

No. 679,342.

Patented July 30, 1901.

J. A. SIFFORD & T. SHAVER.  
CLAMPING DEVICE FOR LOG WAGONS.

(Application filed Nov. 23, 1900.)

(No Model.)

Fig. 1.

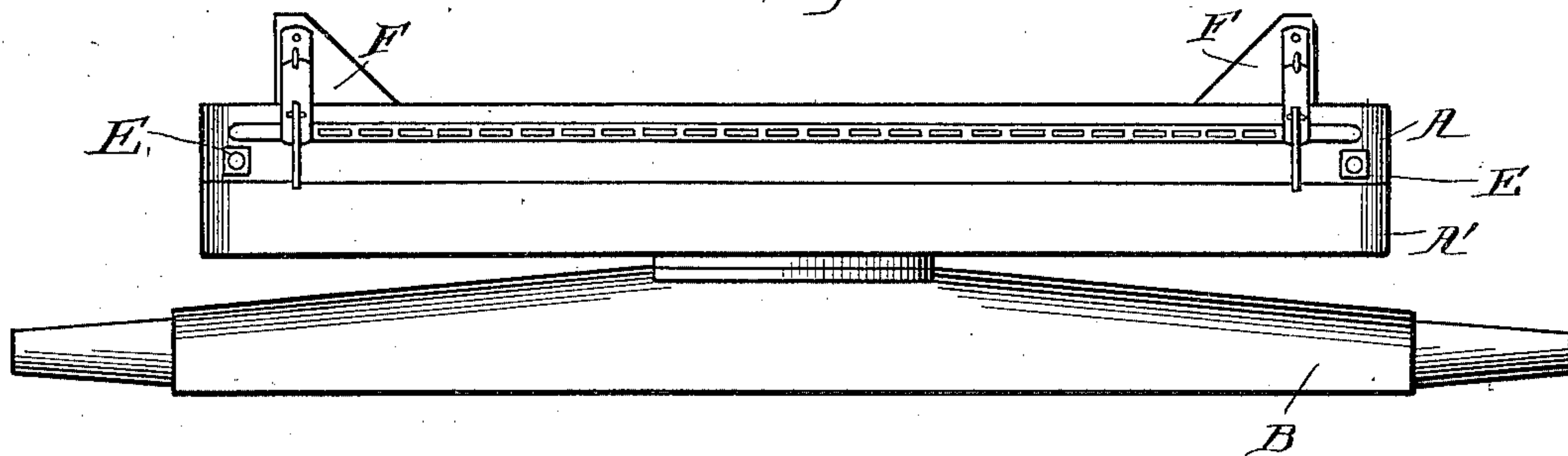


Fig. 2.

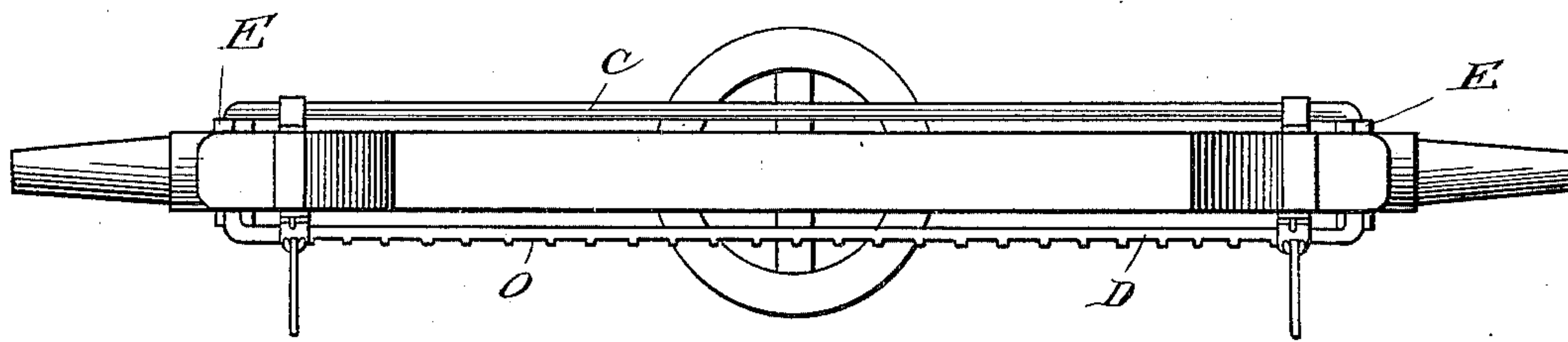


Fig. 3.

