

No. 754,288.

PATENTED MAR. 8, 1904.

E. DIXON.
TOP ROLL SADDLE.

APPLICATION FILED AUG. 12, 1903.

NO MODEL.

Fig. 1.

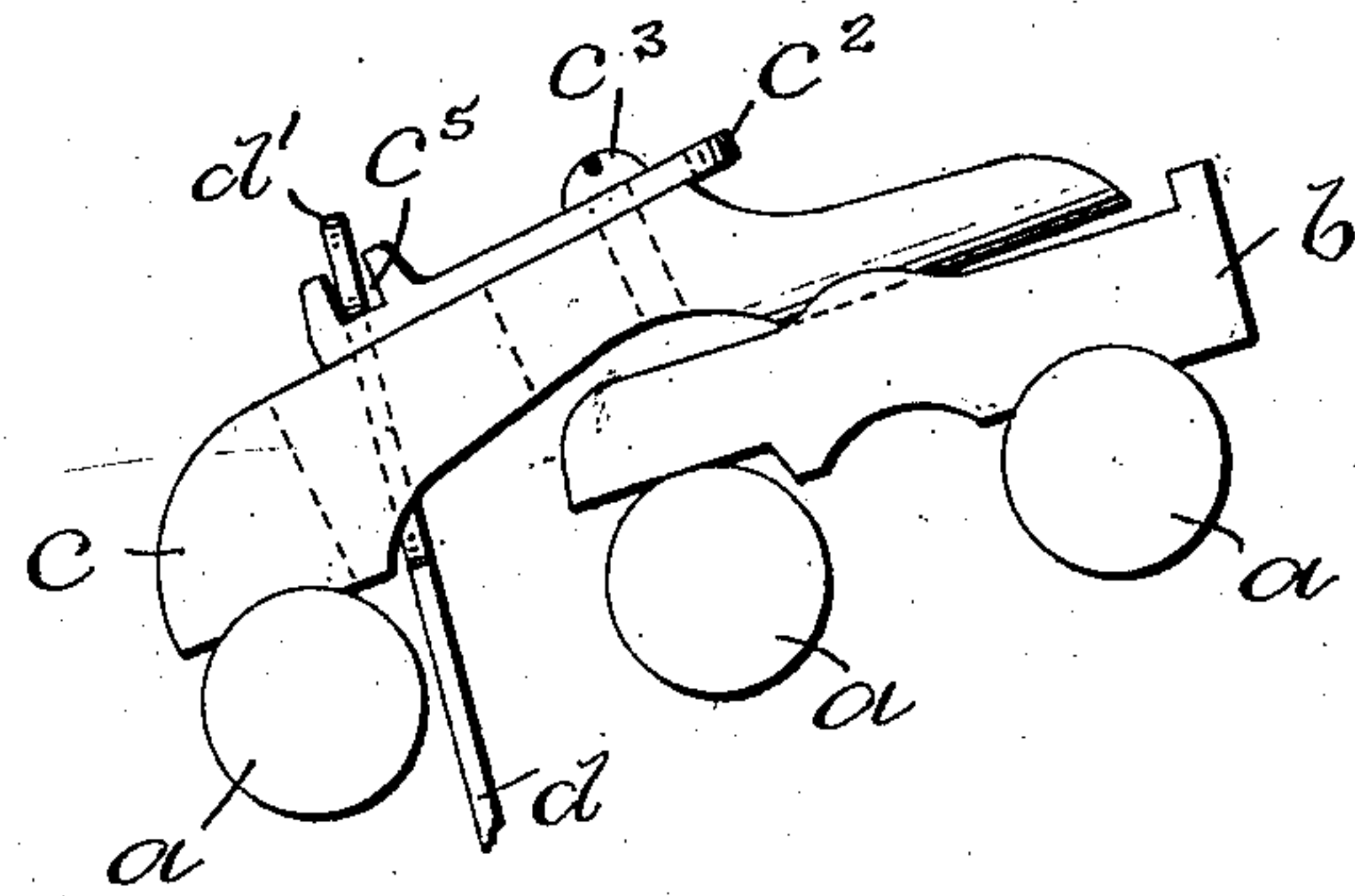


Fig. 2.

