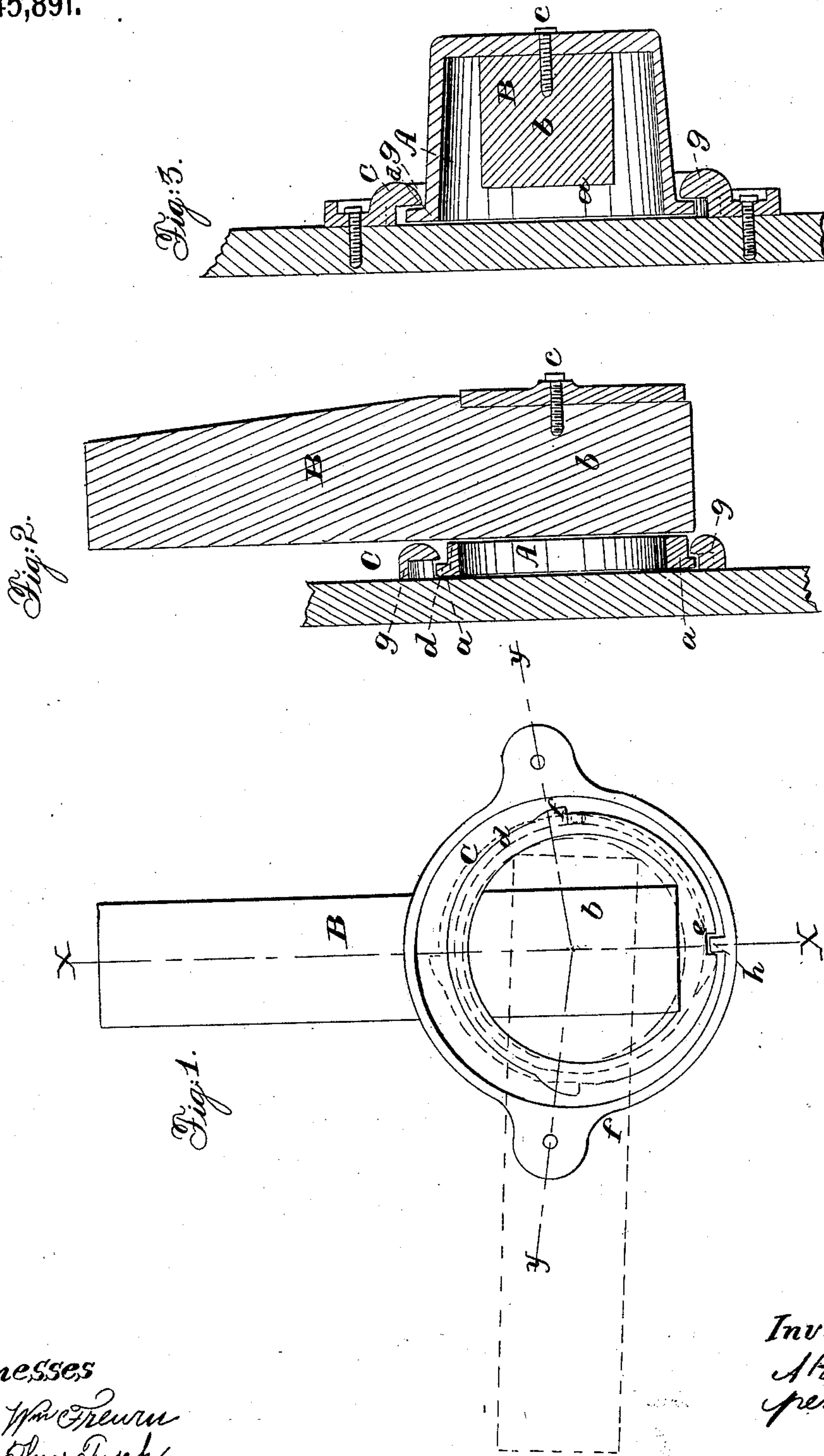


A. R. BURDICK.
Car-Truck Stake-Holder.

No. 45,891.

Patented Jan. 10, 1865.



Witnesses

Wm. Freeman
Theo. Busch

Inventor
A. R. Burdick
per *James H. G.*
attorneys

UNITED STATES PATENT OFFICE.

A. R. BURDICK, OF RACINE, WISCONSIN, ASSIGNOR TO HIMSELF AND J. D. FOSTER, OF SAME PLACE.

IMPROVED STAKE-HOLDER FOR RAILROAD-CARS.

Specification forming part of Letters Patent No. 45,891, dated January 10, 1865.

To all whom it may concern:

Be it known that I, A. R. BURDICK, of Racine, in the county of Racine and State of Wisconsin have invented a new and Improved Adjustable Stake-Holder for Railroad-Cars; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a rear or inner view of my invention; Fig. 2, a vertical section of the same taken in the line xx' , Fig. 1; Fig. 3, a horizontal section of the same taken in the line yy , Fig. 1.

Similar letters of reference indicate like parts.

This invention relates to a new and improved holder for securing stakes to the sides of flat or sideless railroad freight-cars.

The object of this invention is to obtain a holder for the purpose specified which will admit of the stakes being adjusted or turned down in a horizontal position when required, so as to obviate the necessity of detaching or removing the stakes from the car at any time when an upright position of them is not required, as in loading and unloading a car, &c. By this means the stakes, not requiring to be detached from the car at any time, are not liable to become lost or mislaid, are always ready for use when required, and in case of breakage new ones may be readily applied.

A represents a box, which may be of cast metal, and of slightly conical form, and having a square opening, a , at two opposite sides or points, to receive a tenon, b , at the lower end of the stake B, the stake being secured in the box by a screw, c , passing through the head of the latter into the tenon, the stake of course being of wood. The inner end of the box A is provided with a flange, d , which extends all around the box, and said flange has a recess or notch, e , made in it, and is provided with two projections, ff , which are at opposite points

on the flange, the notch or recess e being midway between them, as shown in Fig. 1.

C represents a cast-metal collar, which is provided with a circular flange, g , within which the flange d of the box A is fitted; the latter flange being allowed to turn freely within the former. This collar is firmly bolted to the side of the car.

The internal opening of the collar C is of slightly elliptical form, to admit of a slight degree of vertical play of the box A, and said collar behind or back of the flange g is provided with a projection, h , which fits into the notch or recess e of the flange d when the stake B is in an upright position and holds the stake in that position, as shown in black outline in Fig. 1.

In order to turn down the stake to a horizontal position, all that is required is simply to raise the box A a trifle to admit of the notch or recess e being free from the projection h of the collar C, the internal elliptical opening of the collar admitting of that result, and the box A may be turned until one of the projections f of the flange d strikes the projection h , as shown in red outline in Fig. 1.

Thus by this simple arrangement the stakes are permanently secured to the car, and the former may be adjusted in either an upright or horizontal position, as may be required, obviating the necessity of detaching the stakes from the car at any time.

I claim as new and desire to secure by Letters Patent—

The box A provided with the flange d , having a notch or recess, e , and two projections, ff , one or both, in combination with the collar C, provided with the flange g , internal elliptical opening, and the projection h , all arranged substantially as and for the purpose herein set forth.

A. R. BURDICK.

Witnesses:

GEO. J. WRIGHT,
WM. TUBER.