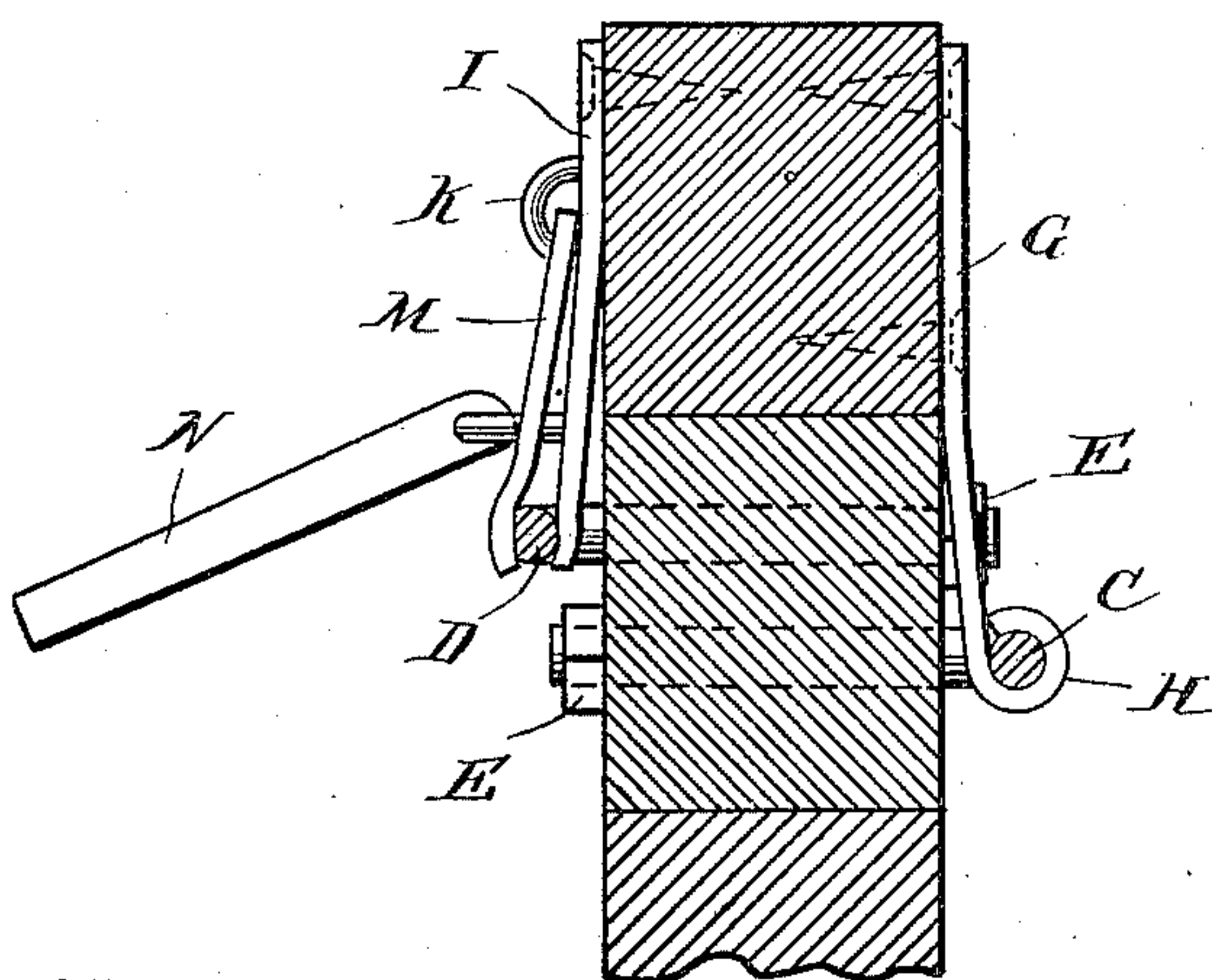
