

(No Model.)

N. A. HAVEN.

FENCE POST.

No. 266,817.

Patented Oct. 31, 1882.

Fig 1

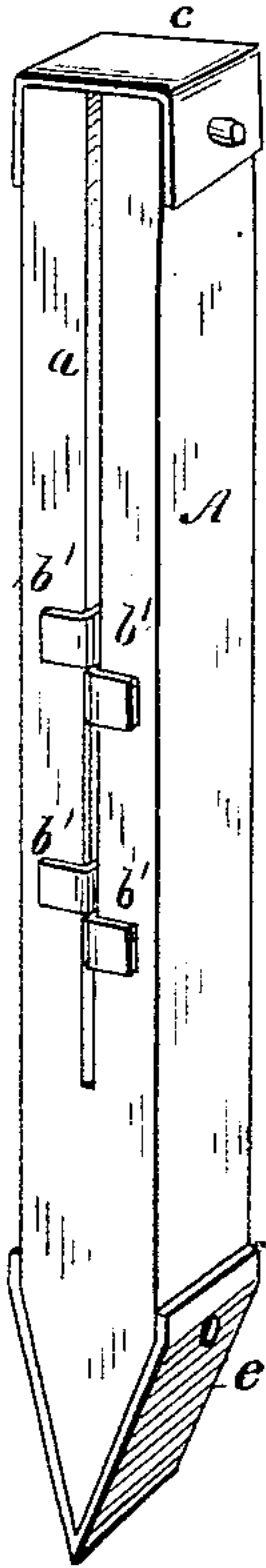


Fig 2

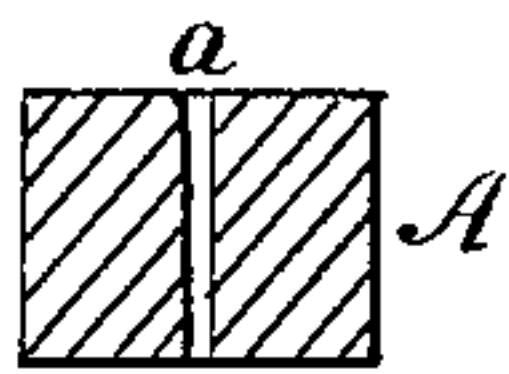


Fig 3

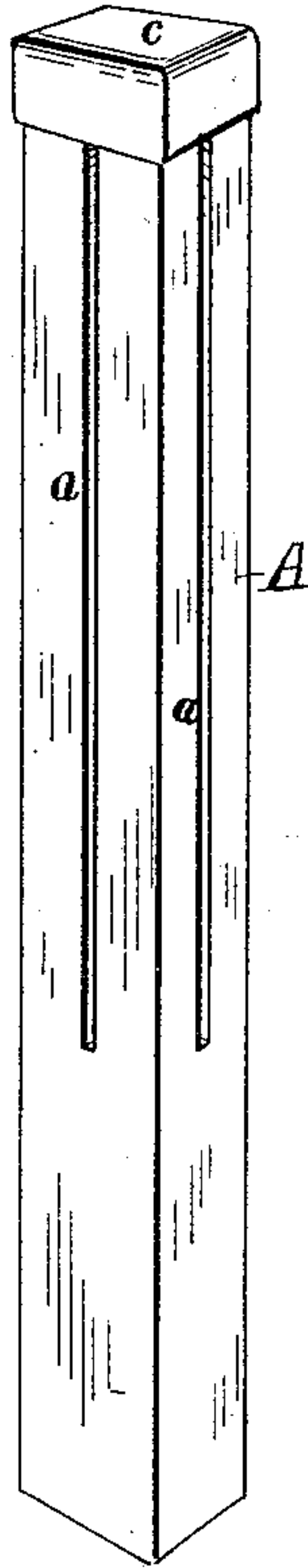


Fig 4

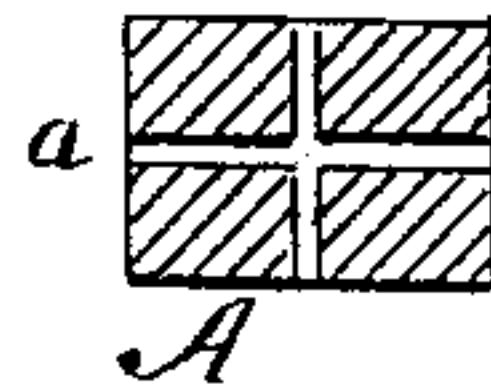


Fig 7

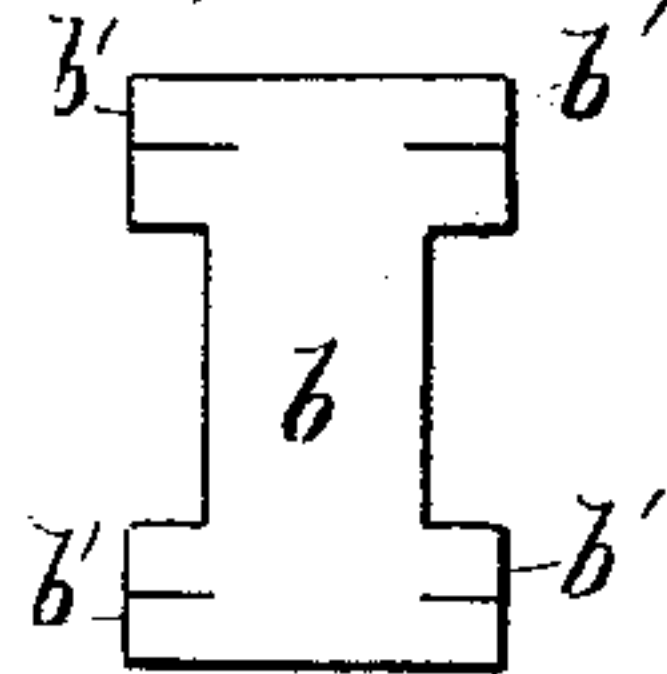


Fig 5

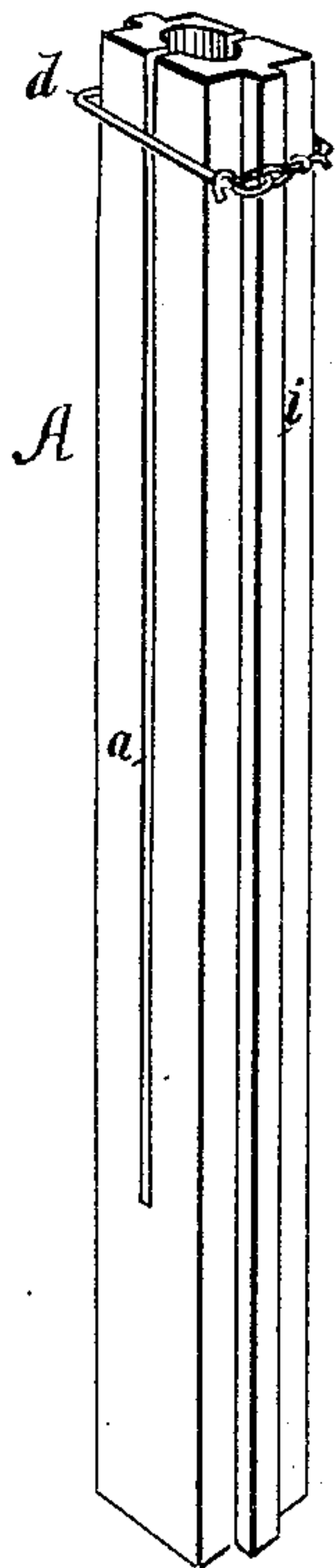


Fig 6

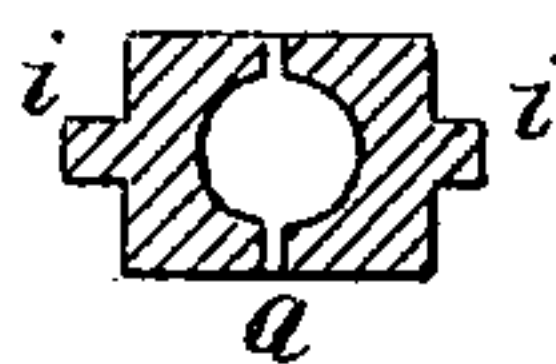
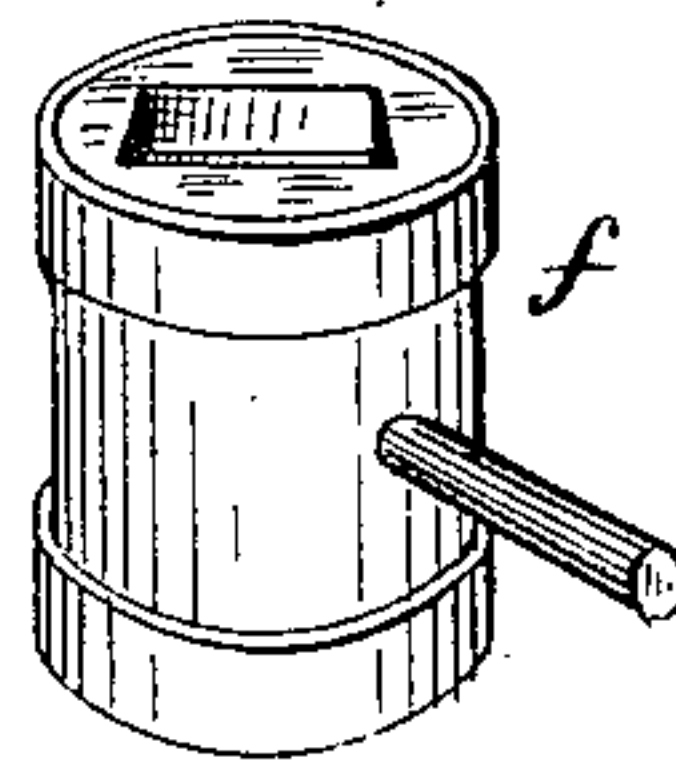


Fig 8



WITNESSES:

J. D. Garfield
C. Seegerick

INVENTOR:

N. A. Haven

BY

Mum Ho

ATTORNEYS.

UNITED STATES PATENT OFFICE.

NORMAN A. HAVEN, OF LIME SPRING, IOWA.

FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 266,817, dated October 31, 1882.

Application filed March 22, 1882. (No model.)

To all whom it may concern:

Be it known that I, NORMAN A. HAVEN, of Lime Spring, in the county of Howard and State of Iowa, have invented a new and useful Improvement in Fence-Posts, of which the following is a full, clear, and exact description.

The object of my invention is to furnish fence-posts of durable character for building fences of any usual style; and it consists in a mortised post constructed as hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of a fence-post of my improved construction. Fig. 2 is a transverse section of the same. Fig. 3 is a perspective view, and Fig. 4 a cross-section of a