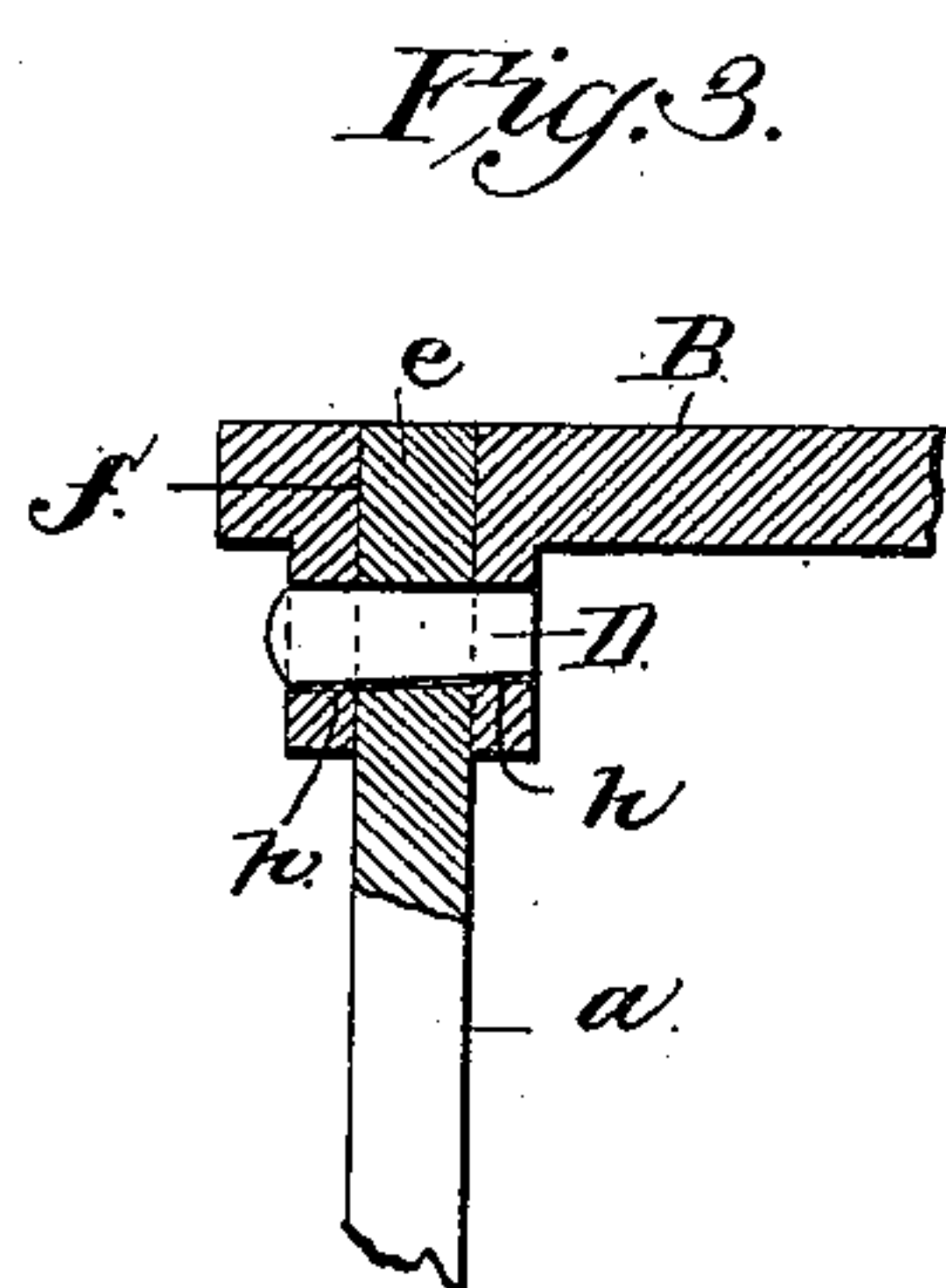
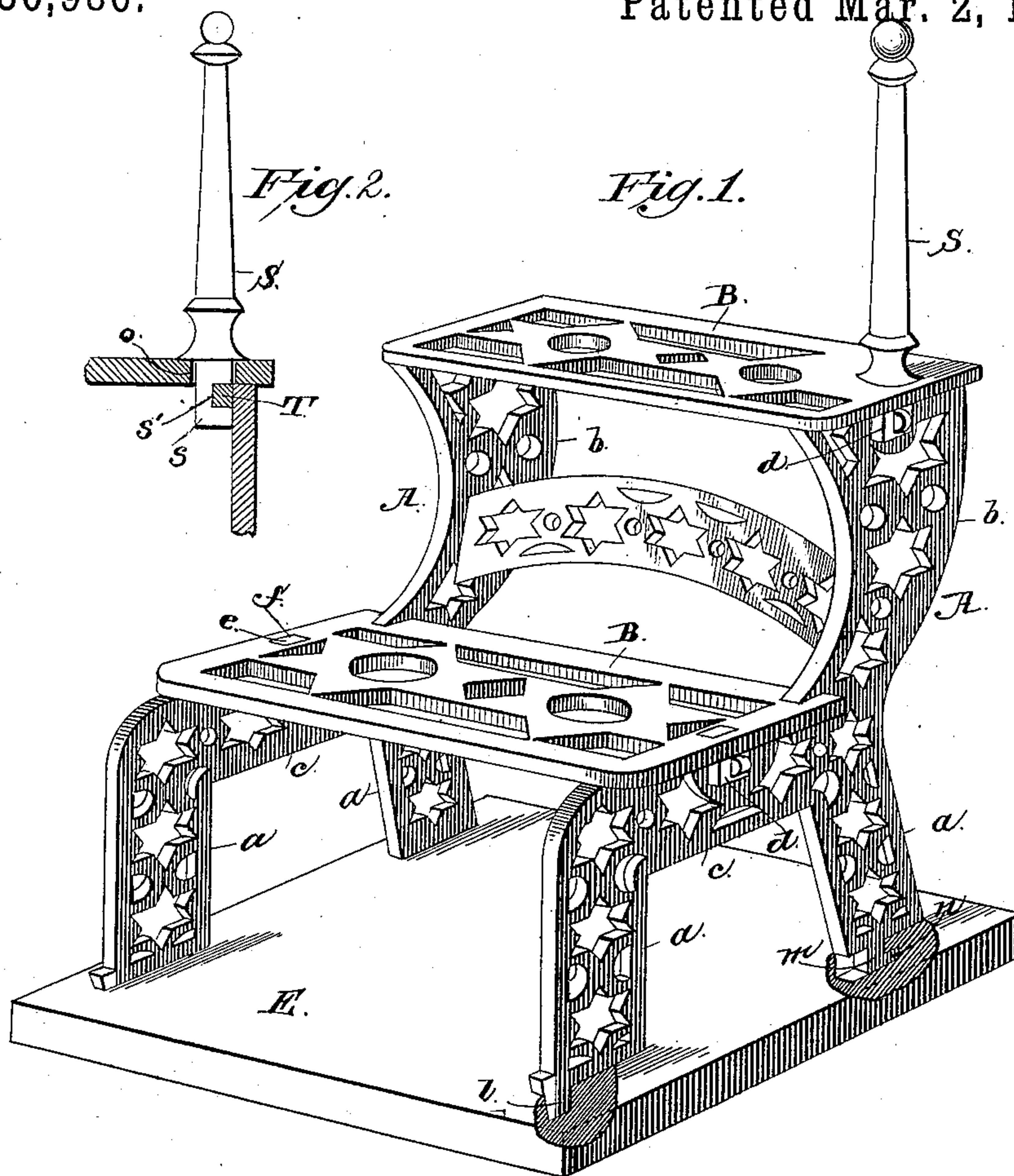