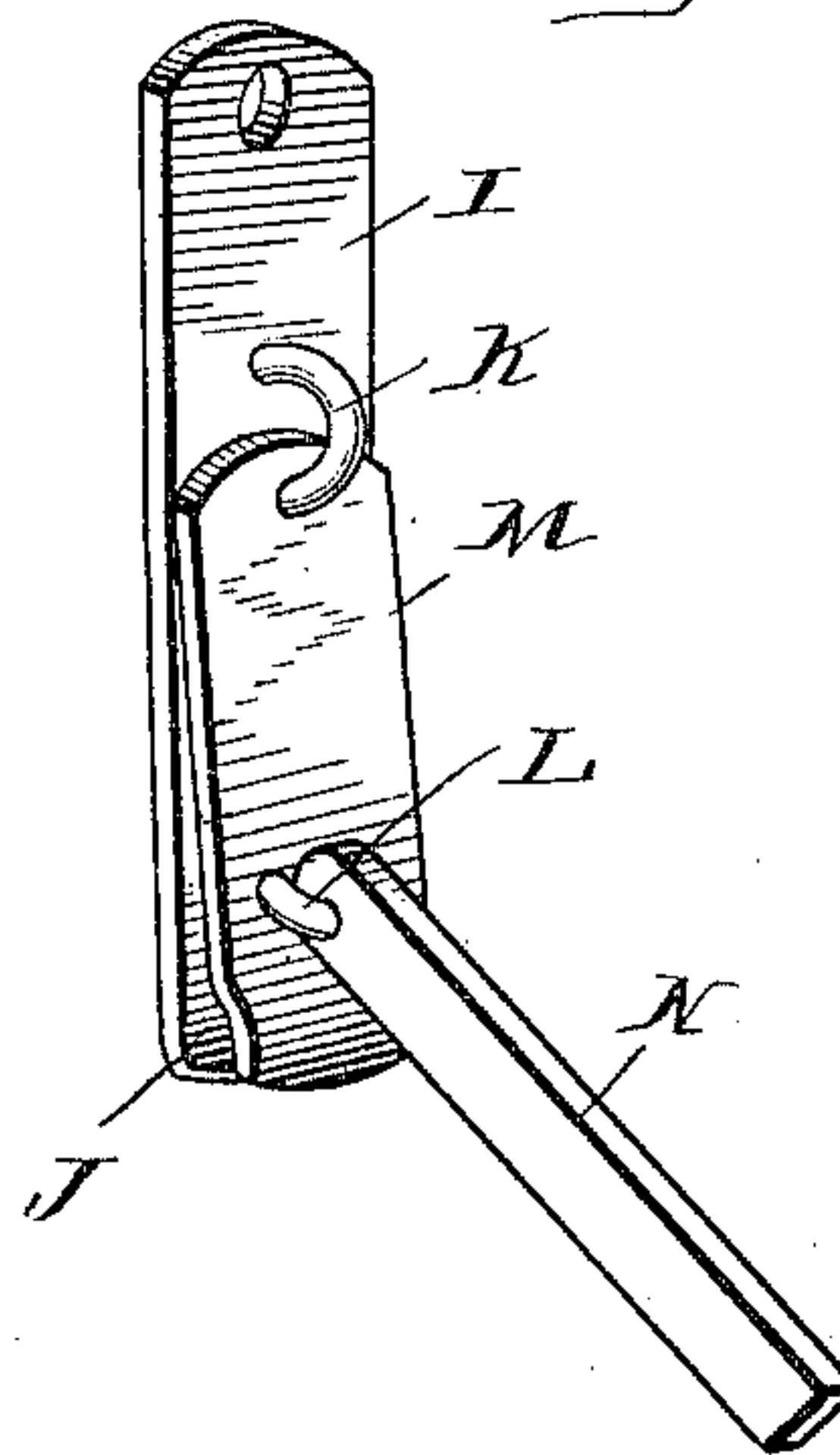


