

No. 733,703.

PATENTED JULY 14, 1903.

E. DIXON.
TOP ROLL SADDLE AND STIRRUP.
APPLICATION FILED OCT. 16, 1902.

NO MODEL.

Fig. 1.

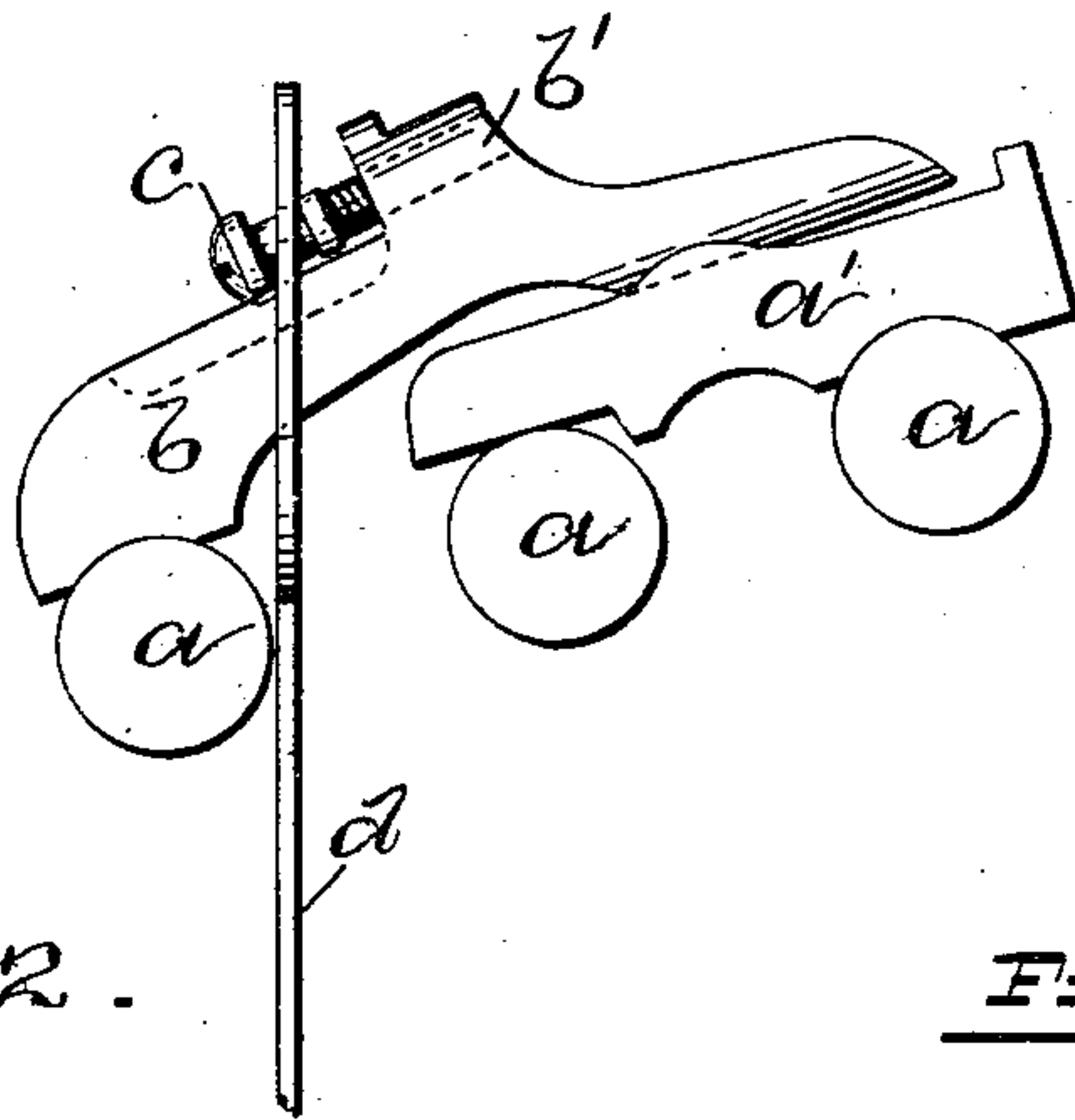


Fig. 2.