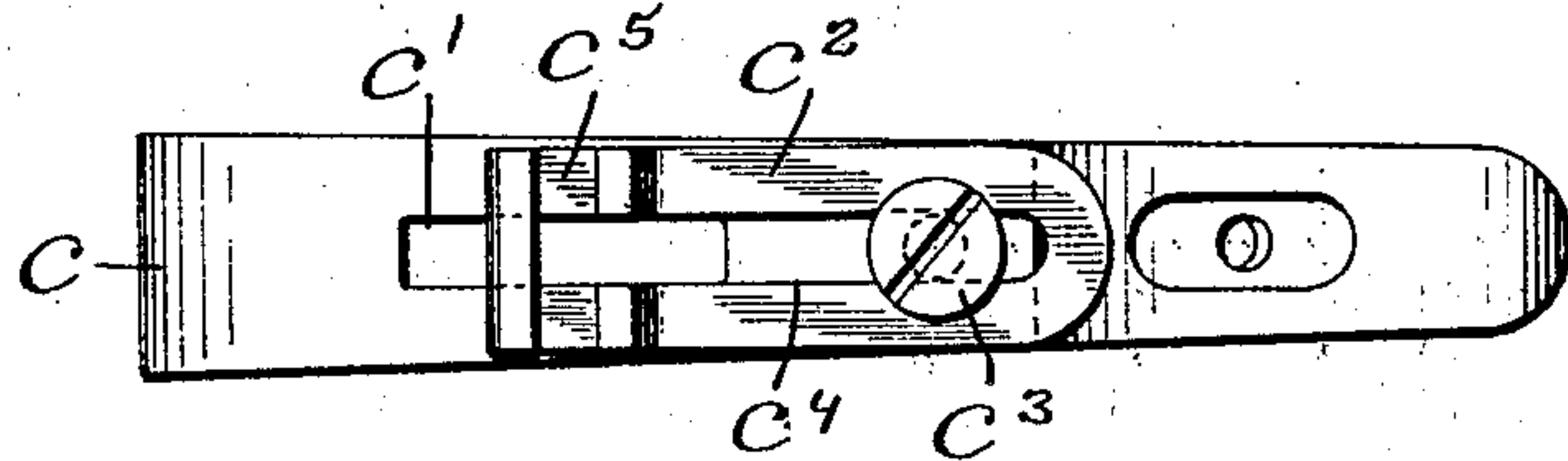


Fig. 3.