corner-post. Fig. 5 is a perspective view of the post in the form preferred when made of metal. Fig. 6 is a cross-section of the same. Fig. 7 shows one of the filling-pieces. Fig. 8 is a perspective view of the buffer employed in driving the posts.

A in all the figures is the post. The material used may be wood or iron, and the size and cross-sectional form may be as required. As shown in Figs. 1 and 2, which represent wooden posts, they are four-sided and formed with longitudinal slots or mortises *a* extending from one end about two-thirds the length of the posts, more or less. The mortises *a* are for receiving the boards, strips, or other material used to form the fence-panels, and consequently are to be made of suitable width; and I provide metal filling-pieces *b*, provided with ears *b'*, for filling out the space in case the mortises are wider than required. These pieces are placed in the mortises and the ears turned down, as shown, to secure them.

The post shown in Fig. 3, being a corner-post, is mortised in both directions. The tops of the posts are fitted with caps *c*, of plain or

ornamental character, and attached in any suitable manner, for protecting the posts and preventing them from spreading. A band or yoke of wire, as shown at *d* in Fig. 5, may also be used to bind the post.

The mortises *a* may extend out at either of the ends of the posts, and, if desired, the posts may be tapered at their lower ends to facilitate the work of driving them into the ground.

With a wooden post I prefer to sheath the tapered posts with metal, as shown at *e* in Fig. 1, and in driving them a buffer, *f*, Fig. 8, will be placed on the upper ends of the posts to receive the blows and save the posts from being battered.

Figs. 5 and 6 represent the mortised posts as made in iron. In this case they are made hollow to reduce weight and formed in the sides with strengthening-ribs *i i*.

It is evident that these improved fence-posts can be manufactured in a great variety of forms. They may taper lengthwise and be square, oblong, octagon, or other shape in cross-section. When manufactured ready to set up, the labor of building the fence will be comparatively light, and any ordinary style of fence can be made. The filling-pieces may be wood or metal, and where the style of post is to be varied the filling may be used by inserting them cross-wise or lengthwise in the mortises to give shape to the posts.

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

A fence-post slotted from the upper end through the middle down to a point at the desired height of the bottom rail above the ground, and having metallic filling-pieces *b*, with ears *b'* turned in opposite directions, as shown and described.

NORMAN A. HAVEN.

Witnesses:

P. G. WHITE,
W. M. JOHNSON.