

(No Model.)

M. THIEL.  
SHADE FIXTURE.

No. 453,026.

Patented May 26, 1891.

Fig. 1.

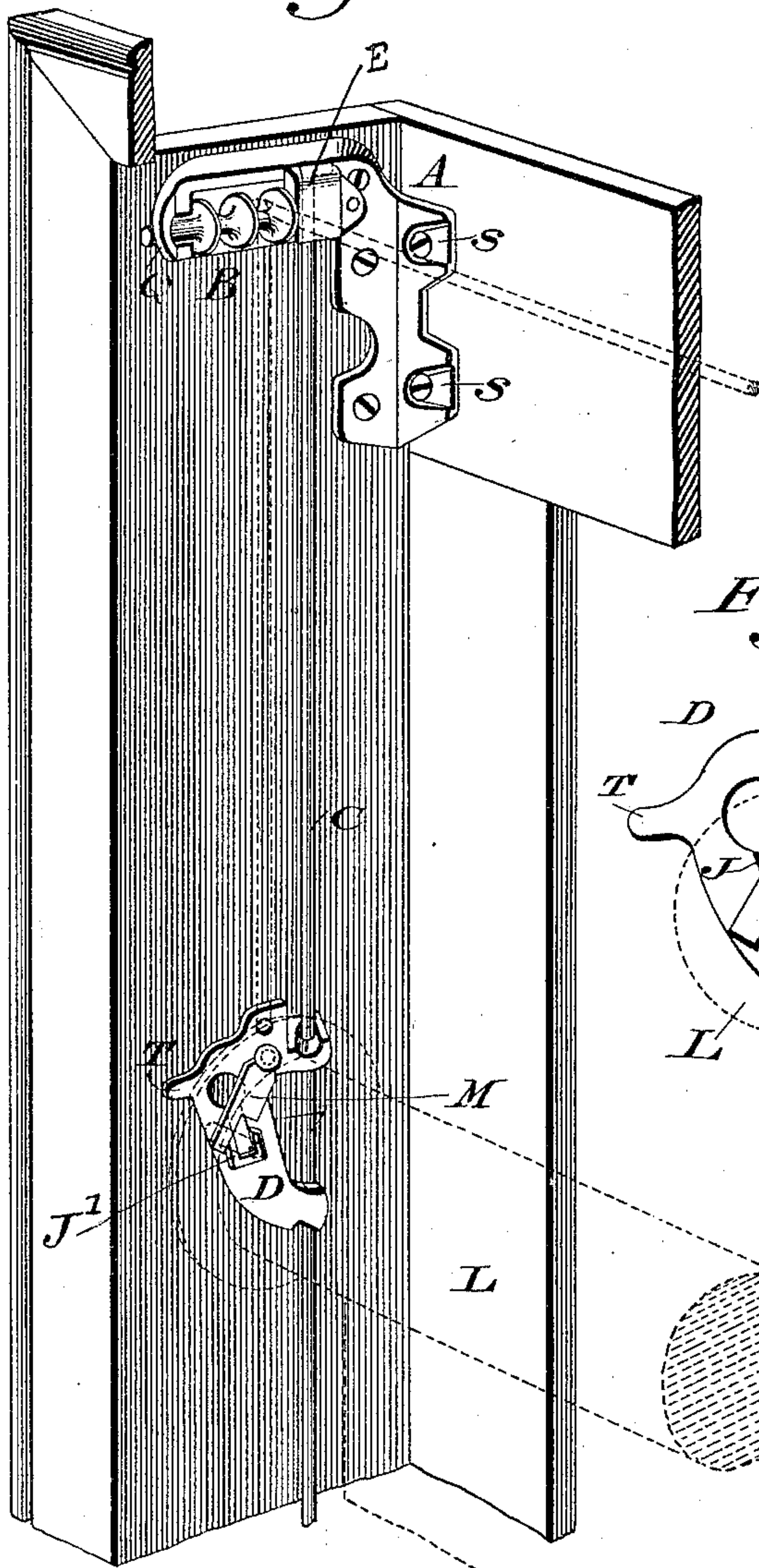


Fig. 4.

