

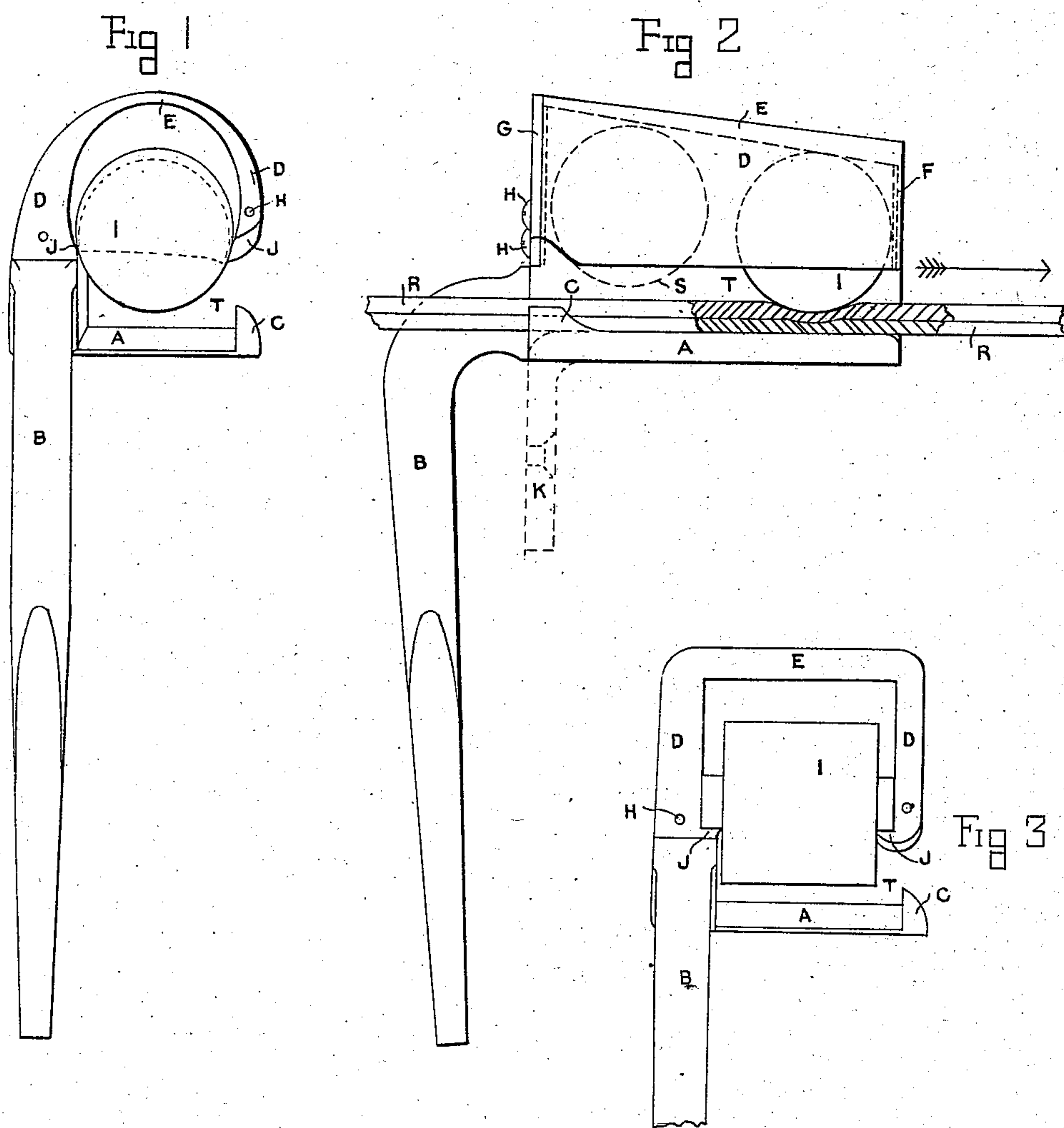
(No Model.)

D. H. STUBBS.

REIN HOLDER.

No. 381,292.