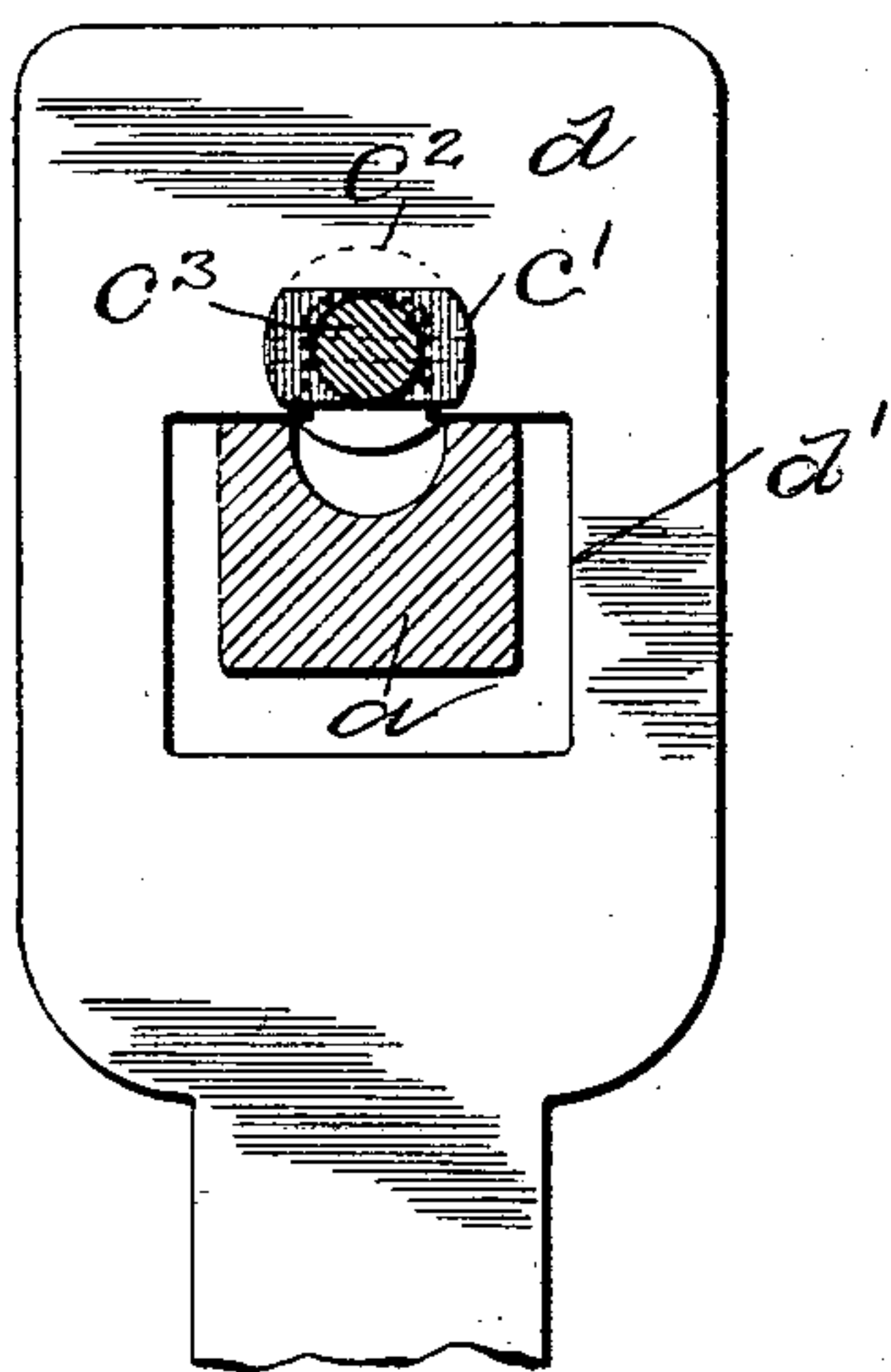


Fig. 3.