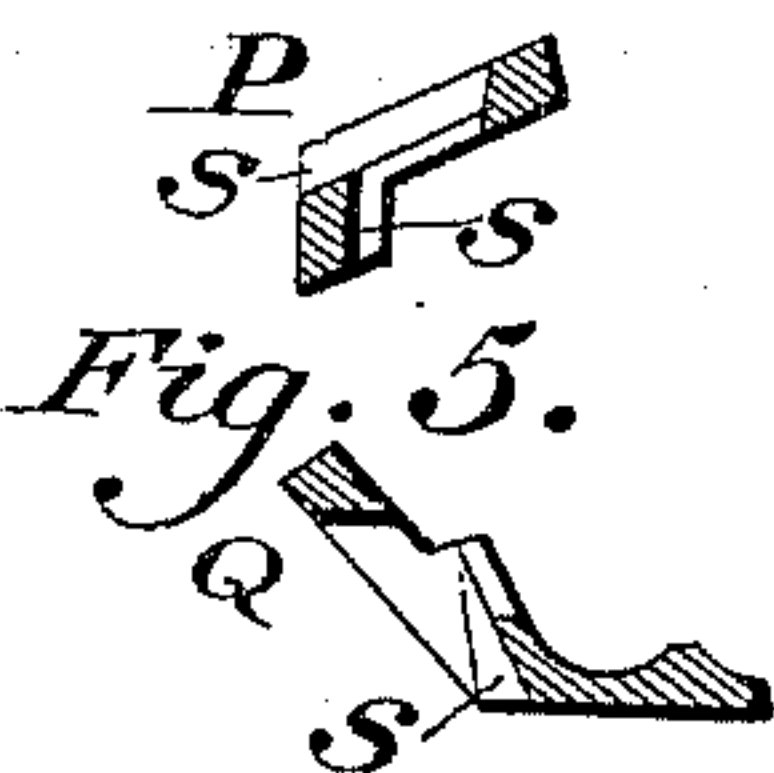


Fig. 5.

