

C.R. Webb, Boam Gear.

No. 70,857.

Patented April 14, 1868.

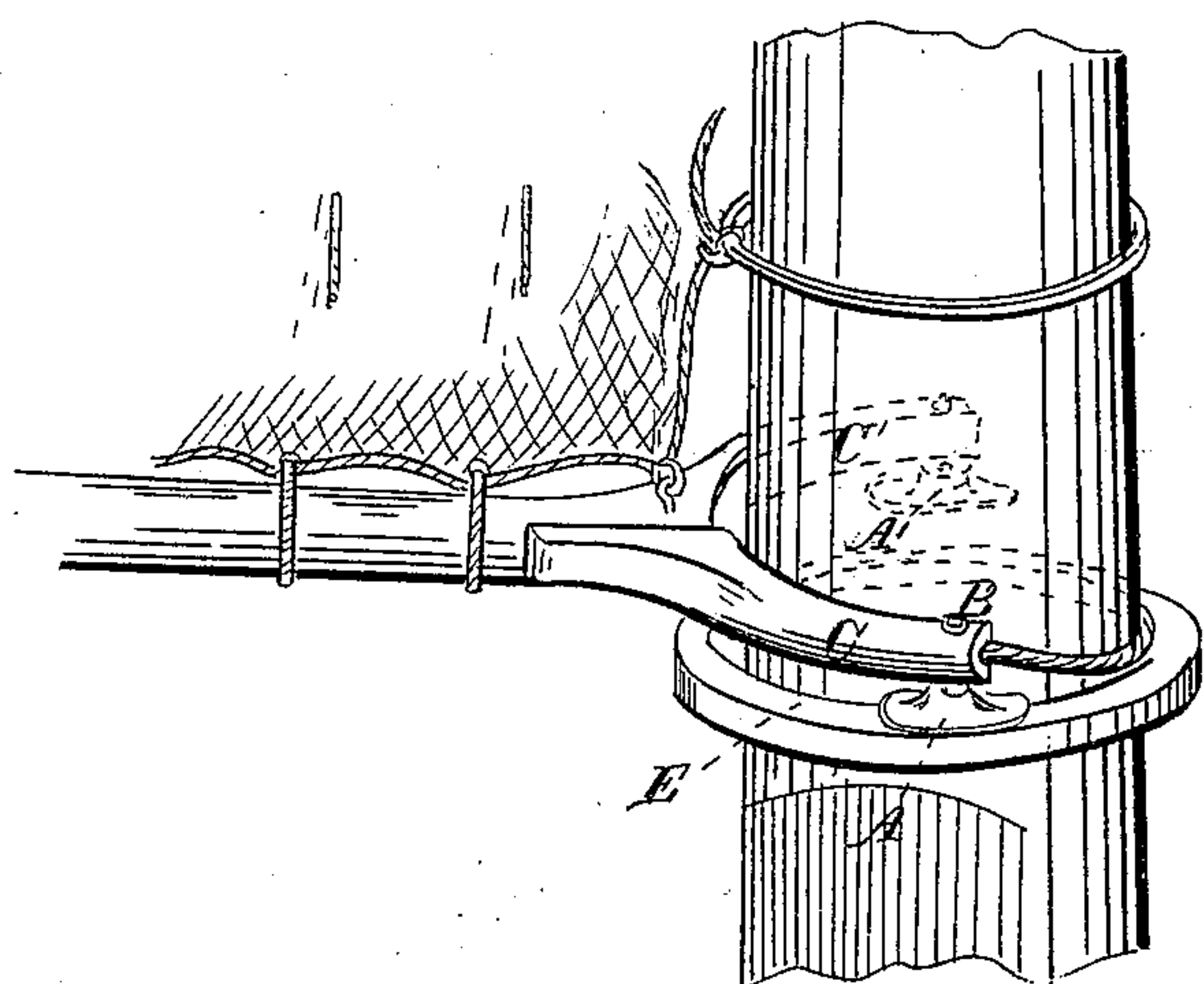


Fig. 1

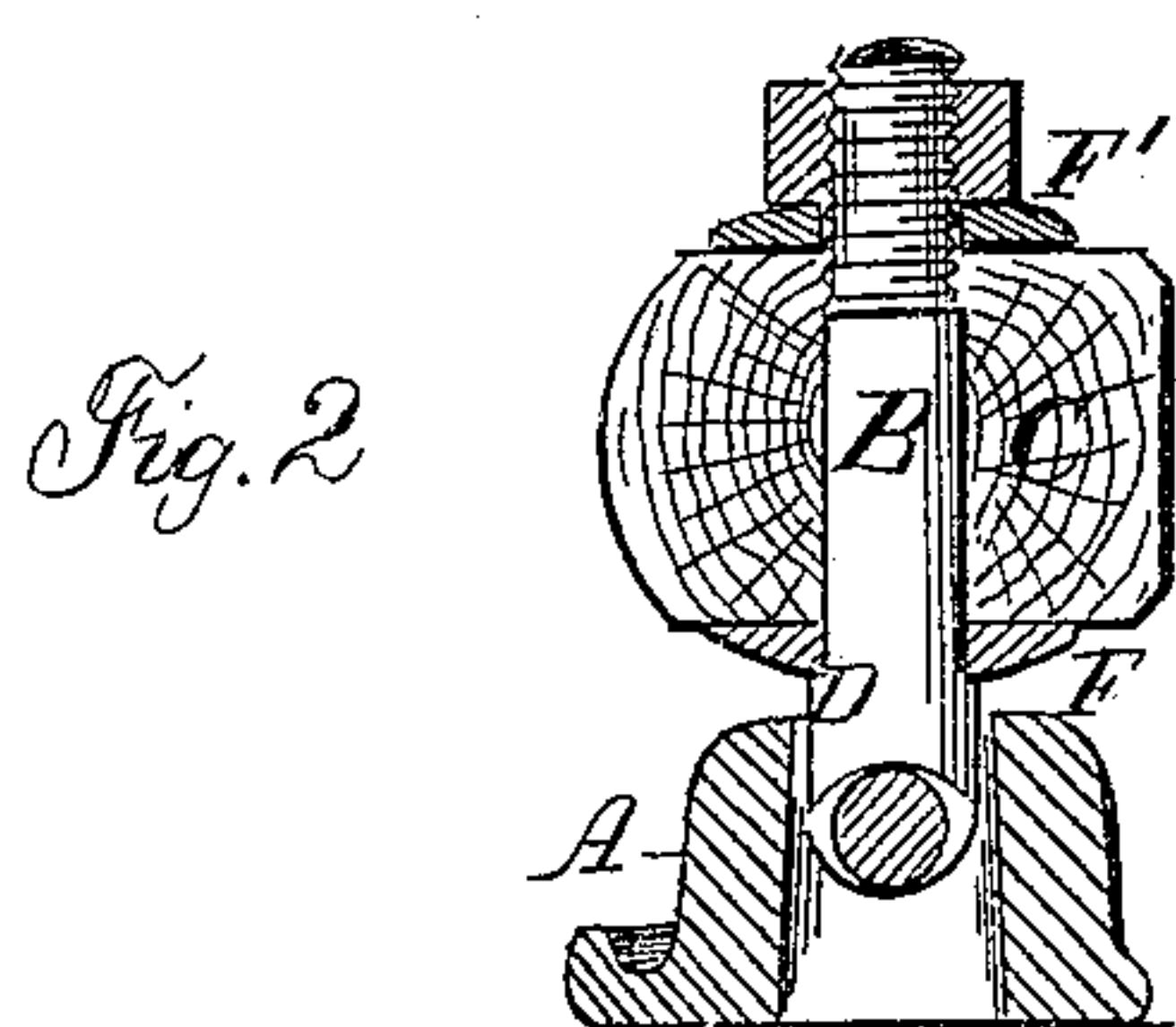


Fig. 2

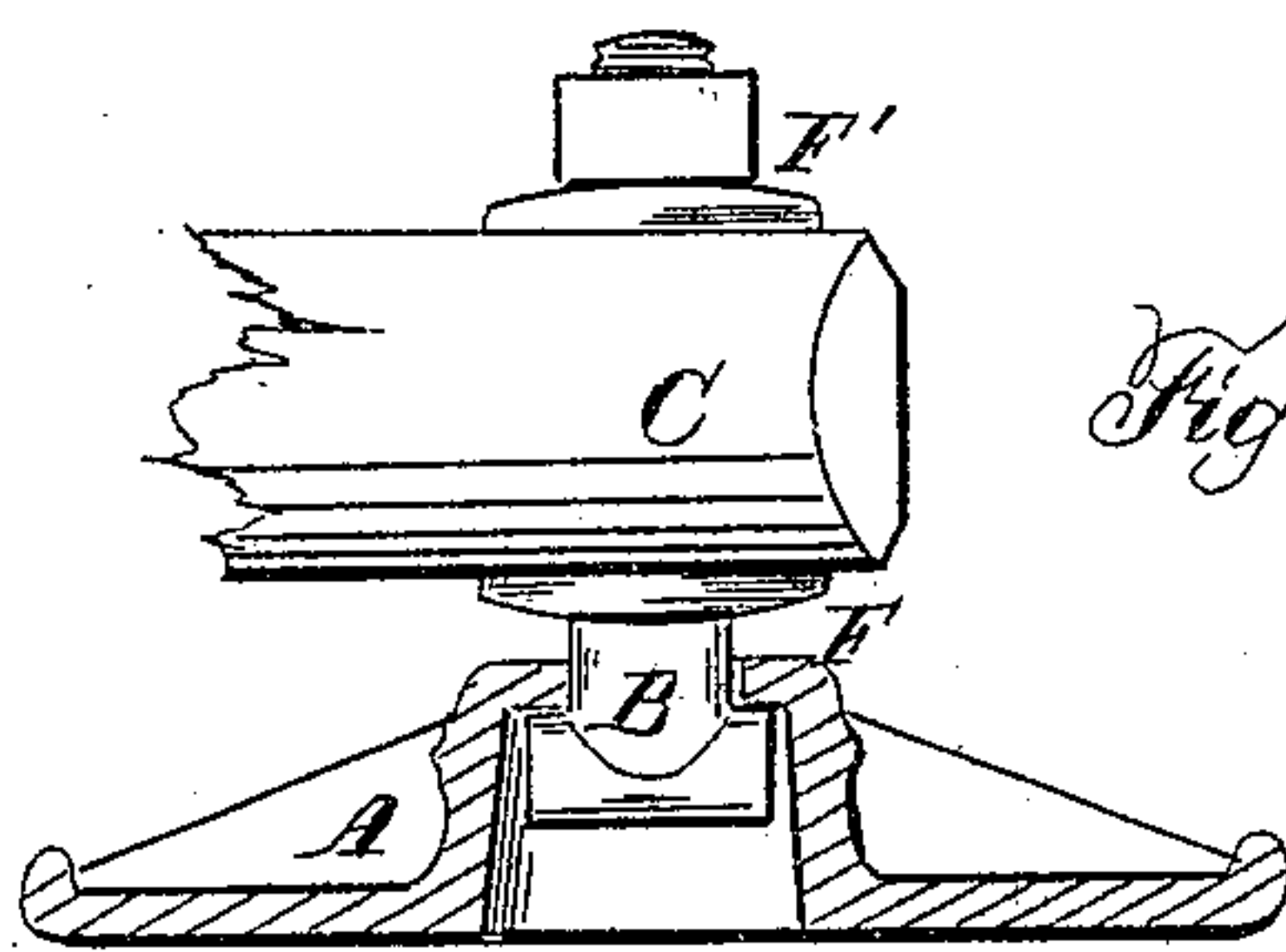


Fig. 3

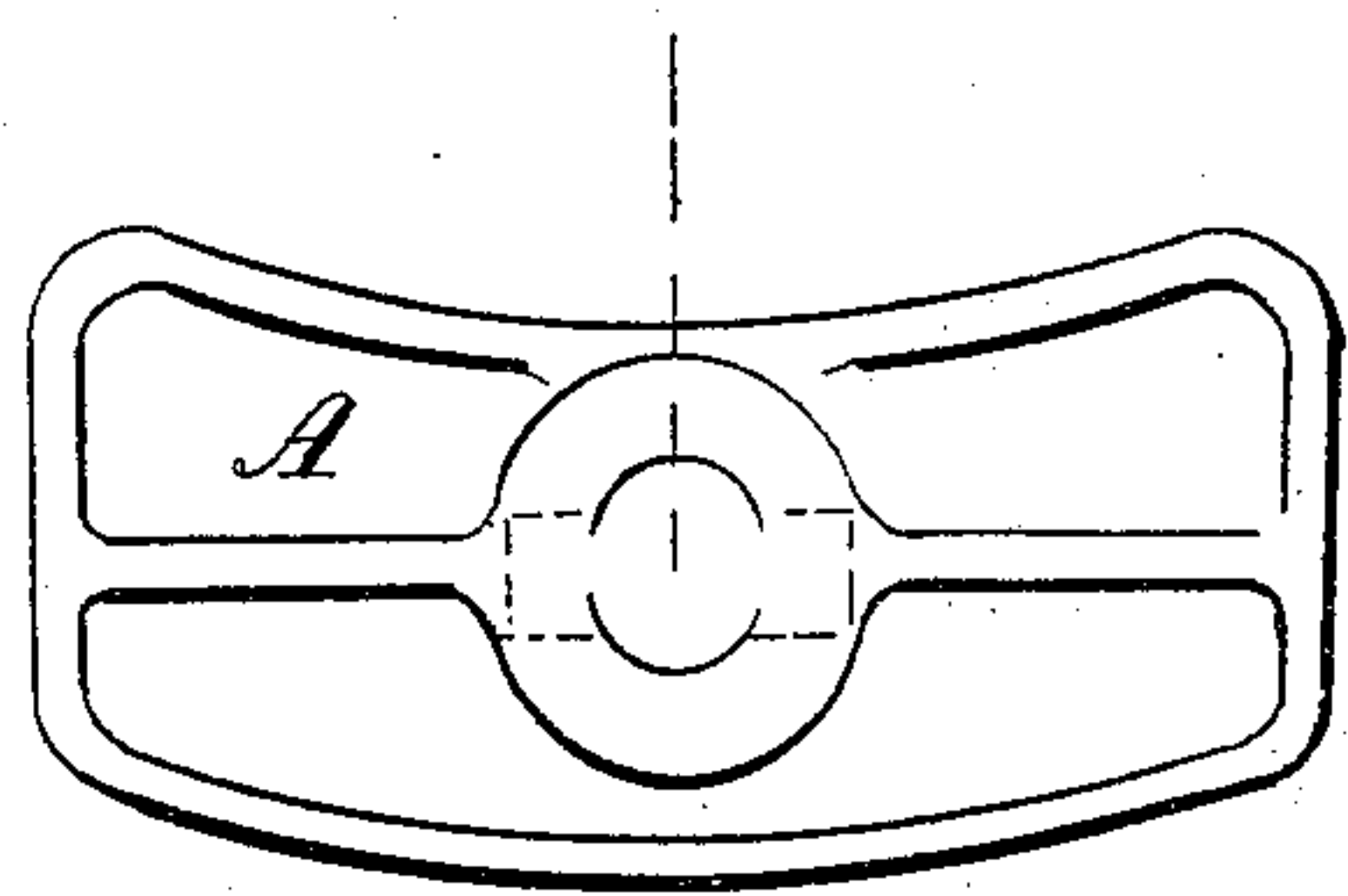


Fig. 4

Witnesses.

Geo. W. Fetter

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CHARLES R. WEBB, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 76,857, dated April 14, 1868.

IMPROVEMENT IN BOOM-GEAR.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, CHARLES R. WEBB, of the city of Philadelphia, in the county of Philadelphia, and State of Pennsylvania, have invented a new and useful