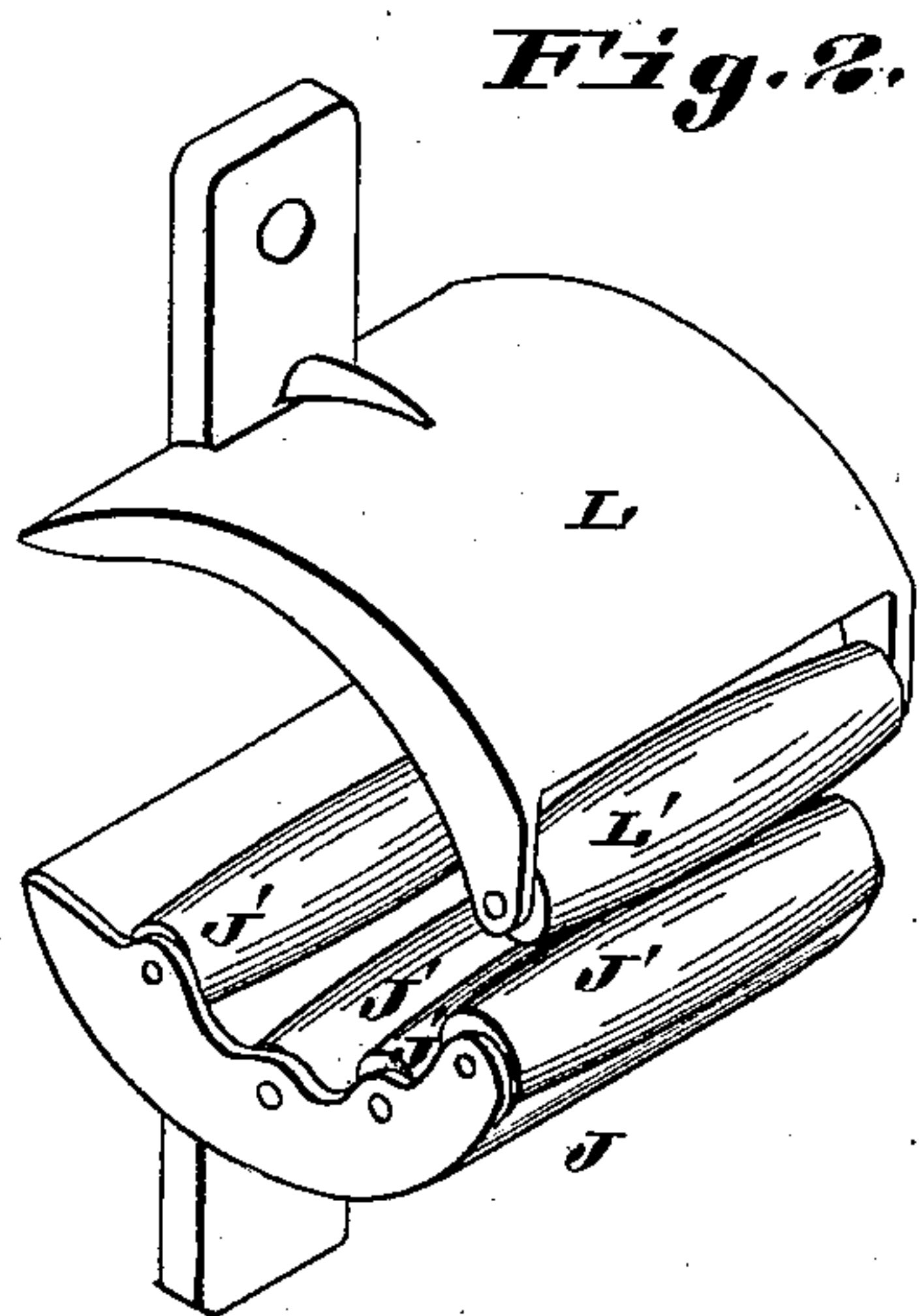
