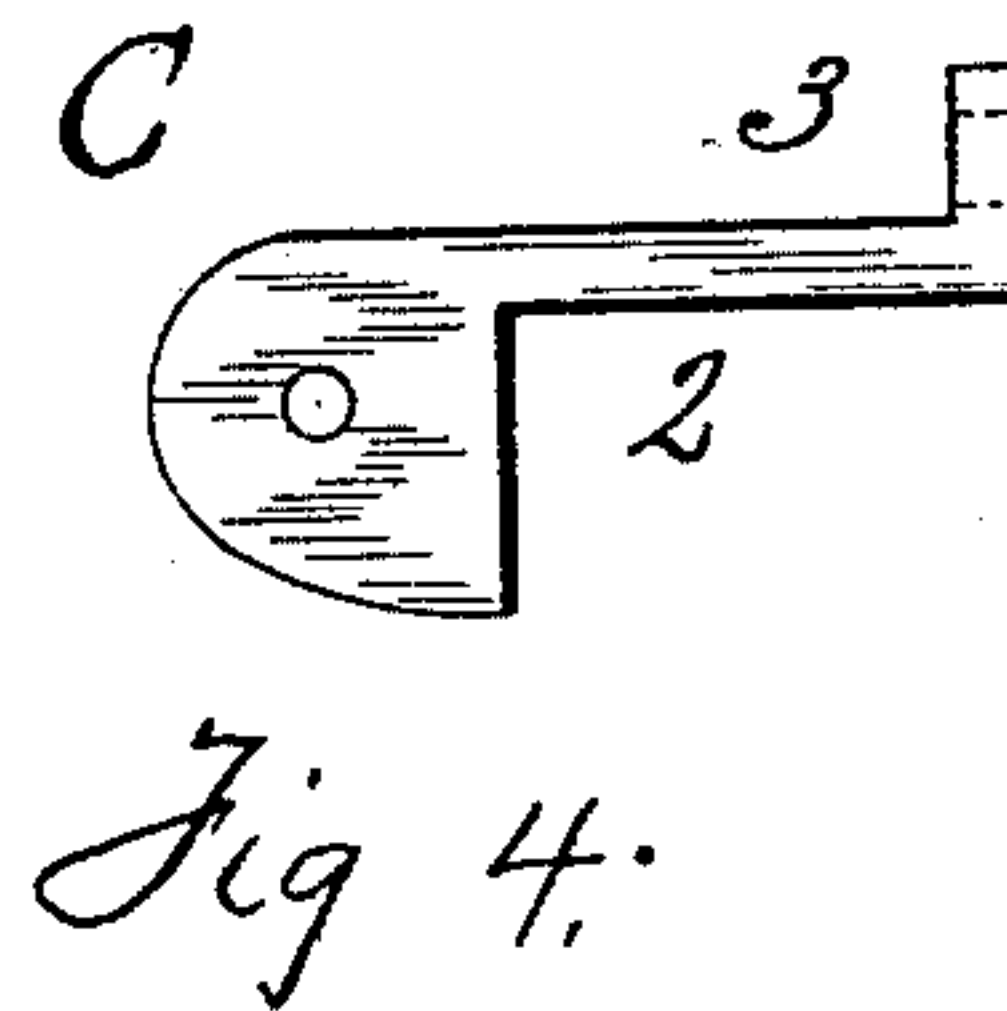
