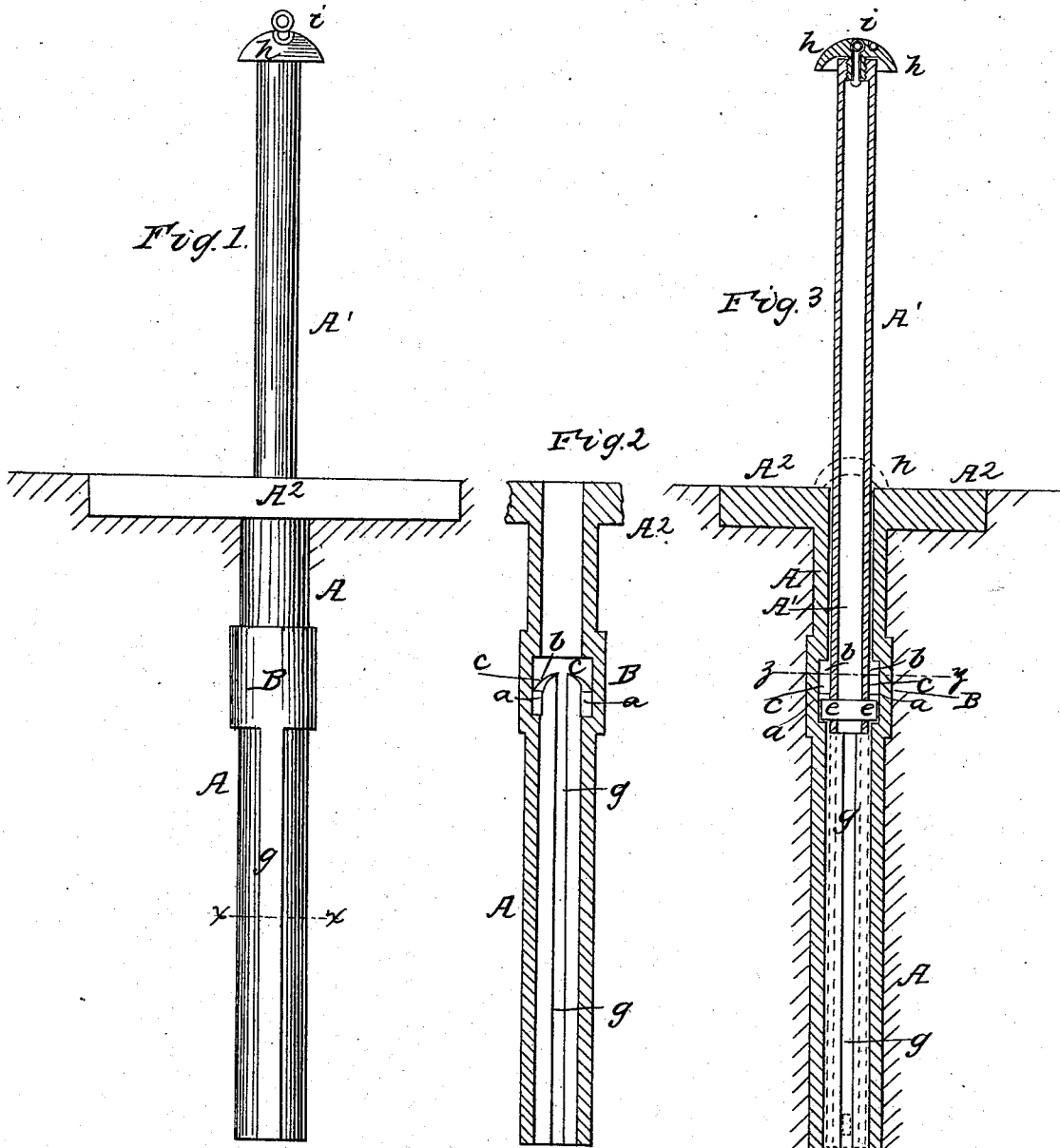


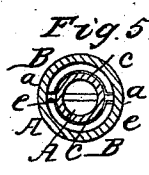
C. BUSH.
Hitching Post.

No. 32,601.

Patented June 18, 1861.



Witnesses
J. M. Combs.
A. S. Spence.



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UNITED STATES PATENT OFFICE.

CHARLES BUSH, OF NEWBURGH, NEW YORK, ASSIGNOR TO HIMSELF AND JAS. WYGANT,
OF NEWBURGH, NEW YORK.

HORSE-HITCHING POST.

Specification of Letters Patent No. 32,601, dated June 18, 1861.