Fig. 4.



Witnesses

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# UNITED STATES PATENT OFFICE.

JOHN A. SIFFORD AND THOMAS SHAVER, OF CHERRY VALLEY, ARKANSAS.

## CLAMPING DEVICE FOR LOG-WAGONS.

SPECIFICATION forming part of Letters Patent No. 679,342, dated July 30, 1901.

Application filed November 23, 1900. Serial No. 37,515. (No model.)

*To all whom it may concern:*

Be it known that we, JOHN A. SIFFORD and THOMAS SHAVER, citizens of the United States, residing at Cherry Valley, in the county of Cross and State of Arkansas, have invented a new and useful Improvement in Clamping Devices for Log-Wagons, of which the following is a specification.

This invention relates to improvements in a clamping device for log-wagons; and the object is to provide a simple and effective construction of clamp which may be quickly and readily operated to hold the logs firmly and securely in place upon the wagon, sled, or other vehicle used for hauling logs.

With the above object in view the invention consists in the novel features of construction hereinafter fully described, particularly pointed out in the claims, and clearly illustrated by the accompanying drawings, in which—

Figure 1 is a front elevation of a bolster mounted upon a wagon-axle and provided with our improved clamp; Fig. 2, a top plan view; Fig. 3, an enlarged transverse section taken on the line  $x x$  of Fig. 2, and Fig. 4 a perspective view of the swinging strap and clamping-lever.

Referring now more particularly to the drawings, A A' designates two bolsters mounted upon an axle B. Extending longitudinally of the bolster A and disposed on opposite sides thereof are guide-rods C and D, which are separated from the sides of the bolster and are secured thereto by having their ends bent at right angles to extend transversely through the bolster and receive nuts E. Movable upon the upper edge of the bolster are clamping-blocks F, formed triangular in shape and having their inclined sides facing each other. Each block has secured to one side thereof a strap G, which extends below the block and has its lower end bent to form a loop H, embracing and moving upon guide-rod C. Pivoted to the opposite side of each block is a swinging strap I, also depending below the block and having its lower end bent to partially embrace guide-rod D, as illustrated at J, said lower end constituting a relatively-fixed jaw.

K and L designate two staples carried by strap I and projecting from the outer face thereof and disposed at right angles to each other, said staples being positioned near the respective ends of the strap.

Pivotally mounted upon strap I by means of staple K is a movable jaw M, which is perforated adjacent its end to receive the legs of staple L, upon which it is movable and which projects from the outer face thereof. The lower end of this jaw is also partially bent to embrace the guide-rod D. Pivotally mounted upon staple L and bearing against the outer face of the movable jaw is a clamping-lever N. Guide-rod D is formed with a series of recesses O of substantially the same width as the swinging strap I, so that when the same is swung downwardly the two jaws carried thereby will fit therein.

The operation of the invention will be readily understood, the blocks being adjusted toward each other to clamp the logs therebetween and having been properly adjusted are clamped in their adjusted positions by swinging the pivoted strap downwardly into engagement with the notched rod and operating the clamping-lever to cause the jaws of said strap to tightly engage said rod.

It will be understood, of course, that two of the blocks are provided for the rear bolster.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent of the United States, is—

1. The combination with a bolster carrying guide-rods, of a block adjustable upon the bolster and having a strap movable upon one of the guide-rods, and a relatively fixed and a movable jaw engaging the other guide-rod, and a clamping-lever for clamping said rod between said jaws, substantially as described.

2. The combination with a bolster having longitudinally-extending guide-rods on opposite sides, of a block movable upon said bolster and having a strap embracing and moving upon one of said guide-rods, a relatively fixed and a movable jaw carried by the block and engaging the other guide-rod, and a cam-clamping lever for causing said jaws to tightly engage the rod, substantially as described.

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3. The combination with a bolster having  
two guide-rods disposed on opposite sides  
thereof, of a block movable upon the bolster  
and having a strap embracing and moving  
5 upon one of said rods, a strap pivoted to the  
opposite side of the block and having a jaw  
on its lower end, a jaw pivoted to said strap,  
and a clamping-lever carried by said strap

for causing said jaws to firmly clamp the  
guide-rod therebetween, substantially as de- 10  
scribed.

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Witnesses:

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