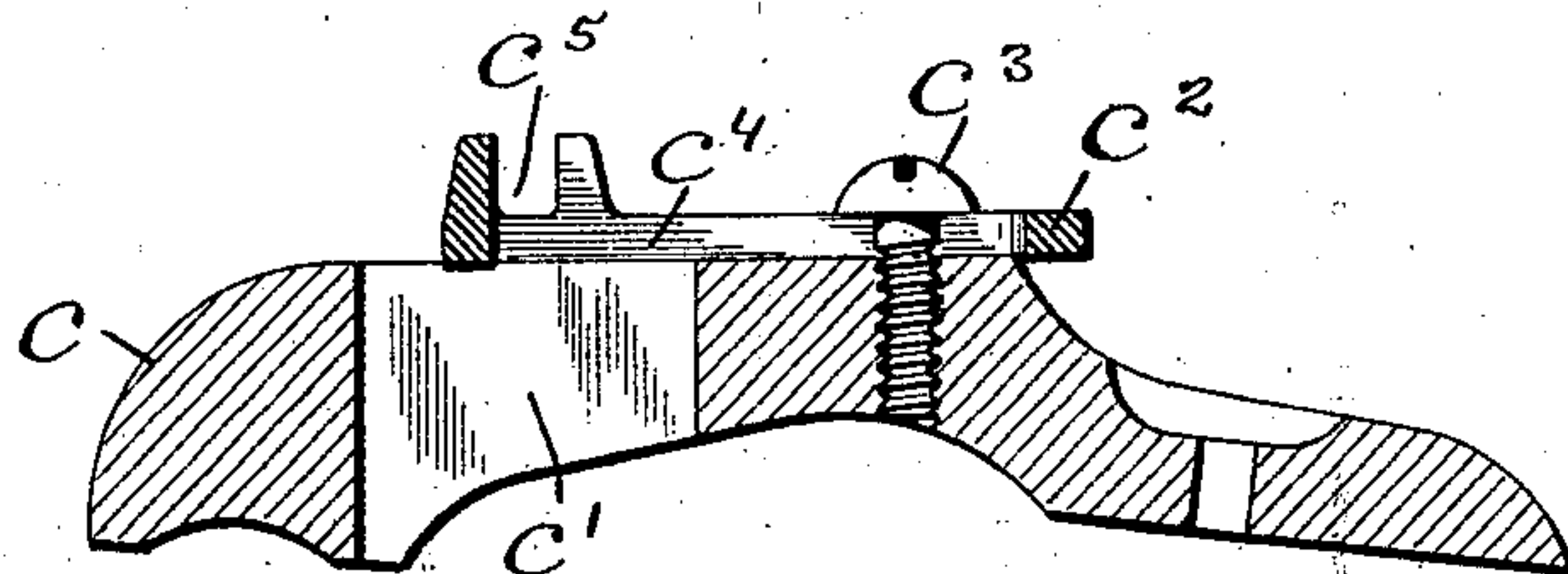
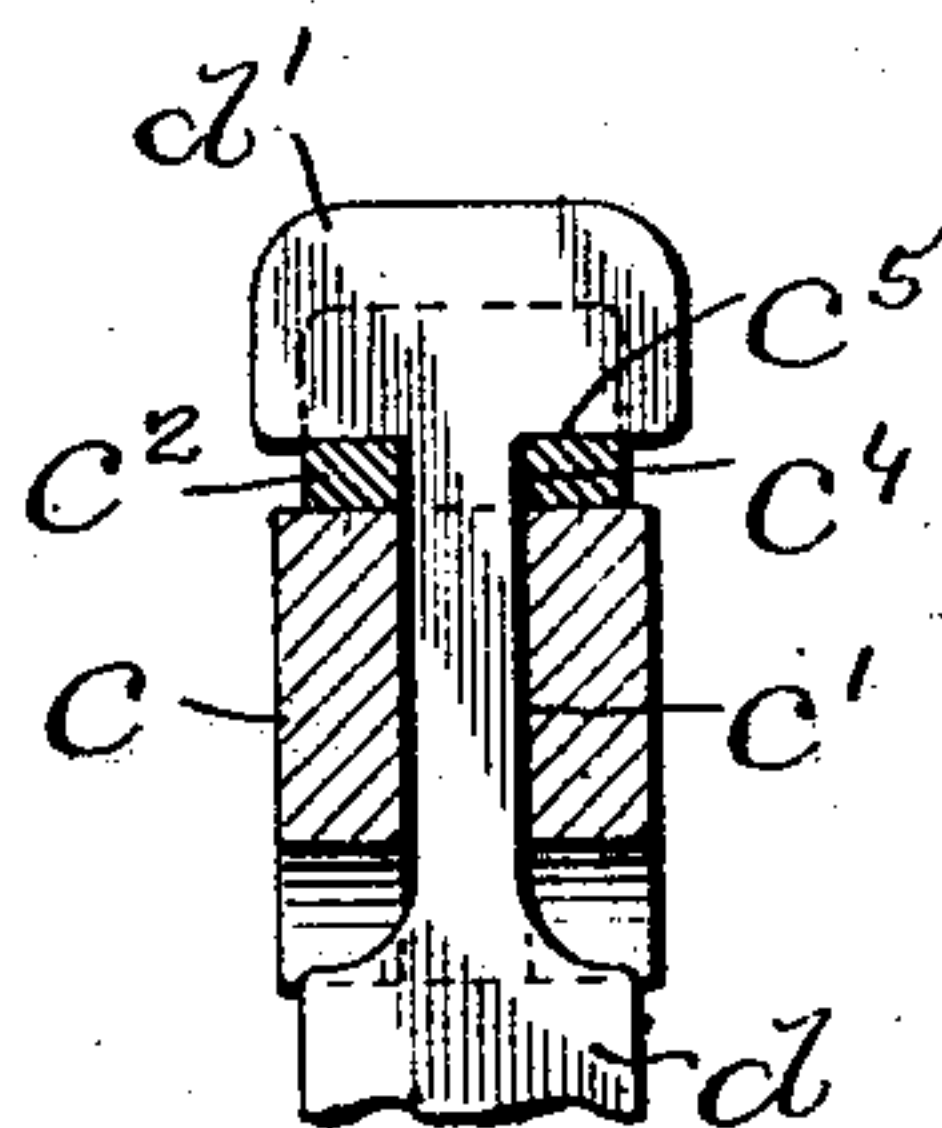


Fig. 4.



