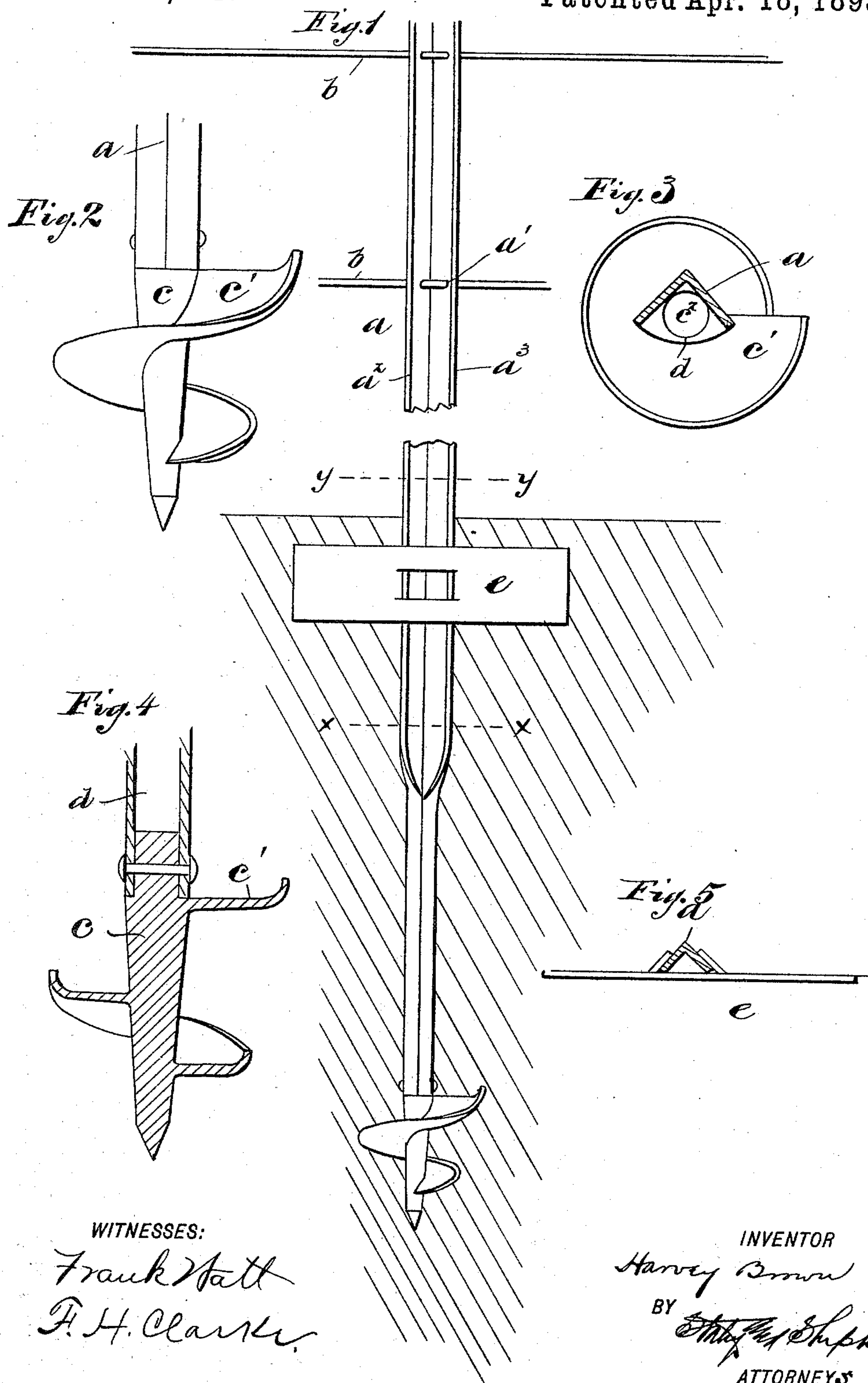


(No Model.)

H. BROWN.
FENCE POST.

No. 495,471.

Patented Apr. 18, 1893.



