

L. WILKINSON.
METALLIC SHAWL STRAP.

No. 176,209

Patented April 18, 1876.

Fig 1

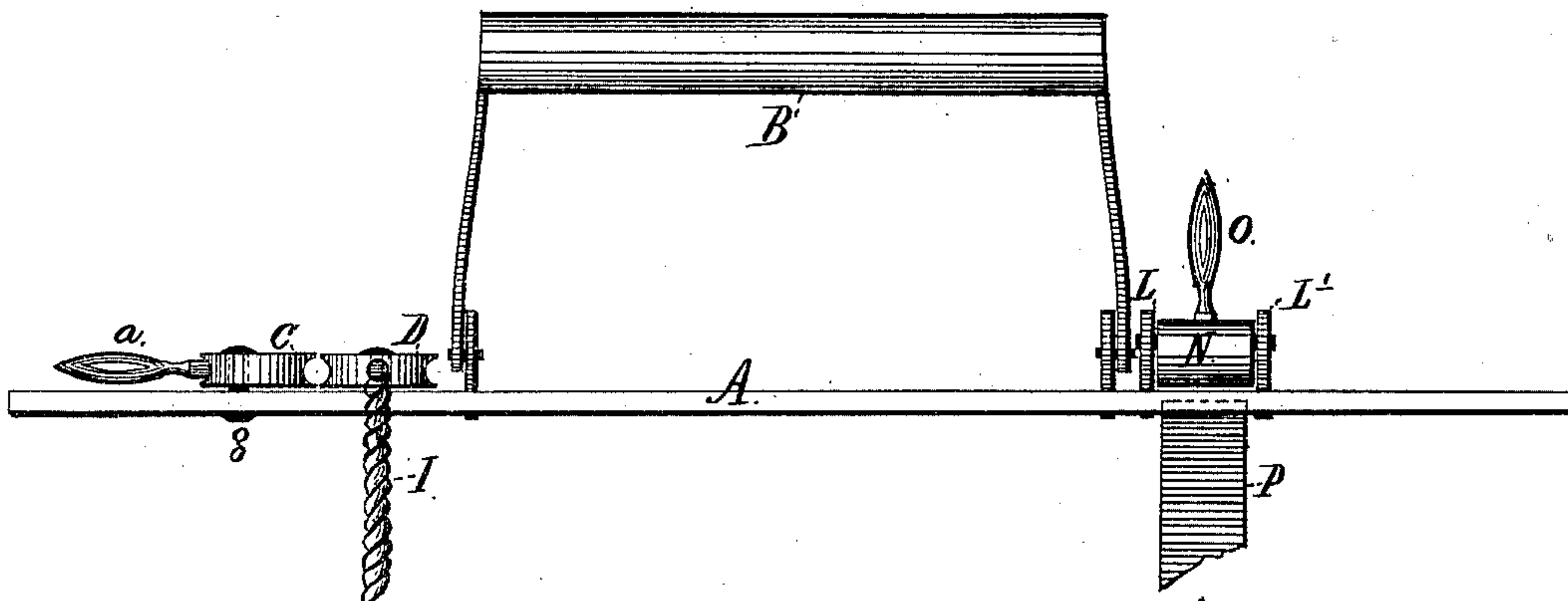


Fig 2.

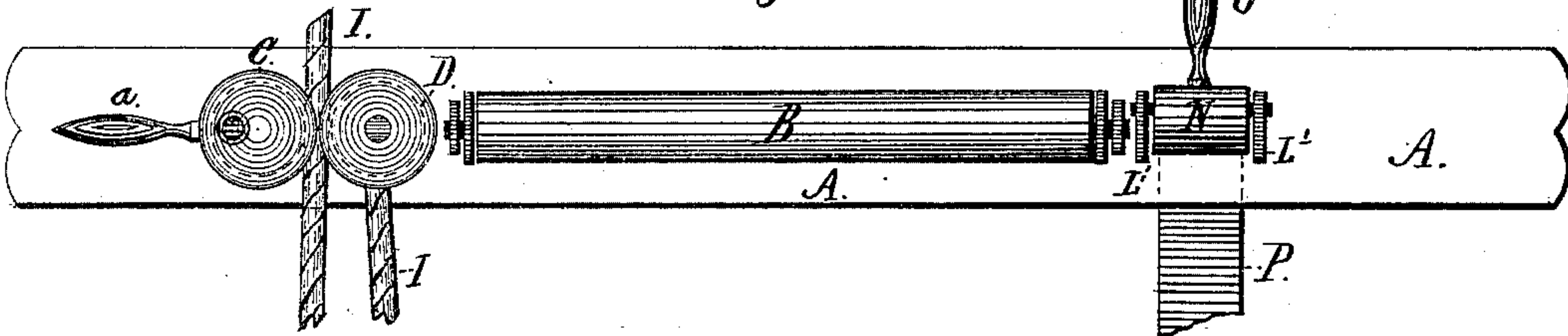
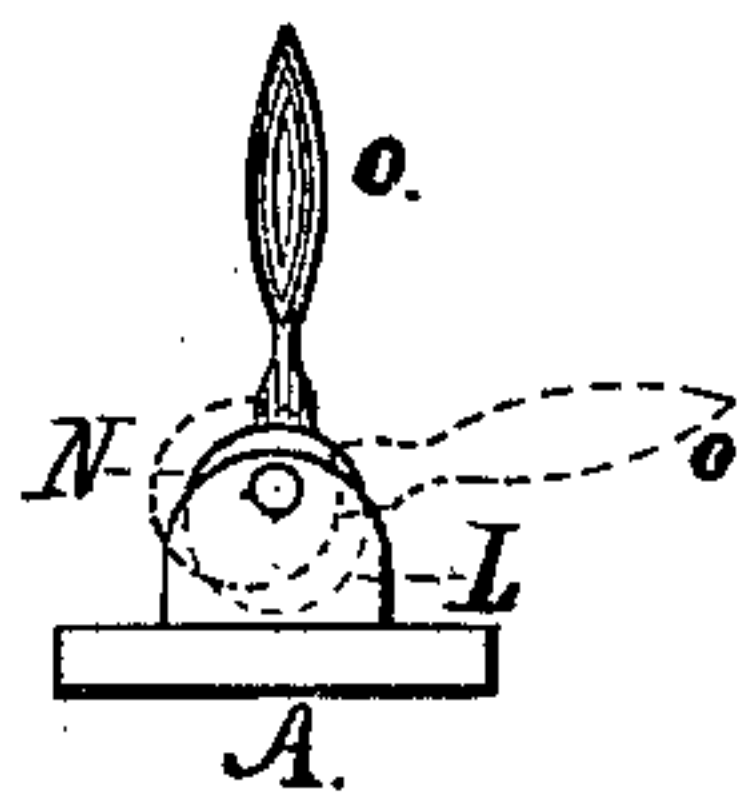