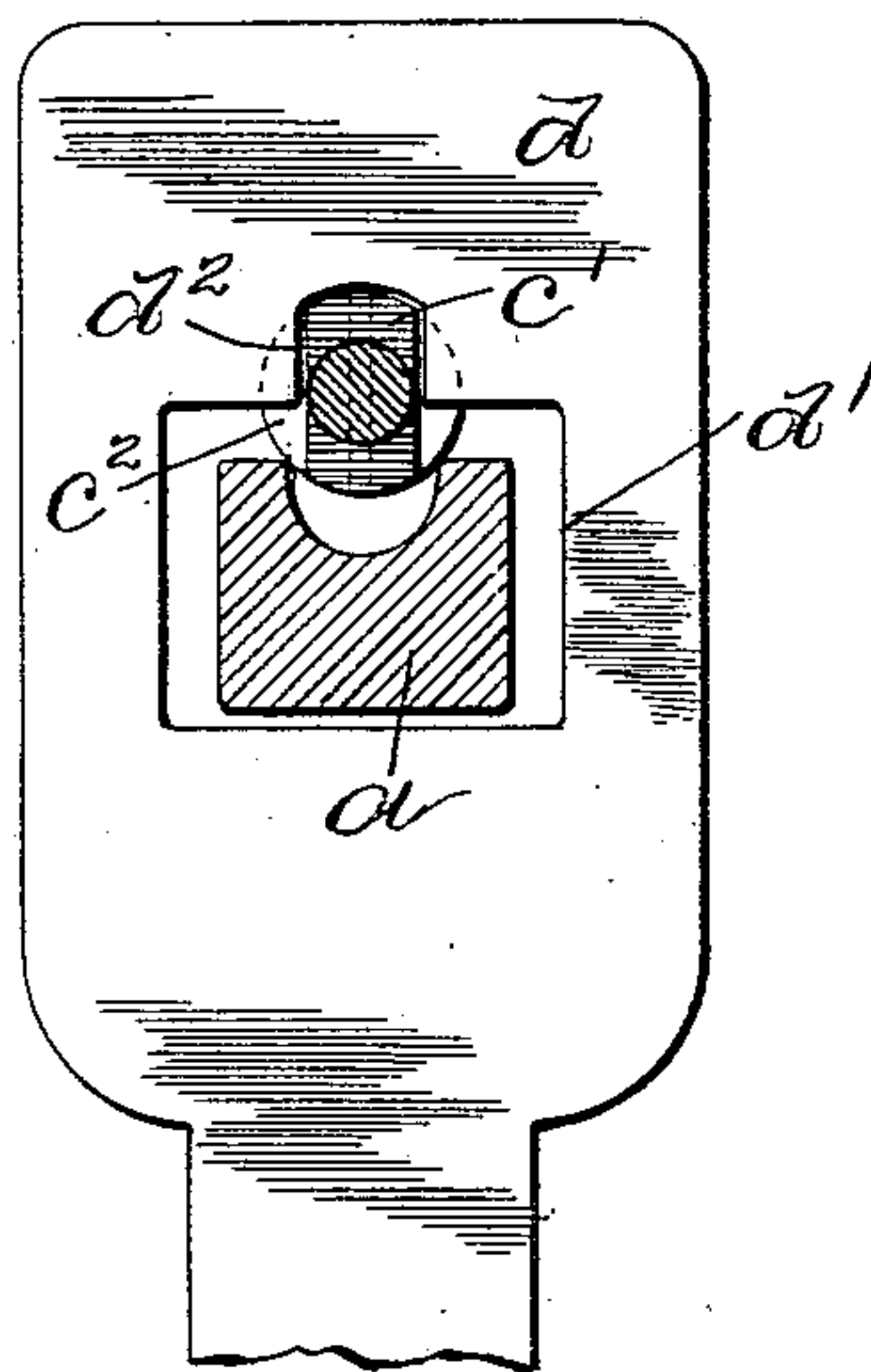
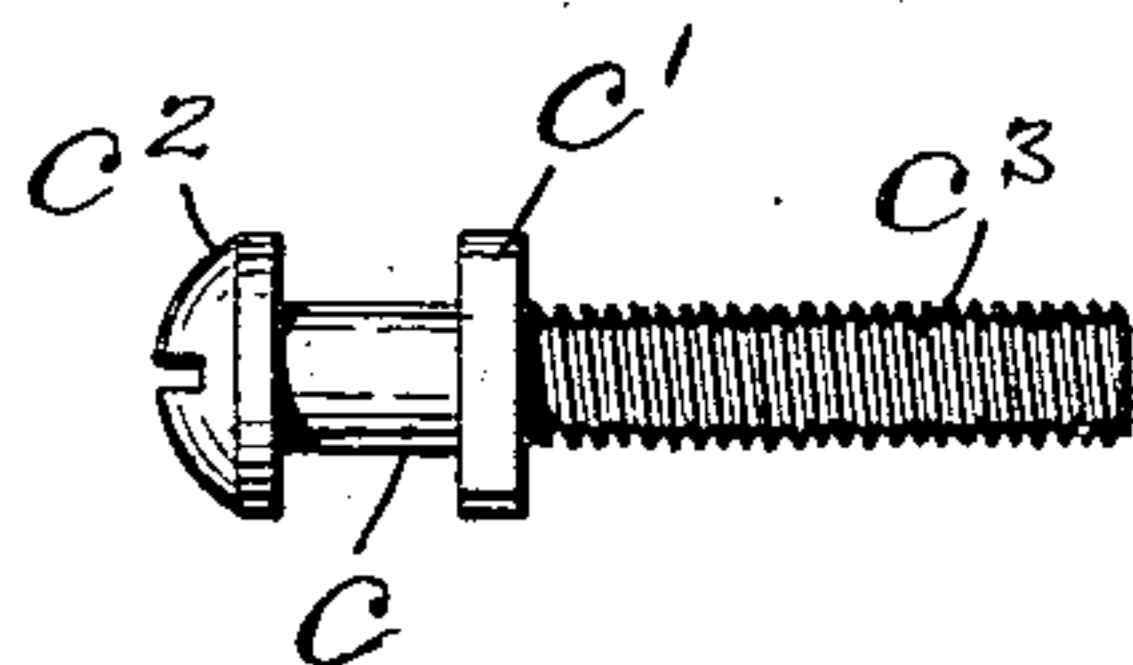