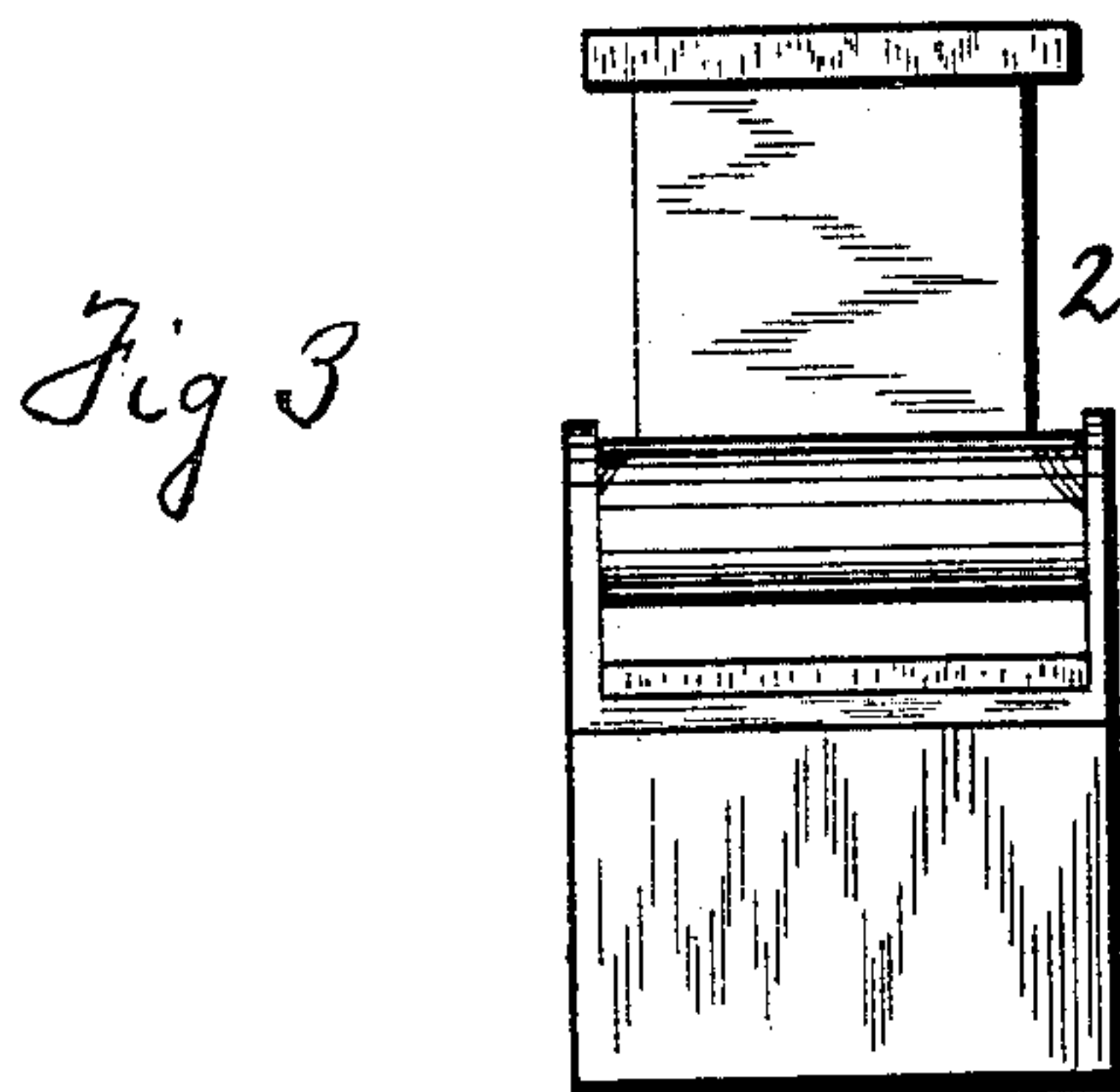
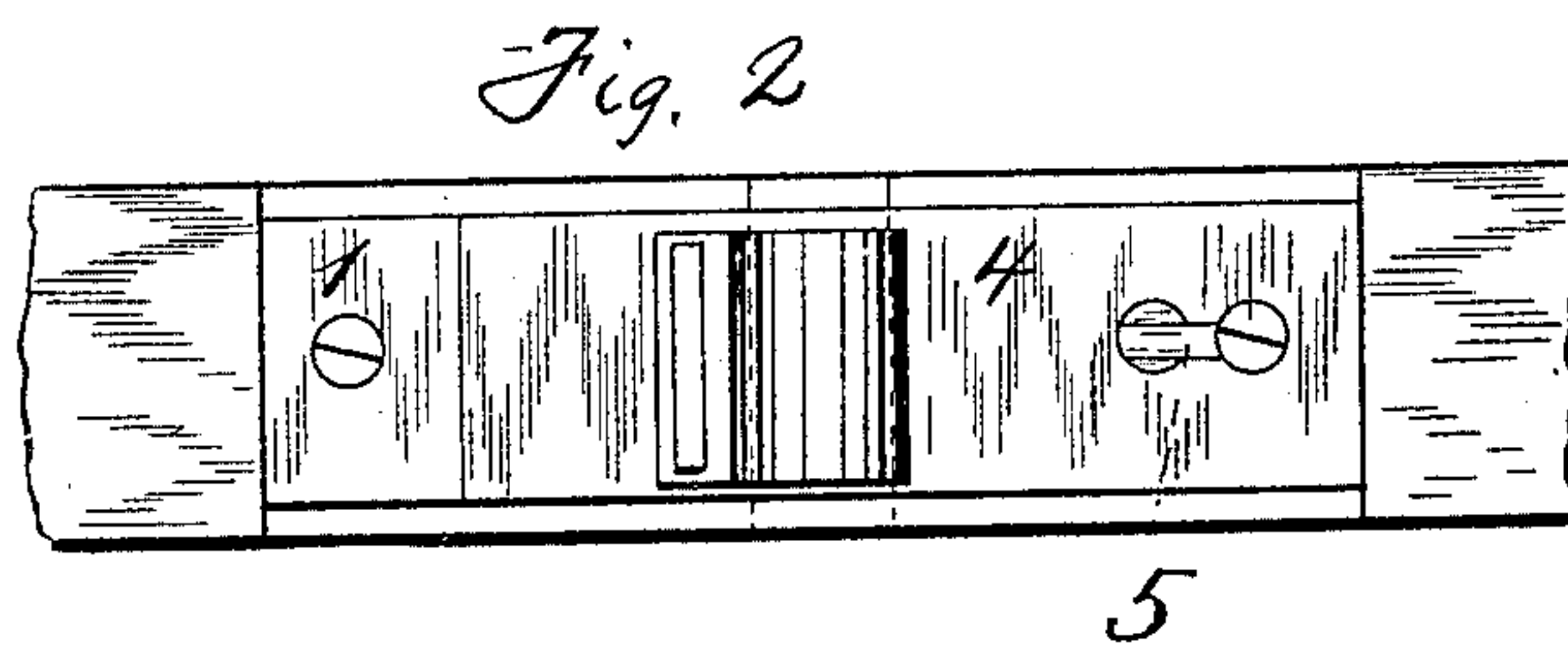
