

(No Model.)

J. B. LOCKWOOD.
NECK YOKE.

No. 550,186.

Patented Nov. 19, 1895.

Fig 1

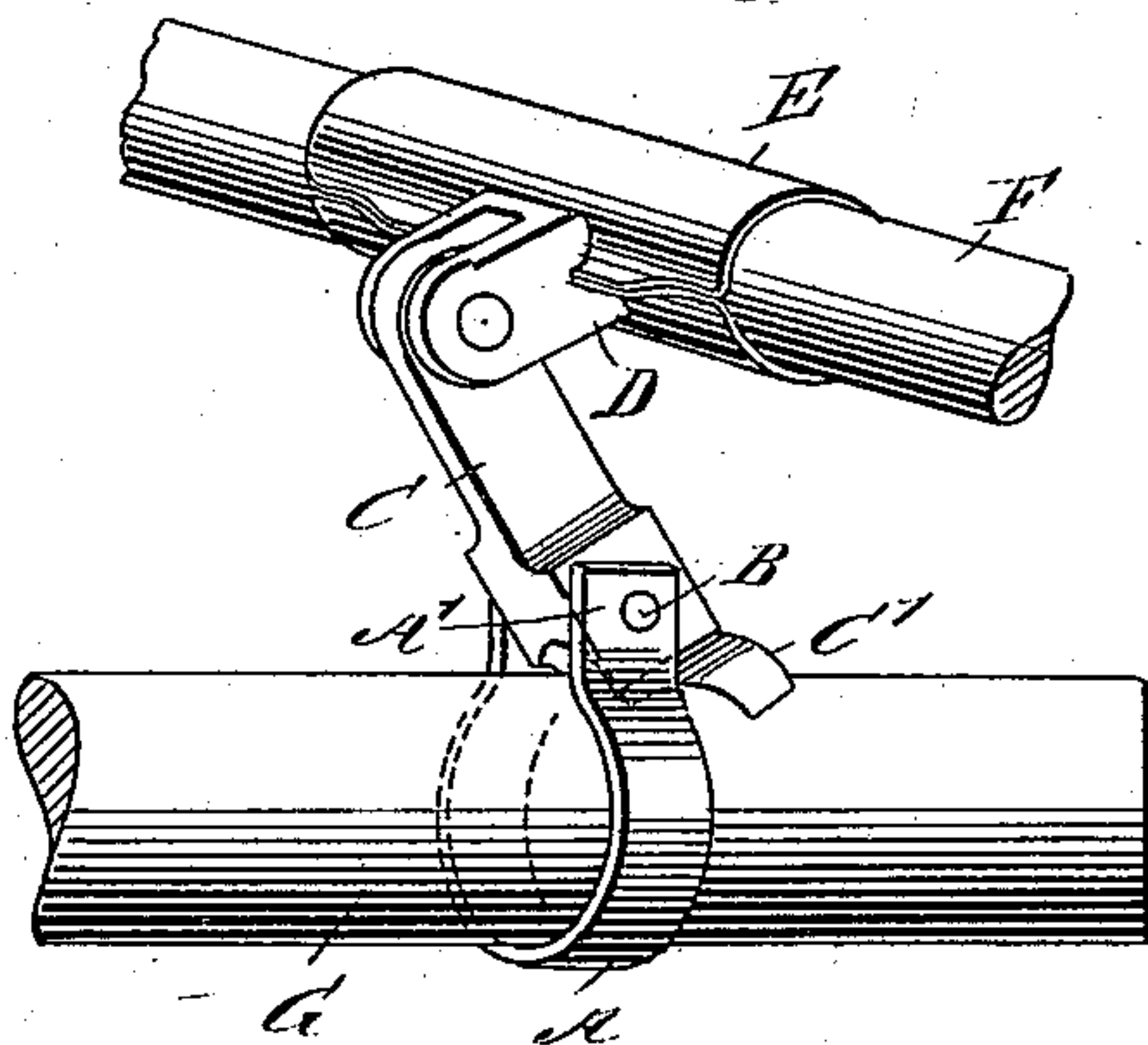


Fig. 2.