To all whom it may concern:

Be it known that I, CHARLES BUSH, of Newburgh, in the county of Orange and State of New York, have invented a new and useful Improvement in Horse-Hitching Posts; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1, is an exterior view of the post and barrel casing, showing the post in a position for use. Fig. 2, is a vertical or diametrical section through the casing for the post of Fig. 1. Fig. 3, is a diametrical section through the hitching post and its casing. Fig. 4, is a section through Fig. 1 in the horizontal plane indicated by red lines x, x , therein. Fig. 5, is a section through Fig. 3 in the plane indicated by red line y, y , thereon.

Similar letters of reference indicate corresponding parts in the several figures.

The object of my invention and improvement in horse hitching posts is to combine with the posts a barrel or casing, as will be hereinafter described which being sunk below the surface of the pavement, will form a guide for receiving the post and keeping it in a firm, steady position and at the same time allow the entire post to be dropped down into it so that the top of the post will be level with the surface of the pavement, and when the post is not in immediate use it can thus be put out of sight and out of the way.

To enable those skilled in the art to make and use my invention I will proceed to describe its construction and operation.

In the accompanying drawings A, represents a metallic or wooden casing which is made of a suitable length and diameter to receive the entire post A'. This casing may be made round or square but the former will be found preferable. On the upper end of casing A, a horizontal plate A², is cast as shown in Figs. 1, 2 and 3 of the drawings, which plate forms a cap to give stability to the casing and to prevent it from sinking into the ground when properly set therein.

Near the upper end of the hollow casing A, at B, a cylindrical enlargement is formed, and within this enlargement are two vertical grooves a, a , diametrically opposite each other, which terminate at their upper

ends in a cylindrical chamber b , which is somewhat larger in its diameter than the base of the case both above and below the enlargement B.

c, c , are inclined shoulders which incline in both directions from the upper ends of the vertical grooves g, g , which grooves extend through the lower part of the casing A, and are diametrically opposite each other as shown in Figs. 4 and 5. The grooves g, g , do not extend above the chamber b . On each side of the short grooves a, a , these inclined shoulders c, c , are formed as shown in Fig. 5, of the drawings.

The diameter of the post A', should be such that it will fit within the casing A, and be allowed to move up or down in this casing. It should fit snugly in the casing but not too tight. The post A', is cylindrical and it may be made as long as the casing into which it fits. On the lower end of post A', two ears e, e , are formed which ears will fit into the grooves g, g , or a, a , these ears thus project out from each side of the post A', a short distance. The top of the post A', receives a cap h , which is screwed or otherwise secured on the end of the post. This cap h , should be somewhat larger in its diameter than the post to which it is secured and a swivel ring or hitching eye i , should be attached to this cap, and a recess should be formed in this cap h , to receive the ring when it is not in use. This post A', is introduced into the casing A, by removing cap h , and passing the post through, from the lower end of the casing, the ears e, e , running in the grooves g, g . The cap h , is then secured to the top of the post, and the casing and post are sunk into the ground and the earth tamped hard about the casing and cap plate A², leaving the top surface of plate B, flush with the surface of the ground. If it should be found desirable the cap A², may be further secured by pins driven through it into the ground, or suitable projections may be formed on the outside of the casing A, which will assist in securing the casing down firmly and rigidly in the ground.

Now from this description it will be seen that the post A', may be pushed into its casing A, leaving only the cap h , projecting above the surface of the plate B, as shown in red lines Fig. 3, and if desirable even this cap h , may be sunk into a recess which

can be readily formed in plate A². The post A', may in this manner be put out of sight and out of the way when it is not in use. When it is desired to use the post the ring *i*,
 5 is taken hold of and the post is drawn up until the ears are out of the slots *g, g*, and abut against the top of the chamber *b*, when by a slight turn of the post the ears will pass over the shoulders *c, c*, into the short
 10 grooves *a, a*, where the post will be prevented from descending and where it will be held up in a steady position, as shown in Figs. 1, and 3 of the drawings. This operation of erecting the post A', can be done
 15 in a very short time and where the post is not very heavy it can be operated with one hand.

The object of the ears *e, e*, is to support the post A', in an elevated position and
 20 when these ears are passed down into the

slots *a, a*, even should the horse raise the post until the ears are out of these slots *a, a*, the inclined shoulders *c, c*, will cause the ears to fall back into these slots again.

Should the post be made square or of any other shape than cylindrical it should fit into a corresponding socket in its casing and a bolt or latch or other substantial device must be employed to secure the post when it is erected.

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

Combining with a hitching post a casing A, substantially as and for the purposes
 35 herein described.

CHARLES BUSH.

Witnesses:

ELI H. EVANS,
 JAMES WYGANT.