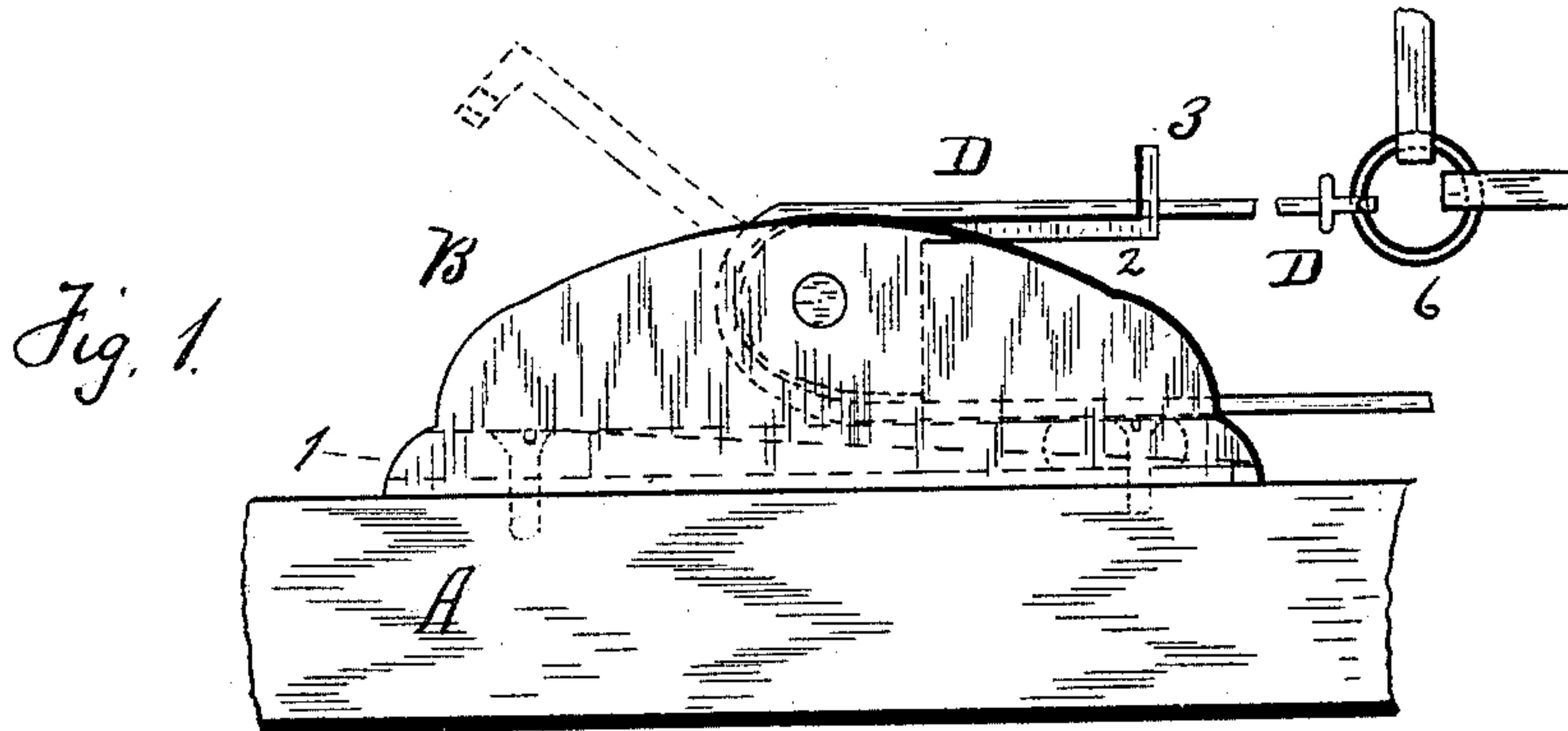