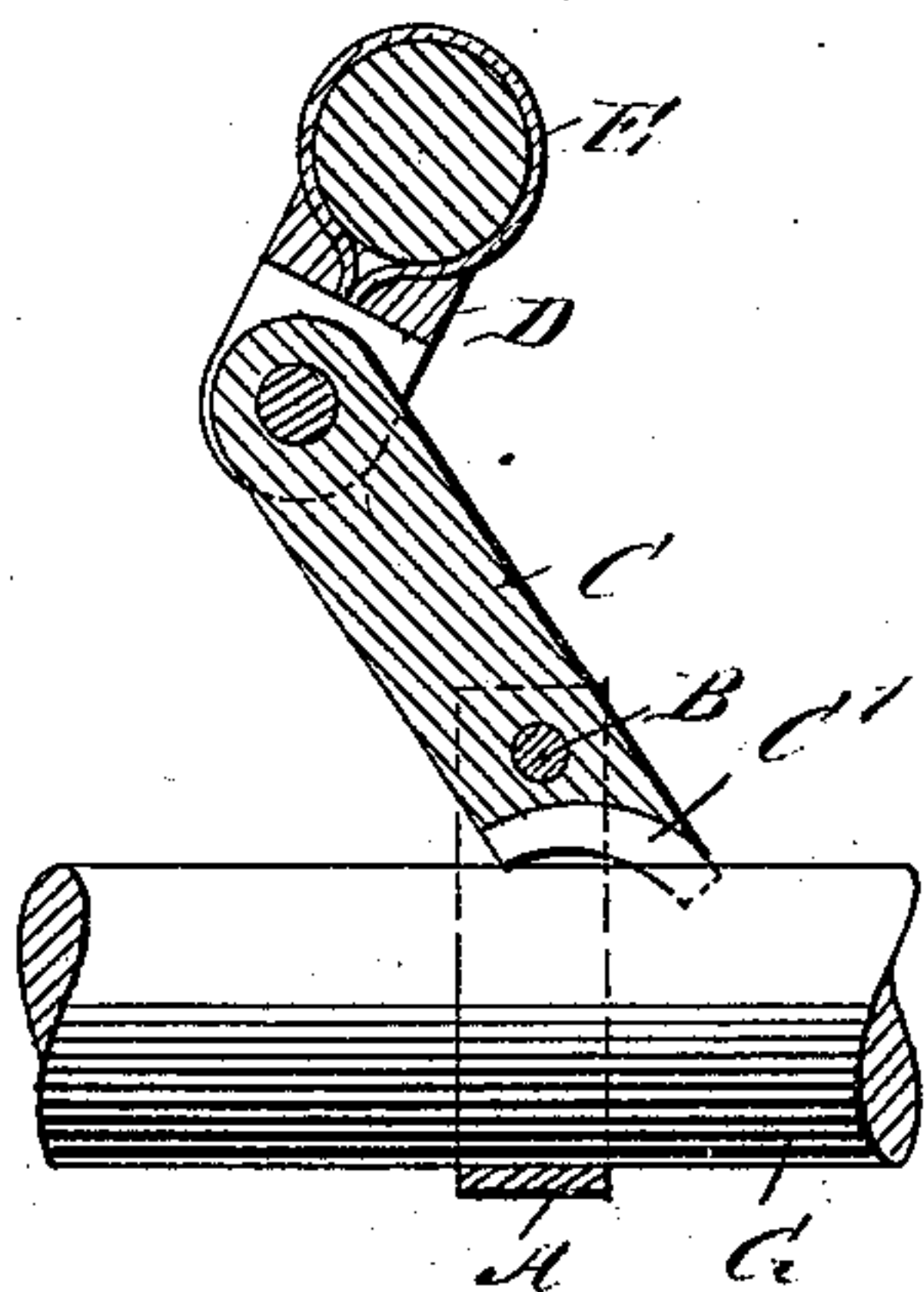


Fig 3.

