C. M. FAIRMAN & J. A. HENDERSON.

Curtain-Roller.

No. 131,864. Patented Oct. 1, 1872

Fig. 1.

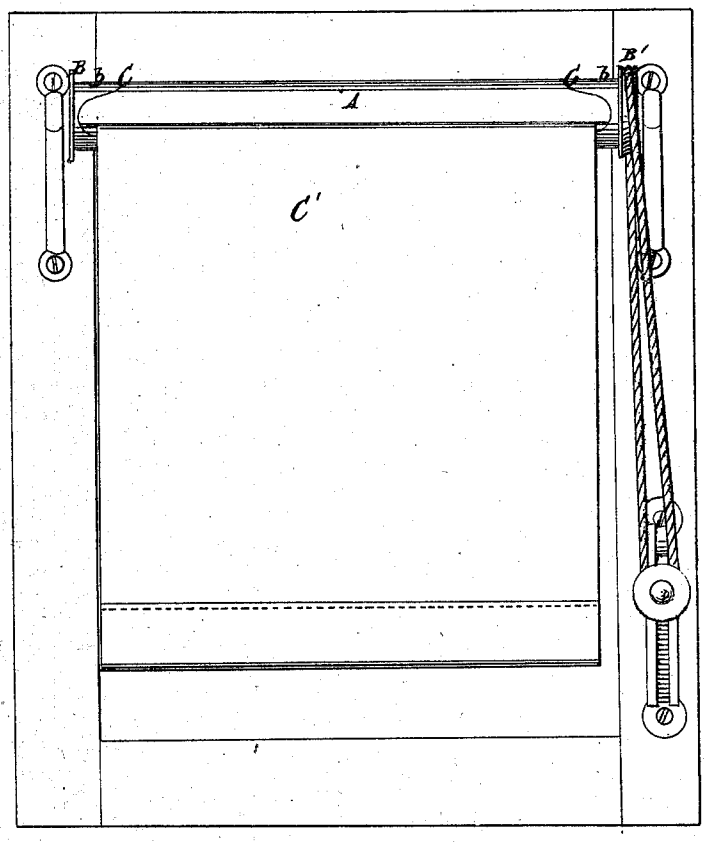
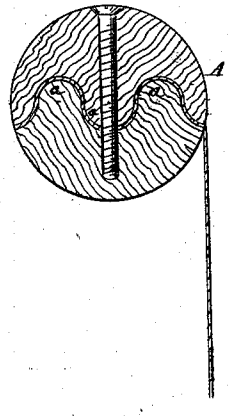


Fig. 2.



WITNESSES.

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AM. PHOTO-LITHOGRAPHIC CO. N.Y. (OSBORNE'S PROCESS)

UNITED STATES PATENT OFFICE.

CHARLES M. FAIRMAN AND JAMES A. HENDERSON, OF PITTSBURG, PA.

IMPROVEMENT IN CURTAIN-ROLLERS.

Specification forming part of Letters Patent No. **131,864**, dated October 1, 1872.

To all whom it may concern:

Be it known that we, CHAS. M. FAIRMAN and JAMES A. HENDERSON, of Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented a new and valuable Improvement in Curtain-Fixtures; and we do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of a front view of my invention; Fig. 2 is a sectional view of the roller.

This invention has relation to curtain-fixtures; and consists in the novel construction of the roller and the arrangement of the curtain, as hereinafter described.

In the drawing, A represents the roller, constructed in two semi-cylindrical parts, correspondingly tongued and grooved or fluted at *a* so as to fit closely together. B B′ represent the roller-caps, constructed with the lugs C to hold between them the ends of the roller, secured thereto by screws *b*. C′ designates the curtain, secured to the roller by being placed between the two parts composing it. In this position the curtain is held tightly by the fluted clamp *a*, and the use of tacks dispensed with. The object of making the adjacent or inner surfaces of the roller-section fluted is to prevent the curtain from being drawn out when hanging at full length, or when the joint becomes enlarged by expansion of the wood or from other causes. The parts of the roller may be held together between the caps by the use of one or more screws.

Claim.

The improved curtain-roller A, constructed in two semi-cylindrical sections, fluted or grooved on the inside at *a*, and secured closely together by means of the cylindrical caps B covering the ends of the sections, and having lugs C for the insertion of screws, substantially as specified.

In testimony that we claim the above we have hereunto subscribed our names in the presence of two witnesses.

CHARLES M. FAIRMAN.
JAMES A. HENDERSON.

Witnesses:
HALL PATTERSON,
J. H. MCROBERTS.