Device for Preventing the Ends of the Jaws from Chafing a Vessel's Saddle; and I do hereby declare that the following is a full, clear, and exact description of the construction of the same, reference being had to the annexed drawings, and to the letters of reference marked thereon, making part of this specification, in which—

Figure 1 is a perspective view of the device as applied.

Figure 2, an end elevation in partial section, and

Figure 3 a side elevation in partial section, and

Figure 4 a ground plan.

When a vessel having a heavy boom has a stiff breeze, the jaw on the windward side of the mast is raised, and the lower corner of the leeward jaw is pressed against the saddle, wearing away both saddle and jaw.

The interposition of the saddle-slides, herein described, effectually prevents the abrasion of either saddle or jaw, as one or both slides always present a flat surface to the saddle, thereby preventing the jaws from coming in contact with the saddle.

A is the slide, consisting substantially of a flat surface, which is presented to the upper side of the saddle E, a part of said slide being fitted for the reception of the bolt B.

B, figs. 2 and 3, is a bolt, firmly fastened in the jaw C, by means of the nut and washers F F', and the shoulder D, fig. 2. The bolt B has an oblong head, on which hangs the slide A. The head of said bolt allows the slide A to adapt itself to the upper side of the saddle E, in whatever position the jaws may be placed, by the shifting of the sail, but prevents it from deviating from its proper course on the saddle.

What I claim as my invention, and desire to secure by Letters Patent, is—

The slides A A', or their equivalents, interposed and properly secured between a vessel's saddle, E, and the forward ends of the jaws C C', for the purpose of preventing the jaws from chafing the saddle, substantially as herein described and for the purposes set forth.

CHAS. R. WEBB.

Witnesses:

GEO. W. FETTER,
BURKETT WEBB.