire ties, 2, by having the required number of slots 3 cut therein. Each slot 3 has a central enlargement 3′ at one side, as shown at upper portion of Fig. 3. The foot 2′ of the tie 2 is inserted through the slot 3, then turned at right angles thereto. The eye 2″ then seats in part 3′ of the slot. The fence wire 4 is slipped into the eye 2″ and the ends of the tie are twisted together. This form of fastening means is not an essential feature of the invention, but is described because shown on the drawing.

The anchoring member (Fig. 2) consists of a sheet-metal stamping formed with two or more long symmetrical prongs 5 and a sleeve portion 6 which unites the prongs. Said sleeve portion is dimensioned to pass freely over the post 1. The prongs are normally parallel to each other, as seen in Fig. 2.

At 7 is shown a truncated cone of sheet metal sleeved around the tubular post 1 and spaced thereon a desired distance up from the bottom or driving end of said post. This cone is adapted to act as a spreader as later described and is fixedly attached to the tubular post 1 against movement thereon by means of a cotter pin 8, the ends 8′ of which are chamfered as shown in order to form surface bearings between the pin 8 and part 7. This conical spreader 7 thus provides an open bottom or guard.

At the point where a post is to be driven, a hole 9 is bored in the ground, of larger diameter than the part 7 and as deep as thought necessary. The tubular driving end of the post is now centered in the hole 9 and the post driven down until the guard of cone 7 bottoms on the floor of the hole 9; the penetration of the tubular post 1 is thus limited as to depth by the distance upwardly on said post that the sleeved conical spreader is fixedly situated. The anchor-piece 5—6 is then driven down by means of a suitable tool or tools. During this operation, the prongs 5 will be bent outwardly and driven into the soil, assuming about the angles shown in Fig. 1. The anchorage is thus completed. Then the hole 9 is filled up. Forces tending to pull the post upward, will cause the spreader 7 to bear upward against the prongs 5, which are held against any upward movement short of tearing up the earth.

Having described my invention, I claim as new and desire to secure by Letters Patent:—

In combination as a self anchoring fence post, a tubular post having a truncated sheet metal cone fixedly sleeved around said post at a distance from the lower driving end of said post; a tubular sleeve, slidably mounted around said post and above said cone, provided with depending flexible prongs extending downwardly along said

tubular post; the lower driving end of said post being adapted to be centered in a post hole and to be then driven down until said cone bottoms on the floor of such hole and the said tubular sleeve upon then being driven down, the depending prongs will contact said cone and be forced outwardly to an anchorage in the ground, all in the manner and for the purposes as specified.

CARL KLEIN.

Witnesses:
NELLIE M. PORTER,
W. A. NETHERCOT.