(No Model.)

C. W. COLONY.
HOLDBACK FOR VEHICLES.

No. 419,140.

Patented Jan. 7, 1890.



Witnesses

W. H. Matell

J. P. Demson.

Charles W. Colony Inventor

By his Attorney

Smith & Denison

UNITED STATES PATENT OFFICE.

CHARLES W. COLONY, OF SANDY CREEK, NEW YORK, ASSIGNOR OF ONE-HALF TO FAYETT BROWN AND JOHN R. ALLEN, OF SAME PLACE.

HOLDBACK FOR VEHICLES.

SPECIFICATION forming part of Letters Patent No. 419,140, dated January 7, 1890.

Application filed May 31, 1889. Serial No. 312,745. (No model.)

To all whom it may concern:

Be it known that I, CHARLES W. COLONY, of Sandy Creek, county of Oswego, in the State of New York, a citizen of the United States, have invented certain new and useful Improvements in Holdbacks, of which the following is a specification, reference being had to the accompanying drawings, in which—

Figure 1 is a side elevation. Fig. 2 is a top plan view. Fig. 3 is an end view. Fig. 4 is a side elevation of the cam detached.

My invention relates to safety-fasteners for holdback-straps, adapted to securely hold the strap in its normal position and at the same time permitting it to be detached readily whenever a forward strain is brought to bear upon it, all without any holes in the strap and without any buckles, it being held by compression entirely.

The object of my invention is to produce a holdback-strap fastening which holds the strap by compression, and is detached or let free by the reversal of the strain upon the strap, which releases it from the grip or compression.

My invention consists in the several novel features of construction and operation, hereinafter described, and which are specifically set forth in the claims annexed.

It is constructed as follows: A represents the thill, upon the top of which is secured the rectangular body B, open on top, the bottom proper 1 being beveled from the front back toward the rear, as shown in the drawings, and the whole top being open.

C is a cam or other cam-like compressor journaled in the sides of the main frame and provided with a lever-handle 2, which is provided at its outer end with a loop 3, standing at substantially a right angle to the lever.

At 4 I show a beveled plate, beveled to fit the beveled bottom 1, and provided with a slotway 5, to permit it to be adjusted longitudinally to increase or diminish the strap-space between the upper face of this plate and the lower face of the cam, according to the thickness of the strap to be used.

D is the holdback-strap passing around the cam and through beneath it and between it and the plate 4, and having its other end connected to the breeching-ring 6 by hook-snap or any other ordinary means.

It will be observed that when the lever 2 is thrown over back, as shown in Fig. 1, with the strap passing through the loop 3, the cam compresses and grips the strap, and that when the strain of the strap is reversed the lever 2 will be thrown over forward by the strain, the strap will be loosened and released from compression, and will readily slip out clear from the cam, the lever, and the loop.

The face of the cam is shown in the drawings as plain or smooth; but it may be corrugated, or serrated, or roughened in any ordinary manner, if desired, and the upper face of the plate 4 may be treated, if desired, in the same manner to insure a thorough grip upon the strap; but for all ordinary purposes the smooth face will accomplish the desired result. It will be observed, also, that where there is to be no great variation in the thickness of the strap to be used the bottom 1 can be made without any bevel, in which case the plate 4 can be entirely dispensed with.

What I claim is—

1. A holdback comprising a main frame open at the top, and a bottom beveled, as shown, and a beveled plate adjustable longitudinally upon the beveled bottom, a cam journaled in the sides and provided with a lever terminating in a strap-loop, in combination, substantially as described.

2. A holdback consisting of a main frame open at the top, a cam journaled in the sides of the frame and provided with a lever terminating with a strap-loop upon its outer end, in combination with a strap passing through the loop and around the cam, and through and between it and the bottom of the main frame, substantially as described.

3. The combination, with the thill and breeching, and holdback-strap connected to the breeching, of a holdback-fastening comprising a main frame consisting of a bottom and vertical sides, a cam journaled in the

sides and provided with a lever terminating with a loop, the holdback-strap passing through the loop and around the cam and between it and the bottom of the frame, substantially as described.

5 4. The combination of the main frame having a bipartite beveled bottom with the cam journaled in the sides of the main frame.

In witness whereof I have hereunto set my hand this 27th day of May, 1889.

CHARLES W. COLONY.

In presence of—

H. P. DENISON,
F. P. DENISON.