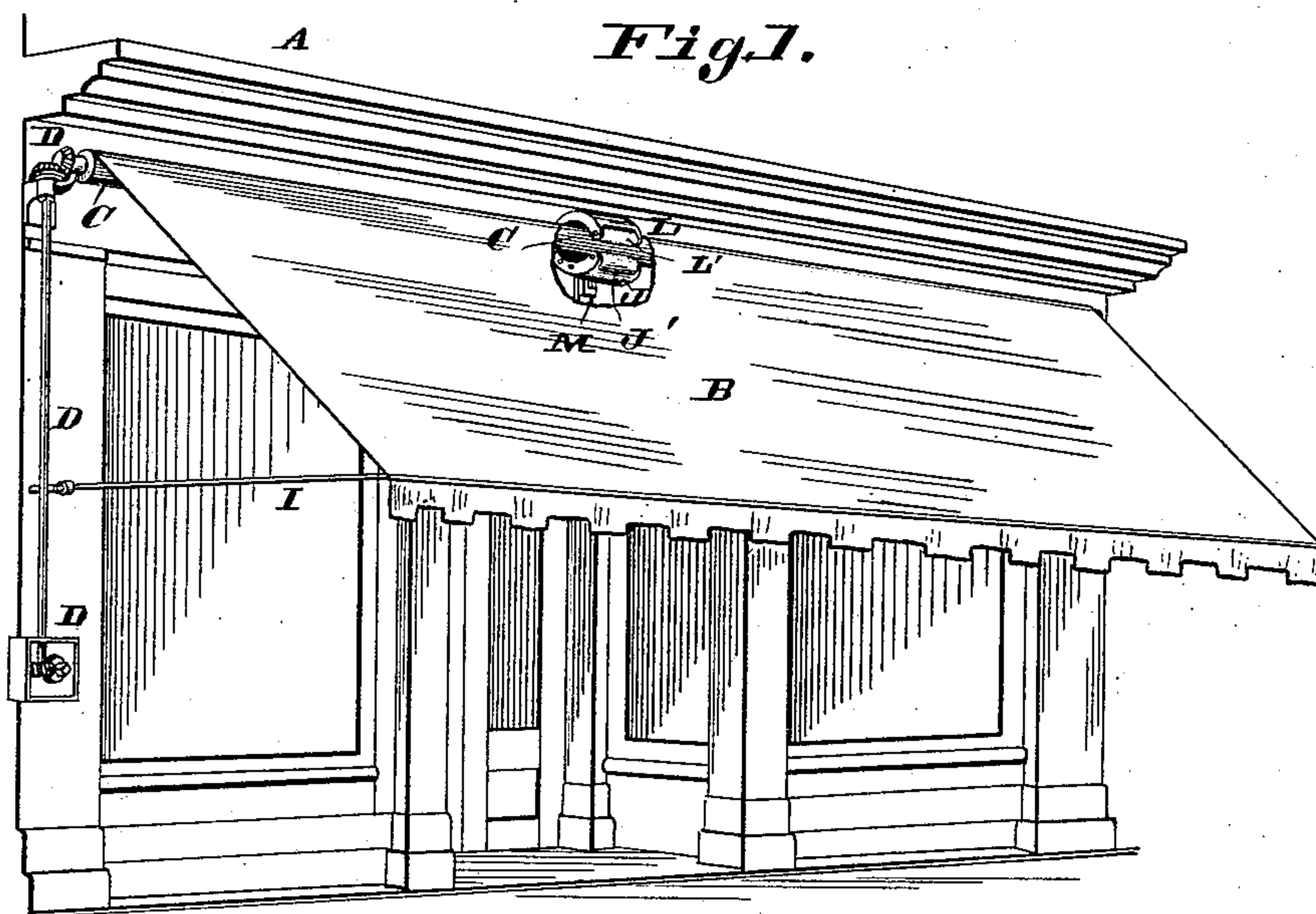