Patented Apr. 17, 1888.



Witnesses.

James F. DuHamel
Horace A. Dodge.

Inventor.

Daniel H. Stubbs
by Dodge & Sons,
his Atty.

UNITED STATES PATENT OFFICE.

DANIEL HOLLAND STUBBS, OF PRESCOT, COUNTY OF LANCASTER, ENGLAND, ASSIGNOR TO THOMAS BILSBOROUGH, OF SAME PLACE.

REIN-HOLDER.

SPECIFICATION forming part of Letters Patent No. 381,292, dated April 17, 1888.

Application filed February 17, 1888. Serial No. 264,380. (No model.)

To all whom it may concern:

Be it known that I, DANIEL HOLLAND STUBBS, a subject of the Queen of Great Britain, residing at Prescott, in the county of Lancaster, England, Clerk in Holy Orders, have invented certain new and useful Improvements in Rein or Strap Holders, of which the following is a specification.

This invention has for its principal object a little apparatus for holding reins when the driver wishes to leave the box. It is best described by aid of the accompanying drawings, in which—

Figure 1 is an end view with front plate removed; Fig. 2, a side view. Fig. 3 is an end view of a modification.

In the drawings, A is a flat plate, preferably beveled down at each end and supported on a shank, B, which is fixed into a socket on the splash-board. In place of this shank and socket the apparatus can be fixed, by means of a flange (shown in dotted lines K) and screws or in any other manner, to the top of the splash-board. The apparatus is also applicable for riding-saddles, to hold the reins instead of throwing them over the horse's neck or tying them to the saddle, and can even be used to keep the horse from running away when momentarily left.

C is a little projection to one side, so as to hold the reins R, as hereinafter described, and prevent them from falling off.

D is a cover or box formed somewhat circular in cross-section. The two sides, however, are parallel to each other, while the top E is inclined at a small angle to bed A. This cover has a terminal cover-plate at each end, the smaller, F, being preferably cast in one with the cover D, the larger end plate, G, being screwed on by screws H H after the ball I has been inserted.

I is a ball of such large diameter that it is unable to escape from the cover except at the end G, the projecting edges J J preventing it from falling beyond a given point.

In place of a ball a roller can be used, as set forth in Fig. 3; but I do not recommend this arrangement, and in cases of very broad straps would prefer two, three, or more balls held in a succession of covers, D, cast together in a row.

R is a pair of reins, and the dotted line S is the ball in another position.

When the driver wishes to use the apparatus, he puts the reins into the groove T, at the same time pulling hard on the horses. This at once draws the ball up to the G end. The reins fall at once into the box upon bed-plate A, and are prevented from falling out again by the projection C when the driver relaxes the reins. The horses pulling them forward draws the ball I into the position shown in Fig. 2, or to some other point between the position S and that one indenting the reins, as set forth in the drawings, and thus holding them tight. The moment, however, that the driver wishes to release them, he pulls on the reins, the ball I runs back into the position S, or nearly so, and the reins, being thus freed from the ball, can be lifted out over the projection C and used in the ordinary manner.

I am aware that a rein-holder has been patented in which a ball mounted loosely within a tapering box or casing and projecting through the side thereof is adapted to bear upon the reins and hold them tightly when pulled in one direction, and to such a construction I make no broad claim.

I claim as my invention—

1. In combination with a plate, as A, a hollow box overhanging the plate and open on its lower side, a rolling device, I, within the box, and a flange or rib, C, along the outer edge of the plate A, as and for the purpose set forth.

2. In combination with a plate, an overhanging hollow box open on its underside and provided with an inclined top, a rolling device, as I, placed within the box and projecting through the opening therein, and supports or guides for said device arranged parallel with the inclined top.

3. In combination with a plate, as A, an overhanging hollow box open on its underside and provided with re-entering or inwardly-projecting edges, and a roller or ball projecting through the opening in the box and supported by the inwardly-projecting edges thereof.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

D. HOLLAND STUBBS.

Witnesses:

WM. P. THOMPSON,
H. P. SHOEBRIDGE.