

(No Model.)

W. H. BRIGGS.

CAR LAMP.

No. 353,661.

Patented Dec. 7, 1886.

Fig. 1.

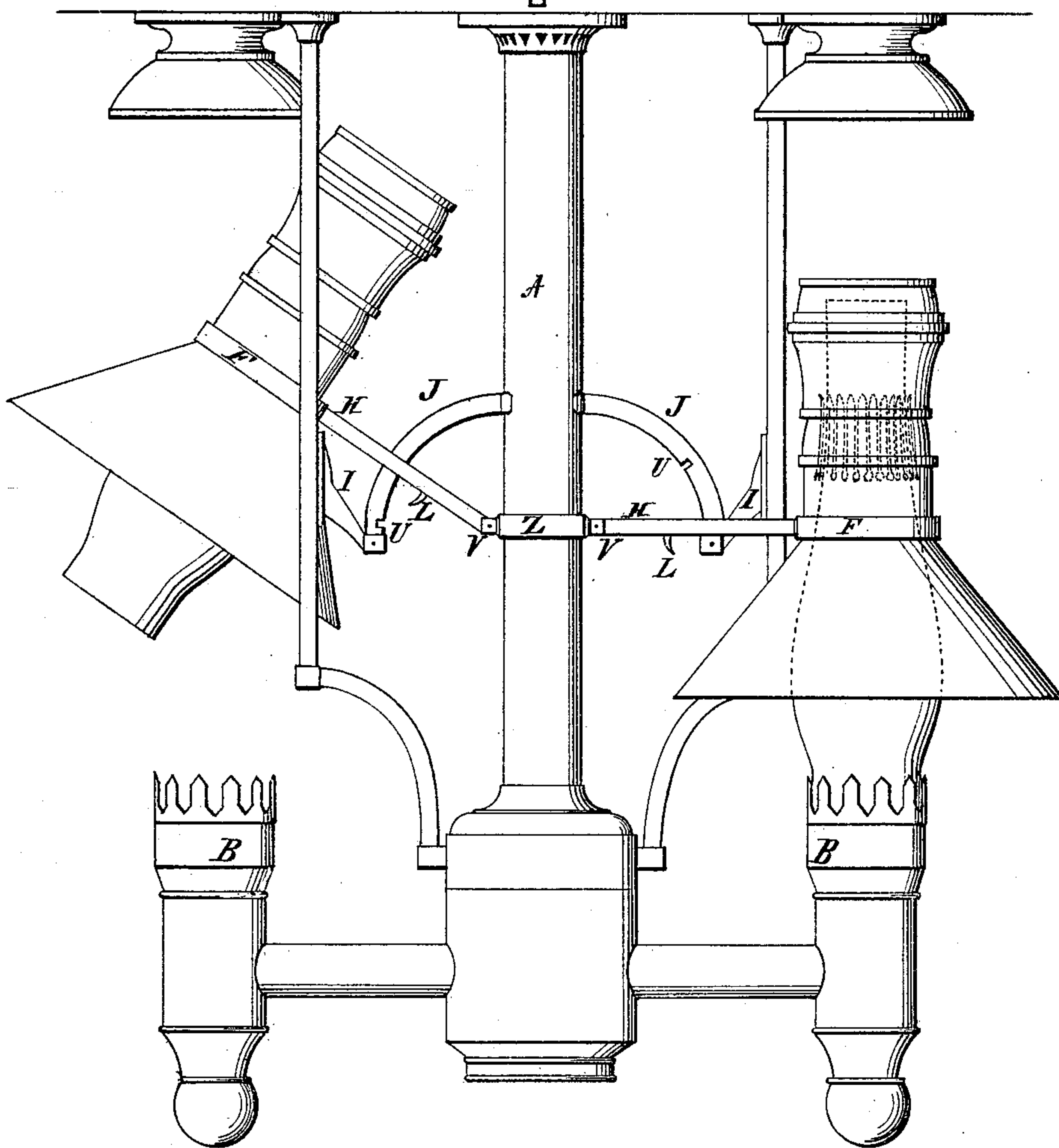
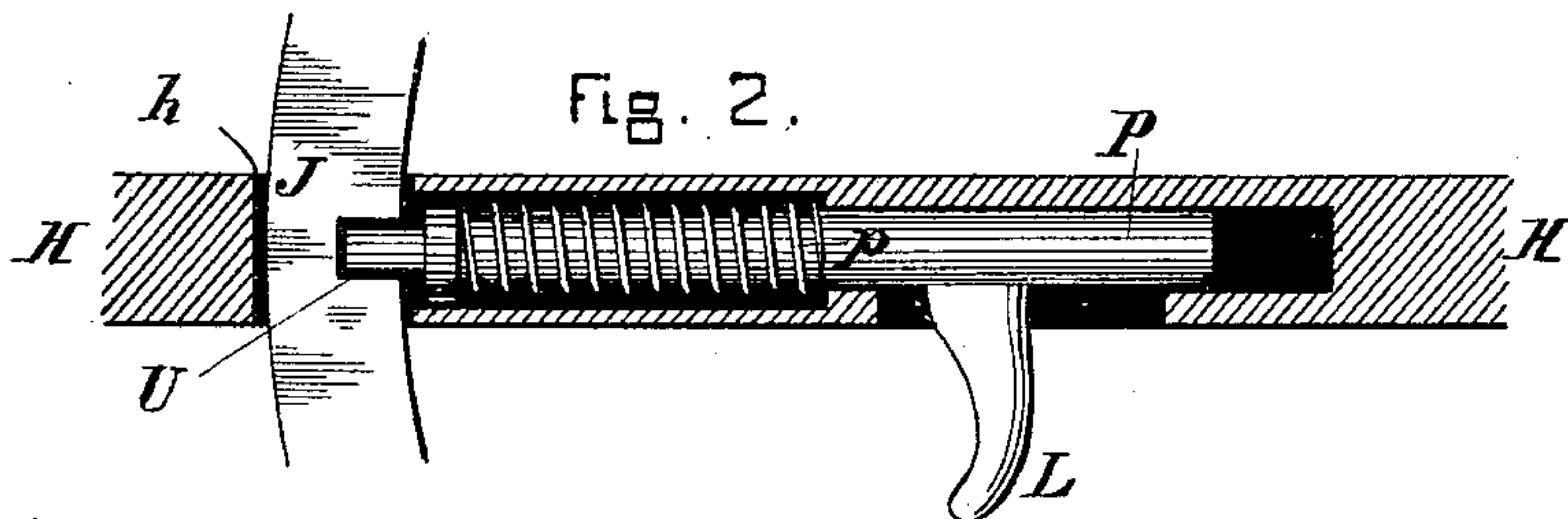