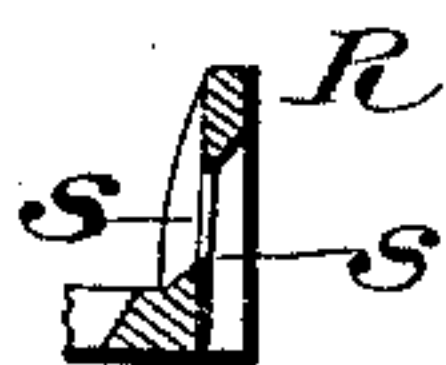
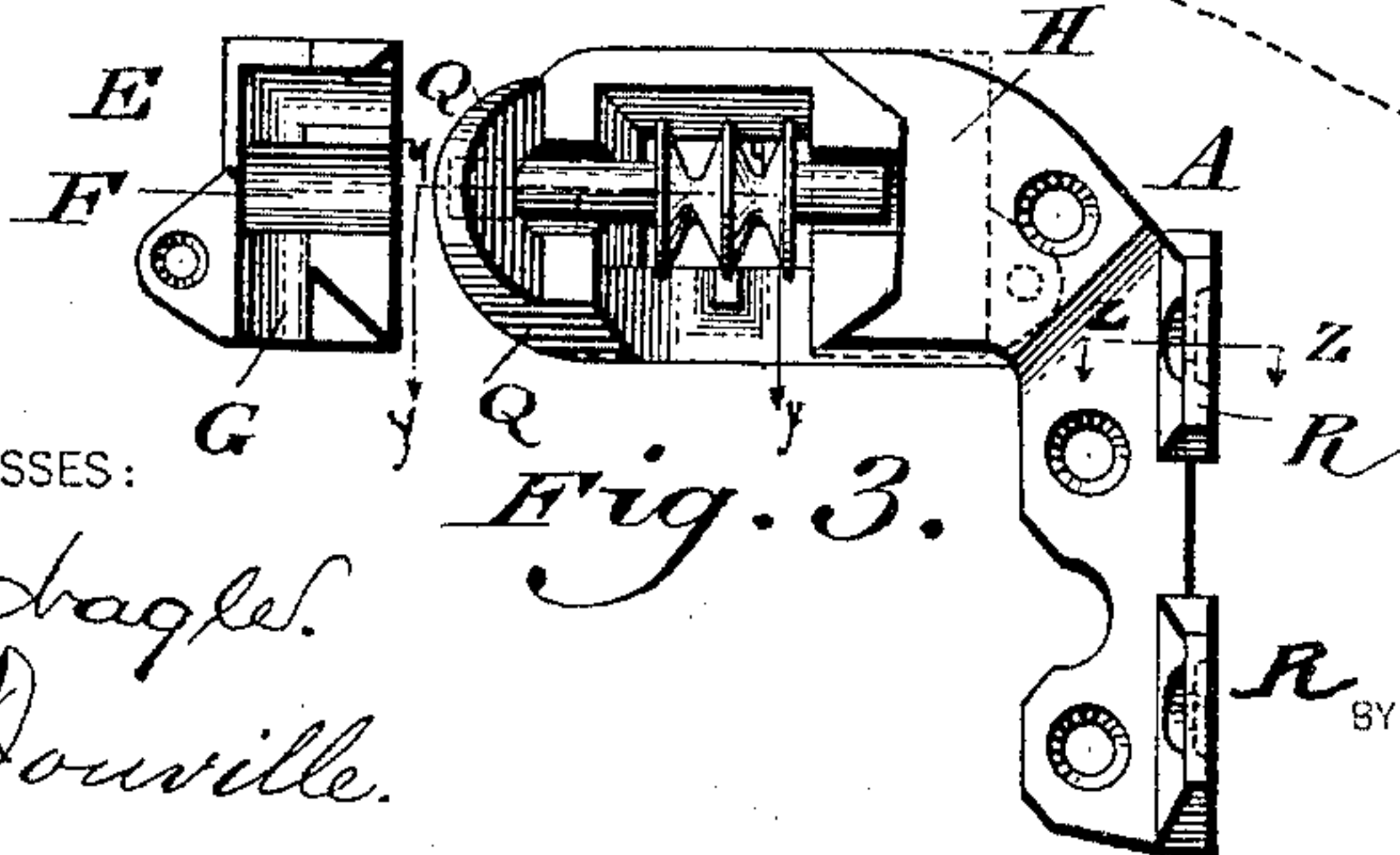
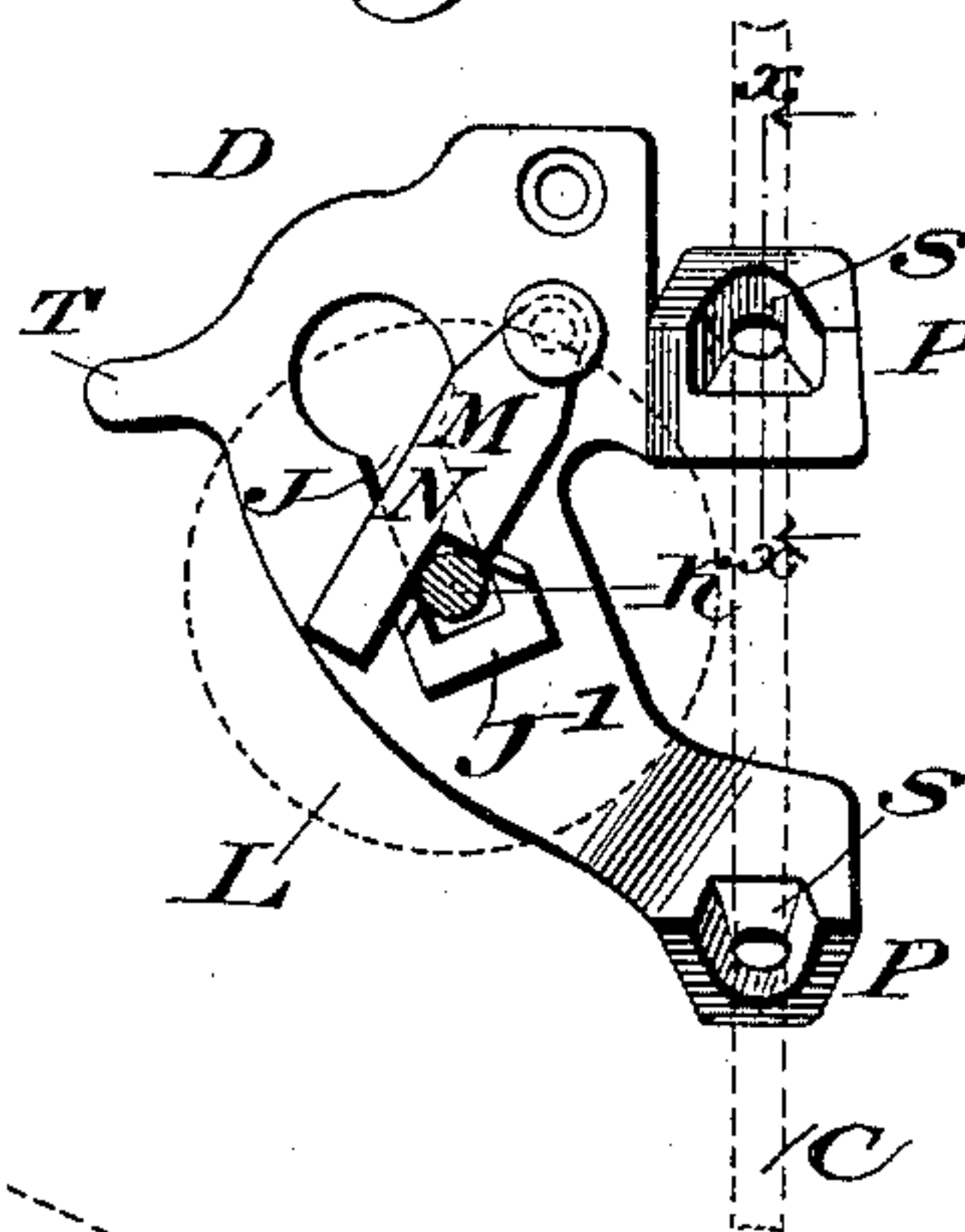


Fig. 6.