Fig. 4.



WITNESSES:

Ada E. Hagerly
Chas. D. Luther

INVENTOR:

Ezra Dixon
by Joseph H. Miller & Co.
ATTORNEYS:

UNITED STATES PATENT OFFICE.

EZRA DIXON, OF BRISTOL, RHODE ISLAND.

TOP-ROLL SADDLE AND STIRRUP.

SPECIFICATION forming part of Letters Patent No. 733,703, dated July 14, 1903.

Application filed October 16, 1902. Serial No. 127,547. (No model.)

To all whom it may concern:

Be it known that I, EZRA DIXON, a citizen of the United States, residing at Bristol, in the county of Bristol and State of Rhode Island, have invented a new and useful Improvement in Top-Roll Saddles and Stirrups, of which the following is a specification.

This invention has reference to the top-roll saddles of spinning-machines; and it consists in the peculiar and novel construction of the saddle and the weight-strap, more fully set forth hereinafter.

Top-roll saddles require to be flexibly connected with the weight-strap, so as to permit of the adjustment of the top roll.

The object of this invention is to so connect the weight-strap with the top-roll saddle that on removing the saddle the strap may remain connected with the saddle.

Figure 1 is an end view of the top rolls of a spinning-machine, showing the rear and front saddles supported on the same and the front saddle connected with the weight-strap. Fig. 2 is a transverse sectional view of the front saddle, showing the weight-strap connected with the saddle. Fig. 3 is a transverse sectional view showing the weight-strap disconnected from the saddle. Fig. 4 is a side view of the member connecting the weight-strap with the saddle.

In the drawings, *a a* indicate the top rolls; *a'*, the rear saddle; *b*, the front saddle; *b'*, a raised boss on the front saddle, and *c* a member rotatably connected with the front saddle and having the turn-button *c'* and the head *c²* placed a sufficient distance apart to receive the weight-strap *d*. In the preferred form the member *c* has the screw-threaded shank *c³* in screw-thread engagement with the saddle. The weight-strap *d* has the opening *d'* of a shape and size sufficient to permit of the insertion of the front saddle and has also the

notch *d²* of a shape and size to permit of the passage of the turn-button *c'* through the same when the turn-button is in the vertical position. (Shown in Fig. 3.) When the turn-button is in the locked position, (shown in Fig. 2,) the weight-strap is securely yet flexibly connected with the saddle, so that the saddle may be removed without disconnecting the strap and without disturbing its adjustment.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. The combination with a top-roll saddle and a weight-strap, said weight-strap formed with an opening and a notch, of a member rotatably connected with the saddle and provided with a turn-button and a head, as described.

2. In a top-roll saddle, the combination with the saddle, of a member rotatably connected with the saddle and provided with a turn-button, and a weight-strap, substantially as described.

3. The combination with the top-roll saddle of the member *c* having the head *c²*, the turn-button *c'*, and the screw-threaded shank *c³* for connection with the saddle, as described.

4. In a top-roll saddle, the combination with the saddle, the member *c* rotatably connected with the saddle, and a turn-button on the member, of a weight-strap having an opening for the insertion of the saddle, and a notch registering with the member *c*, as described.

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

EZRA DIXON.

Witnesses:

ADA E. HAGERTY,
JOS. A. MILLER, Jr.