Fig. 2.



WITNESSES:

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WILLIAM HENRY BRIGGS, OF BOND HILL, OHIO.

CAR-LAMP.

SPECIFICATION forming part of Letters Patent No. 353,661, dated December 7, 1886.

Application filed April 17, 1886. Serial No. 199,265. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM HENRY BRIGGS, of Bond Hill, Hamilton county, Ohio, have invented a new and useful Improvement in Railroad-Car Lamps, of which the following is a full, clear, and exact specification.

My invention consists in certain features of novelty, which are hereinafter fully described with reference to the accompanying drawings, and more particularly pointed out in the claim.

Figure 1 is a front elevation of my invention. Fig. 2 is a view of part of the arm H, having one side removed and showing the bolt P in the notches U of the quadrant J.

The same letters refer to the same parts throughout the several drawings.

A represents the central air or supporting tube of the lamps B, and Z a ring or collar surrounding it. To this ring is hinged one, two, or more arms, H, according to the number of burners on the chandelier, each of which carries at its outer end a ring or collar, F, which is adapted to hold the smoke-jack and shade of the lamp.

Secured to the tube A or other fixed part of the chandelier is a quadrant, J, which is concentric with the hinge V of the arm H, the latter being notched or provided with an aperture, h, for the reception or passage of said quadrant. The arm H is also provided with a socket, as shown in Fig. 2, within which is

placed a bolt, P, the outer end of which is forced and held normally in engagement with one of a series of notches, U, formed in said quadrant J, by means of a coiled spring, p, which bears at one end against a ring or collar on the bolt P, and at the other upon a shoulder within the socket in which said bolt works. The bolt P is provided with a trigger, L, by which it may be retracted, thereby withdrawing its end from the notch of the quadrant and enabling the smoke-jack and shade to be raised or lowered, as may be desired.

Having thus described my invention, the following is what I claim as new therein, and desire to secure by Letters Patent:

In a car-lamp, the combination with the tube A and the smoke-jack and shade, of the ring Z, surrounding said tube, the arm H, hinged thereto and carrying said smoke-jack at its free end, the notched quadrant J, concentric with the hinge of said arm, and the spring bolt P p, carried by said arm, substantially as and for the purposes set forth.

The foregoing specification of my invention signed by me this 10th day of April, A. D. 1886.

WILLIAM HENRY BRIGGS.

Witnesses:

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