WITNESSES:

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UNITED STATES PATENT OFFICE.

EZRA DIXON, OF BRISTOL, RHODE ISLAND.

TOP-ROLL SADDLE.

SPECIFICATION forming part of Letters Patent No. 754,288, dated March 8, 1904.

Application filed August 12, 1903. Serial No. 169,204. (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, of which the following is a specification.

This invention has reference to an improvement in top-roll saddles, and more particularly to an improvement in the mechanism for adjustably connecting the weight-strap to the saddle.

In top-roll saddles it is essential to adjustably connect the weight-strap to the front top-roll saddle, whereby the position of the saddle on the top rolls may be adjusted and the pressure of the saddle on the top rolls changed when required.

The object of my invention is to adjustably connect the weight-strap with the front top-roll saddle through a slot in the saddle.

My invention consists in the peculiar and novel construction of the front top-roll saddle and the upper end of the weight-strap, said saddle having a slot for the weight-strap and a slide adjustably secured to the saddle by a set-screw extending through a slot in the slide coinciding with the slot in the saddle, with means on the slide for holding the T-shaped upper end of the weight-strap, as will be more fully set forth hereinafter.

Figure 1 is a side view of the front and rear top-roll saddles, showing the saddles bearing on the journals of the top rolls and the front saddle provided with an adjustable slide to which the upper end of the weight-strap is connected through slots in the saddle and slide. Fig. 2 is an enlarged plan view of the front top-roll saddle, showing the slot in the adjustable slide coinciding with the slot in the saddle for the upper end of the weight-strap. Fig. 3 is a sectional view taken lengthwise through the front top-roll saddle, and Fig. 4 is a transverse sectional view through the front top-roll saddle, showing the upper end of the weight-strap extending through the slots in the saddle and slide and supported by its T-shaped end on the slide.

In the drawings, *a a* indicate the journals of the top rolls; *b*, the back saddle; *c*, the front

saddle, and *d* the weight-strap. The back saddle *b* is constructed in the usual way to form bearings for the back and intermediate top-roll journals and to support the rear end of the front saddle. The forward end of the front saddle *c* has the usual bearing for the journal of the front top roll, and extending downwardly through the front saddle is the elongated slot *c'* for the weight-strap *d*. The slide *c''* is adjustably secured on the top of the front saddle *c* by the set-screw *c'''* passing through the elongated slot *c''* in the slide. The T-shaped end *d'* of the weight-strap *d* is supported in the groove *c''*, formed by upwardly-turned lips on the forward end of the slide *c''*.

The upper end of the weight-strap *d* is passed upward through the slot *c'* in the saddle and the slot *c''* in the slide and given a quarter-turn to bring the T-shaped end *d'* over and into the groove *c''* in the slide *c''*. The slide may now be adjusted to bring the weight-strap into the position required and secured by tightening the set-screw *c'''*. In its operative position the weight-strap is locked to the front saddle and is removed from the saddle by moving the slide *c''* into its extreme forward position on the saddle. This allows the T-shaped end of the weight-strap to pass downward through the slot *c'* in the slide and the slot *c'* in the front saddle. The slide *c''* is held from lateral movement by the set-screw *c'''* and the stem of the T-shaped end of the weight-strap extending through the slot in the slide and the slot in the saddle.

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

1. A top-roll saddle having an elongated slot, a slide on the saddle having an elongated slot coinciding with the slot in the saddle, means for adjustably securing the slide to the saddle, and means on the slide for holding the upper end of a weight-strap, as described.

2. The combination with a front top-roll saddle having an elongated slot, of a slide on the saddle having an elongated slot coinciding with the slot in the saddle, means for adjustably securing the slide to the saddle, a weight-strap having a T-shaped upper end, and means on the slide for holding the T-shaped upper end of the weight-strap, as described.

3. In top-roll saddles, the combination with the back saddle *b*, the front saddle *c* having the slot *c'*, the slide *c''* adjustably secured to the saddle *c* by the set-screw *c'''* through the slot *c'''* in the slide, and the weight-strap *d* having the T-shaped upper end *d''* adapted to extend through the slot in the saddle and the slot in the slide to engage with the groove *c''''* in the slide to adjustably connect the weight-

strap to the front top-roll saddle and prevent lateral movement of the slide, as described.

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

EZRA DIXON.

Witnesses:

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