Fig 3.



WITNESSES,

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IMPROVEMENT IN METALLIC SHAWL-STRAPS.

Specification forming part of Letters Patent No. **176,209**, dated April 18, 1876; application filed
August 4, 1875.

To all whom it may concern:

Be it known that I, LEWIS WILKINSON, of the city of Brooklyn, county of Kings, and State of New York, have invented a new and useful Improvement in Metallic Shawl-Straps, which improvement is fully set forth in the following specification.

This invention relates to that class of straps adapted for inclosing and carrying of shawls, wearing apparel, blankets, books, and other similar portable articles. It consists of various devices substituted for the leather straps and buckles now in common use on shawl and blanket straps. It is constructed entirely of metal, the straps being wire cord or cables, or thin metal straps, and the fastening or clamping devices are in the form of cams, which bind upon the wire cord or metal strap, holding them firmly in any desired position, the construction, arrangement, and operation of all of which will be herein fully described and pointed out.

In the drawings which form a part of this specification, Figure 1 is an elevation or front view of a shawl-strap in which is embodied my invention. Fig. 2 is a plan view of the same, and Fig. 3 is an end view of one of the cams.

Similar letters of reference will indicate corresponding parts.

The object of my invention is to produce a device or devices for carrying shawls and other wearing apparel, blankets, and similar articles, which device partakes in similarity of form that of the common and well-known shawl-straps constructed from leather, and using leather straps and metal buckles as the binding medium.

My invention has great advantages over the same, inasmuch as it is entirely constructed from metal, and, having no leather straps or buckles, its life is guaranteed for an indefinite period of time when compared to the frail leather manufactures now in use, and which so soon give way and become useless from the tearing out of the leather strap between the buckle-holes.

In carrying out my invention I usually form the cross-piece A wholly of metal. It may be

made from a single plate, or of a series of thin plates riveted together, and in either form of construction may be covered with leather and ornamented with fancy stitching in any desired manner. The handle B is of the usual shape and form, and is attached to the cross-piece A in the ordinary mode, being pivoted on studs set into the cross-piece A, in such manner that it is free to move in a lateral direction; or it may be rigidly attached to the cross-piece, if preferred. In lieu of the perforated leather straps and metal buckles, I use a wire cord or cable, I, ordinarily about one-eighth of an inch in diameter; but this size can be varied at will. The wire cord is attached to the stationary cam on the face of the cross-piece A, the other end hanging loosely until required for use. At each end of, and on the face of, the cross-piece A I affix two cams, C and D. The cam D is immovably attached to the cross-piece A at its center by means of a rivet. The cam C is attached to and turns on a pivot, *g*, set into the cross-piece, and is provided with a handle, *a*, by means of which it is swung on its axis. These cams are both provided with a half-round groove or recess cut into their circumference, of such depth that they will, when brought together, coincide in shape and size with the wire cord or cable I. Cam C is in shape a simple eccentric, and is, as it swings on its pivot, either thrown from or brought close to the stationary cam D.

It is readily seen that if the wire cable I is passed between these cams the closing of the cam C upon it will compress it into the groove between the two cams, and hold it firmly in place, and so effectually that it is practically impossible for it to slip therefrom until the cam C is thrown in an opposite direction, and releases it.

In some cases a modification of my invention may be used, but the same is modeled on the same general plan as hereinbefore described, and differs but slightly in the details of construction and application.

This form of shawl-strap not only possesses great strength and durability, but it will cost less in its production than the leather straps

in common use. The entire arrangement being metal, it is susceptible of ornamentation to any desired degree by gold, silver, or nickel plating. Engraving may also be used, if desired. It may also be japanned and painted in such manner as taste or fancy may call for.

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

The combination, with the cross-piece A, of the stationary cam D, the swinging eccentric cam C, both attached to the face of the cross-

piece, and the cable or cord I, the whole constructed from metal, and arranged, combined, and operating for the purposes of a shawl or blanket strap, substantially as herein shown and set forth.

In testimony whereof I have hereunto set my hand this 26th day of July, A. D. 1875.

LEWIS WILKINSON.

In presence of—

A. L. MUNSON,

F. H. GALPIN.