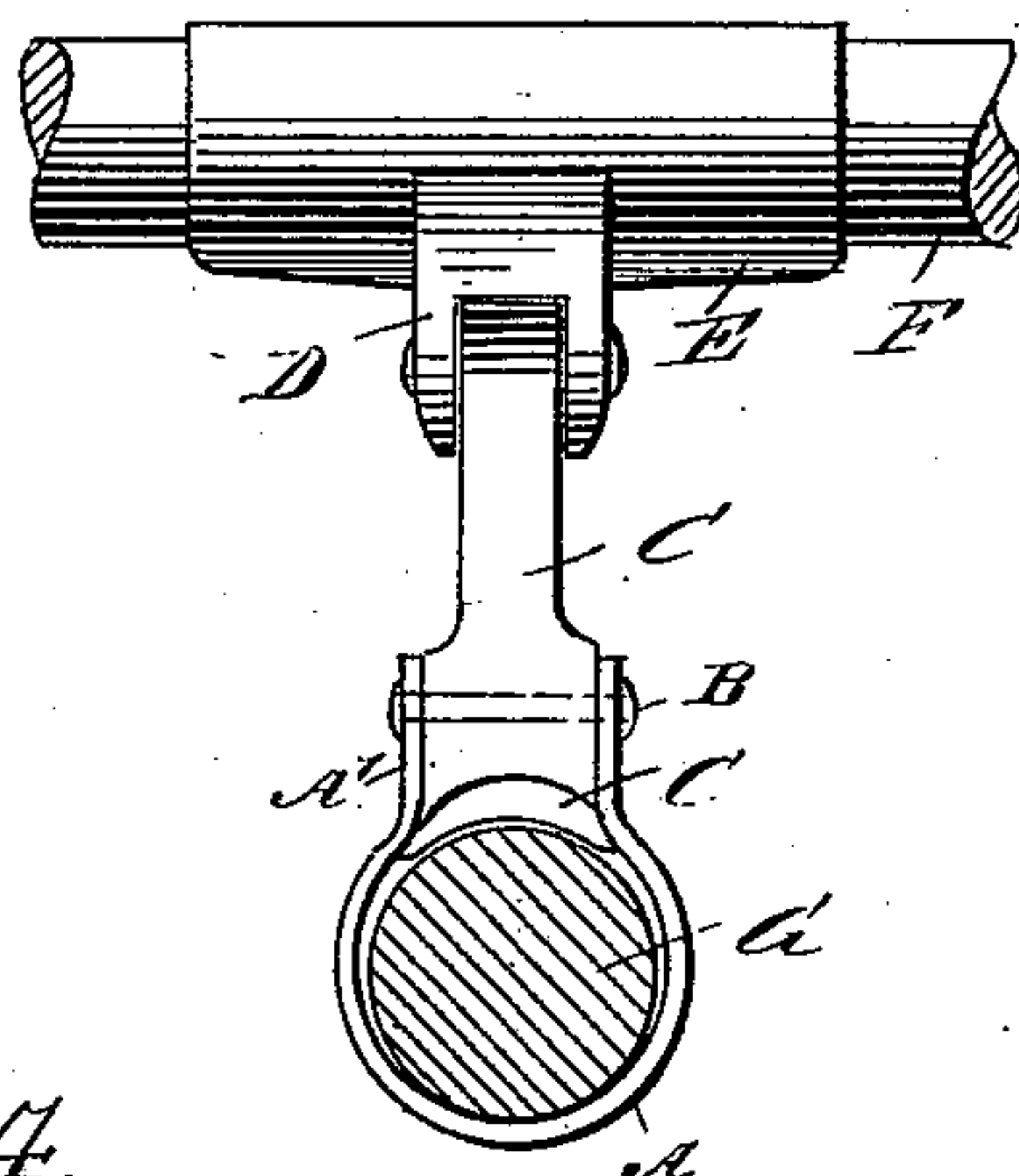
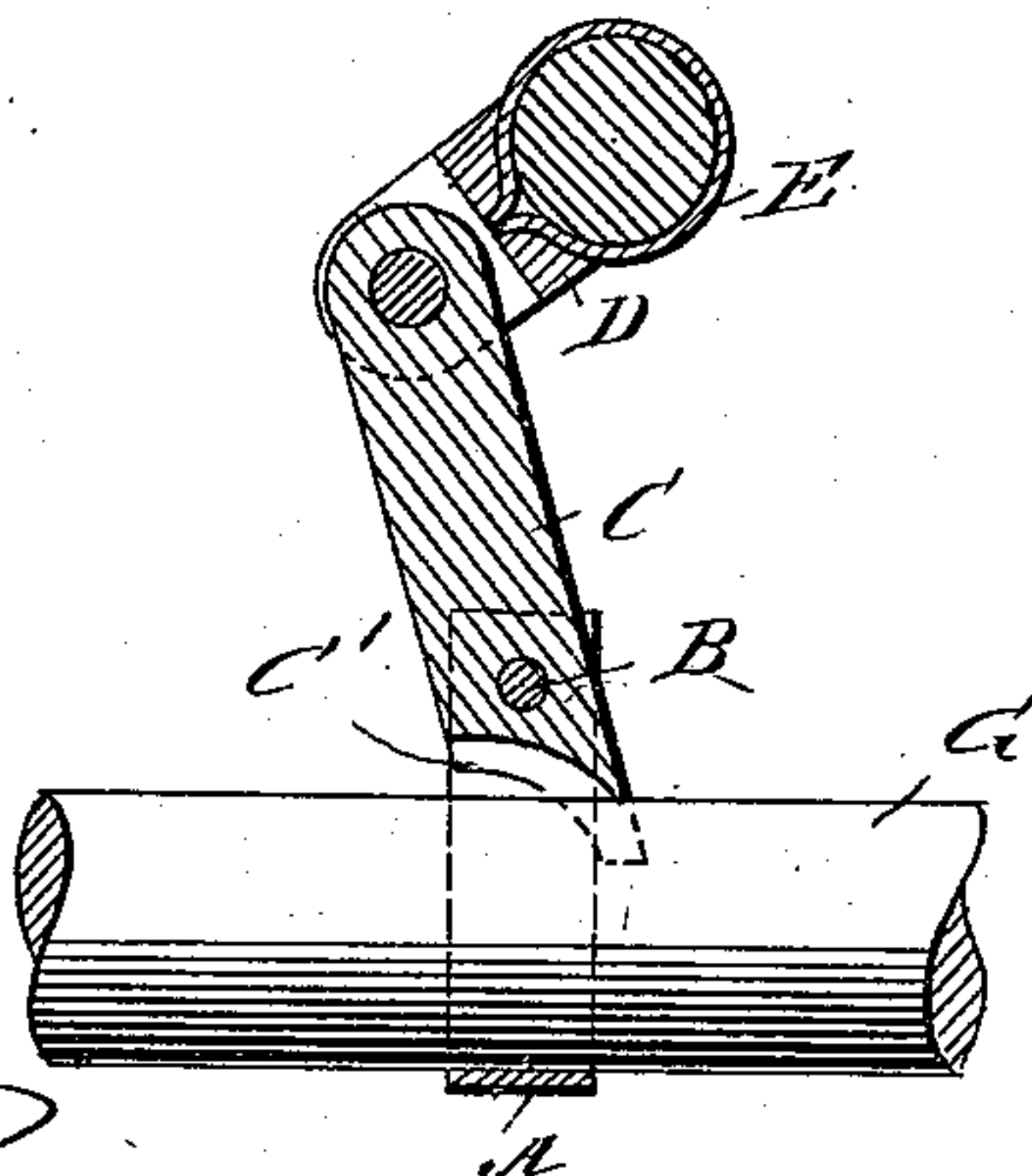