(No Model.)

W. N. BELL.
HORSE BLOCK.

No.336,986.

Patented Mar. 2, 1886.



Witnesses

M. E. Fowler

E. G. Diggers.

Inventor

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By His Attorneys

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UNITED STATES PATENT OFFICE.

WILLIAM N. BELL, OF MORENCI, MICHIGAN.

HORSE-BLOCK.

SPECIFICATION forming part of Letters Patent No. 336,986, dated March 2, 1886.

Application filed November 24, 1885. Serial No. 183,898. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM N. BELL, a citizen of the United States, residing at Morenci, in the county of Lenawee and State of Michigan, have invented a new and useful Improvement in Horse-Blocks, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to an improvement in horse-blocks; and it consists in the peculiar construction and arrangement of devices that will be more fully set forth hereinafter, and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a perspective view of a horse-block embodying my invention. Figs. 2 and 3 are detail sectional views.

A represents the side pieces or standards, which are formed with the feet *a*, as shown, and with the rearwardly outwardly-extending arms *b*. A horizontal portion, *c*, connects the upper ends of the feet.

B represents the platforms or steps, which are placed on the uppersides of the arms *b* and on the horizontal portion *c* of the side pieces, the said steps being provided on their undersides at their ends with depending lugs *d*, arranged in pairs, and adapted to embrace or extend down over the sides of the portions *b* and *c* of the side pieces, as shown in Fig. 3. Tenons *e* project upwardly from the side pieces and extend through the mortises or slots *f*, that are made in the ends of the steps, the upper ends of said tenons or mortises being flush with the top sides of the steps. Through the depending lugs and the side pieces are made aligned openings *h*, in which are inserted tapered keys or wedges *D*, which serve to secure the steps rigidly to the side pieces and permit the parts of the horse-block to be readily detached by removing the keys. At the lower ends of the feet are formed tenons *l* and *m*, the latter of which are provided with horizontal extending arms *n*. By means of these tenons the side pieces may be firmly secured

to a mortised platform or other suitable base or block, *E*, so that the horse-block will be firmly secured in position. In the outer corner of the upper step is made a mortise or slot, *o*, in which is inserted the lower tenon, *s*, of a post, *S*. In one side of the tenon of this post is made an opening, *s'*, in which is driven a key or wedge, *T*, that serves to secure the post rigidly to the top step, the said key bearing under the said step. This post is advantageously employed for tying a horse, and is also useful in assisting a person to mount a horse or to enter a carriage.

The sides, steps, and post which constitute my horse-block are preferably made of cast metal, and suitably ornamented to give the block a pleasing appearance.

Having thus described my invention, I claim—

1. A horse-block composed of the sides, the steps detachably secured thereto, and the post detachably secured to one of the steps, substantially as described.

2. The combination of the sides having the upwardly-projecting tenons *e*, and the steps having the mortises *f* to receive the tenons, and the depending lugs to bear on opposite sides of the side pieces, substantially as described.

3. The combination of the side pieces having the upwardly-projecting tenons *e*, the steps having the depending lugs *d* arranged in pairs and adapted to embrace the side pieces, and the keys or wedges passed through openings formed in said lugs and side pieces to secure the steps to the side pieces, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

WILLIAM N. BELL.

Witnesses:

DANIEL MOWRY,
JOHN M. ROTHROCK.