(No Model.)

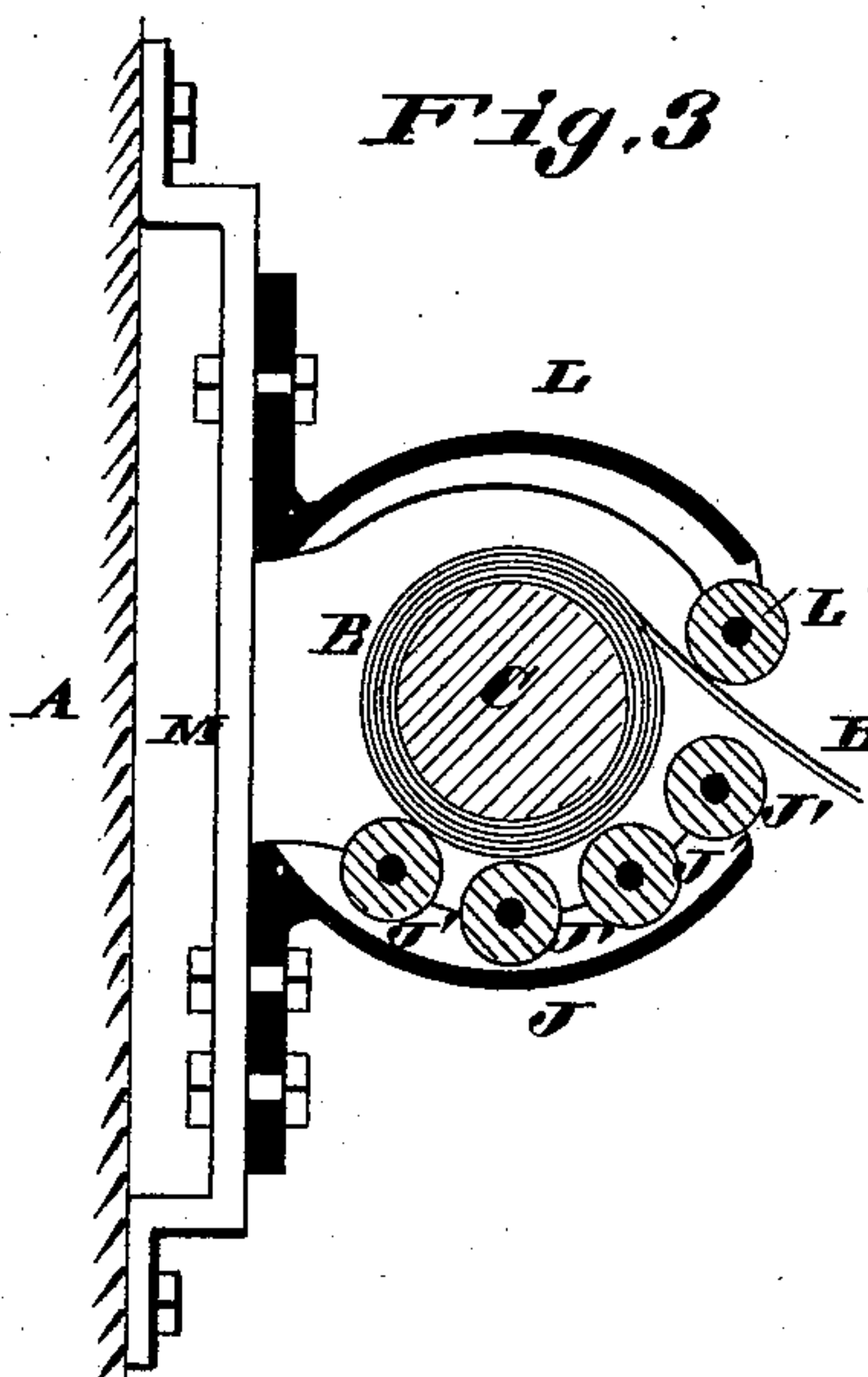
T. MORRISON.
AWNING ATTACHMENT.

No. 306,851.

Patented Oct. 21, 1884.



Attest:
Charles Pickles
Geo. L. Wheelock.



Inventor:
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UNITED STATES PATENT OFFICE.

THOMAS MORRISON, OF ST. LOUIS, MISSOURI.

AWNING ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 306,851, dated October 21, 1884.

Application filed April 9, 1884. (No model.)

To all whom it may concern:

Be it known that I, THOMAS MORRISON, of the city of St. Louis, in the State of Missouri, have invented a certain new and useful Improvement in Awnings, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, and in which—

Figure 1 is a perspective view of part of a building and an awning with my improvement applied. Fig. 2 is an enlarged perspective view, and Fig. 3 is a vertical section enlarged.

My invention relates to an attachment intended for use on large awnings; and it consists in features of novelty hereinafter described, and pointed out in the claim.

Referring to the drawings, A represents part of a building, B the awning, C the roller, D the hoisting apparatus, and I the hinged arms or braces.

In large awnings it is quite necessary that the roller should have a central support or supports to strengthen it and to keep it from sagging; and to construct such a support that will not interfere with the operation of the awning, and which will be cheap and easily applied, is the object of my invention.

J represents a lower and L an upper jaw,

secured to the building, or secured to a plate, M, which is in turn made fast to the building, as shown in Figs. 1 and 2. Journaled to the lower jaw are a number of friction-rollers, J', and to the upper jaw a roller, L'. The awning enters the jaws between the roller L' and the upper or outer roller, J', which give it free passage as it is wound upon and unwound from the roller C. The roller is between the jaws, and is supported on the friction-rollers J', the jaws being a sufficient distance apart to allow room for the awning when it is wound up. By removing one of the jaws the roller can be taken down. It will thus be seen that the support does not interfere with the winding up of the awning. The jaws have end flanges, which are perforated to receive gudgeons J² on the ends of the rollers. The gudgeons turn in these perforations or openings.

I claim as my invention—

In an awning attachment, the two jaws having end flanges, in combination with the friction rollers having gudgeons fitting and turning in holes in the flanges of the jaws, all arranged and operating substantially as shown and described.

THOMAS MORRISON.

In presence of—

GEO. H. KNIGHT,
SAML. KNIGHT.