Fig 4.



WITNESSES:

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JOHN B. LOCKWOOD, OF HELENA, MONTANA.

NECK-YOKE.

SPECIFICATION forming part of Letters Patent No. 550,186, dated November 19, 1895.

Application filed December 27, 1894. Serial No. 533,092. (No model.)

To all whom it may concern:

Be it known that I, JOHN B. LOCKWOOD, of Helena, in the county of Lewis and Clarke and State of Montana, have invented a new and Improved Neck-Yoke, of which the following is a full, clear, and exact description.

The invention relates to neck-yokes; and its object is to provide a new and improved pole-support which is simple and durable in construction and arranged to properly support a vehicle-pole to securely hold and lock it in position and positively prevent the pole from becoming accidentally detached and dropping to the ground.

The invention consists in certain parts and details and combinations of the same, as will be hereinafter fully described, and then pointed out in the claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of the improvement as applied. Fig. 2 is a sectional side elevation of the same. Fig. 3 is a front elevation of the same; and Fig. 4 is a sectional side elevation of the improvement, showing the pole clamped in the eye.

The improved pole-support is provided with an eye A, made in the shape of an open ring having flanges A', connected by a pivot B with the lower end of a clamping-bar C, the upper end of which is perforated and pivoted by means of a pivot-pin between perforated lugs D, projecting from the sleeve E, fixed to the yoke F in the usual manner, the pivots at opposite ends of the clamping-bar C extending transversely of the said bar. The lower edge C' of the clamping-bar C extends a suitable distance into the open end of the eye A, and this lower edge is formed with a cam-surface adapted to engage the top of the vehicle-pole G at a time when the latter is passed through the eye A and a forward pull is given to the neck-yoke F by one or both horses of the team. When this pull is exerted, the cam-surface of the clamping-bar C firmly

clamps or binds the pole G in the eye A, thus securely locking the pole I to prevent the eye from slipping off the pole.

It will be seen that by the arrangement described the vehicle-pole G is properly supported at all times in the eye A, and in case of a sudden pull on the yoke F the pole is clamped in the eye to prevent accidental displacement and dropping of the pole to the ground. It will further be seen that the harder the pull in a forward direction on the neck-yoke F the tighter the bar C will be engaged with the top of the pole G, so that the slipping off of the eye from the vehicle-pole G is prevented. Moreover the yoke F is so pivoted to the clamping-bar C that it is not possible for it to swing on its pivot when pressed forwardly by either horse, but any forward pressure exerted thereon at either end is communicated directly to the pole G. At the same time the device permits of up-and-down movement of either end of the yoke F in a plane slightly inclined to the vertical.

By swinging the eye A rearwardly the cam-surface of the bar C readily moves out of contact with the pole G, so that the latter can be readily disengaged from the eye or placed in position therein in unhitching or hitching up.

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

A neck yoke comprising an eye adapted to receive the pole a clamping bar having its lower end pivoted to the eye and provided with a cam surface to engage the pole, whereby the latter is clamped to the eye, and a sleeve to receive the yoke having lugs pivoted to the upper end of the clamping bar, the pivot pins at opposite ends of the clamping bar being arranged transversely of the said bar and parallel to each other, substantially as set forth.

JOHN B. LOCKWOOD.

Witnesses:

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JOSEPH HOOPER.