WITNESSES:

Frank Hatt
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BY

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UNITED STATES PATENT OFFICE.

HARVEY BROWN, OF BRANDT, ASSIGNOR TO W. K. CLYNE, OF TROY, OHIO.

FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 495,471, dated April 18, 1893.

Application filed September 10, 1891. Serial No. 405,356. (No model.)

To all whom it may concern:

Be it known that I, HARVEY BROWN, a citizen of the United States, residing at Brandt, in the county of Miami and State of Ohio, have invented certain new and useful Improvements in Fence-Posts, of which the following is a specification.

My invention relates to a new and useful metallic fence post, and my invention consists in the various constructions hereinafter described and set forth in the claim.

In the accompanying drawings which form a part of this specification Figure 1, is an elevation view partly broken away of a fence post embodying my invention. Fig. 2, is an enlarged elevation of the bottom of a screw point thereto. Fig. 3, is a transverse sectional view on the line xx , of Fig. 1. Fig. 4 is a sectional elevation view on the line yy in Fig. 1. Like parts are represented by similar letters of reference in the several views.

In the accompanying drawings a , represents the post proper, preferably formed of angle iron and provided with suitable openings a' , to receive the fence wires b , the post being especially adapted for wire fences or at least for fences in which the principal supports are formed of wire.

In order that the posts may be readily inserted in the ground, and also to provide against the loosening or withdrawing of the post by the upward strain of the wires in passing over rolling country or for other reasons, I provide a screw-threaded point c , secured to the end of the post and provided with one or one and a half turns of a screw-flange c' , formed concave or saucer shaped in cross section.

To provide for readily attaching the point c , and at the same time to prevent the boring of a larger hole than is adapted to receive the metallic portion of the post, I form the part of said post where it joins the metallic point of a substantially circular form by bending the wings a^2 a^3 of the angle iron, forming the post, as shown in Figs. 1 and 3, so as to be substantially circular in form and to provide a socket d , adapted to receive the

end of the screw-threaded point c , which is turned down to form a stem c^2 , as shown, to fit in said pocket.

On the body of the post I provide a projecting flange e , formed of any suitable metal and adapted to fit over the projecting wings of the angle iron, as shown in Figs. 1 and 5. In placing these posts a slight opening is made in the ground by a pointed bar or otherwise and the screw-threaded point inserted. The post is then turned until the screw-threaded point has carried it down into the ground to the desired point, after which the flange e , is driven into the surface of the ground and holds the post in a well known manner.

By the use of the screw-threaded point c , the post may be readily placed into the ground, and at the same time by using only a few threads the ground may be backed firmly over the screw-flanges, and is not broken by the vibrations in the post as would be the case where the same threads are extended over all that portion of the post inserted in the ground. The formation of the post of angle iron with inturned wings, as described, and a socket into which the screw-threaded point may be readily inserted for attachment also produces a substantially circular form to the post which fits snugly in the opening formed thereby, as the post is inserted without reaming the hole to the extent that would be done were the angle iron continued in the usual form to the point where it joins the screw-threaded portion. It will be seen that an anchor is thus secured at the bottom of the post where it is most desired, while the rounded portion together with the projecting flange firmly braces said post against all strains in whatsoever direction. By forming the screw-flanges c' , of a concave or saucer shape in cross section, said flanges are adapted to more securely anchor said posts by engaging more firmly in the ground when an upward strain is applied thereto, at the same time this point causes the post to more readily enter the ground.

In the drawings and description I have

illustrated angle iron as being the best adapted for carrying out my invention, as it is the preferable form of iron to be used.

Having thus described my invention, I
5 claim—

A fence post of angle iron with the sides of its lower portion closed together so as to form a tubular socket in combination with a screw-threaded anchor provided with a shank

adapted to fit the lower end of said socket and to be secured thereto, substantially as specified.

In testimony whereof I have hereunto set my hand this 27th day of August, A. D. 1891.

HARVEY BROWN.

Witnesses:

HIRAM BROWN,
MAUD BROWN.