Fig. 2.



WITNESSES:

P. H. Nagel.  
L. Douville.

Fig. 3.

INVENTOR:

Max Thiel.  
John D. Dunderberg  
ATTORNEY.



# UNITED STATES PATENT OFFICE.

MAX THIEL, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO CHARLES W. HARRIS, OF HARTFORD, CONNECTICUT, AND FRED L. HONISS, OF NEWARK, NEW JERSEY.

## SHADE-FIXTURE.

SPECIFICATION forming part of Letters Patent No. 453,026, dated May 26, 1891.

Application filed September 27, 1889. Serial No. 325,249. (No model.)

*To all whom it may concern:*

Be it known that I, MAX THIEL, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Shade-Fixtures, which improvement is fully set forth in the following specification and accompanying drawings.

My invention relates to improvements in shade-fixtures, more particularly of the class having the rollers adapted to be raised and lowered; and it consists, first, of a traveler or carriage having an opening therein to receive the journal of the roller, and a latch pivoted to the traveler or carriage adapted to engage the journal of the roller to removably lock the same in position, and, second, in providing the traveler with eyes, an opening, and a lip, and a recessed latch, as will be more fully hereinafter set forth.

Figure 1 represents a perspective view of portion of a shade-fixture embodying my invention. Fig. 2 represents a side elevation of a detached part thereof on an enlarged scale. Fig. 3 represents a view of one of the cord-pulleys, the supporting-bracket therefor, and the cap which retains said pulley and the upper end of the guide rod in position. Figs. 4, 5, and 6 represent sections of detached portions, respectively, on lines *x x y y z z*, Figs. 2 and 3.

Similar letters of reference indicate corresponding parts in the several figures.

Referring to the drawings, A designates one of the brackets on which the cord-pulleys B are mounted, and to which the guide-rod C of the traveler D is secured.

E designates a cap, which has a horizontal groove F to receive a portion of the journal of the pulleys B, and a right-angular groove G to receive the bent end of the rod C, it being noticed that said end rests on the flat portion H of the bracket A, and is inclosed wholly in the angular groove of the cap E, the latter being riveted or otherwise secured to the bracket, thus firmly securing the upper end of the rod C in position. The traveler D is formed with the slot J to receive and support the journal K of the shade-roller L, the

latter being shown in dotted lines and being of any suitable construction. At the lower part of the slot J is formed a projection J', surrounding a part of the slot and forming an increased bearing for the journal of the roller, and also forms a lower stop for a latch, hereinafter more fully referred to. Pivoted to the traveler is a latch M, which is formed with a recess to provide a shoulder N, the latter freely resting upon the journal K, as will be seen in Fig. 2, and engaging therewith, so that the journal is prevented from rising, whereby the roller is retained in position. The latch is adapted to rest against the aforesaid projection J', and is thereby prevented from turning past its center. It is evident that the latch may be moved clear of the journal K and the latter raised in the slot J, so that the roller may be readily removed and reapplied, when so desired. The latch has its axis above the journal, so that it depends therefrom and retains its position by gravity. The eyes P, which run on the rod C, the eye Q, which forms a bearing for the journal of the pulleys B, and the eyes R, by which the bracket A is screwed or otherwise attached to window frame or casing, have their walls recessed, as at S, the recesses being of such nature that the openings or eyes may be formed during the operation of casting said parts, thus avoiding subsequent boring or drilling of the same.

T designates a lip which projects from the traveler or carriage D in a line into the apartment in which the shade is mounted and forms a guard at the side of the shade-roller, whereby the shade-cord is prevented from entering between the shade-pulley and traveler, and consequently from fouling therewith.

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

1. In a shade-fixture, a roller with a journal, a traveler or carriage D, having an opening J therein and a projection J' to receive the journal of the roller, and a latch M, pivoted to the side of the traveler and carriage, and having a recess to provide a shoulder N, adapted to bear on the journal of the roller

to removably lock the same in said traveler or carriage, said latch bearing upon the projection J' and thereby prevented from turning past its center, substantially as described.

- 5 2. A traveler or carriage for supporting the journal of a roller of a shade-fixture, comprising eyes P, having their walls formed with recesses S, an opening J and a lower

projection J', a lip T, said parts being of integral formation, and a latch M, recessed to provide a shoulder and having bearing against said projection J', substantially as described. 10

MAX THIEL.

Witnesses:

JOHN A. WIEDERSHEIM,  
WM. C. WIEDERSHEIM.