

Butterfield & Bowker,

Curtain Fixture,

N^o 30,385,

Patented Oct. 16, 1860.

Fig. 2

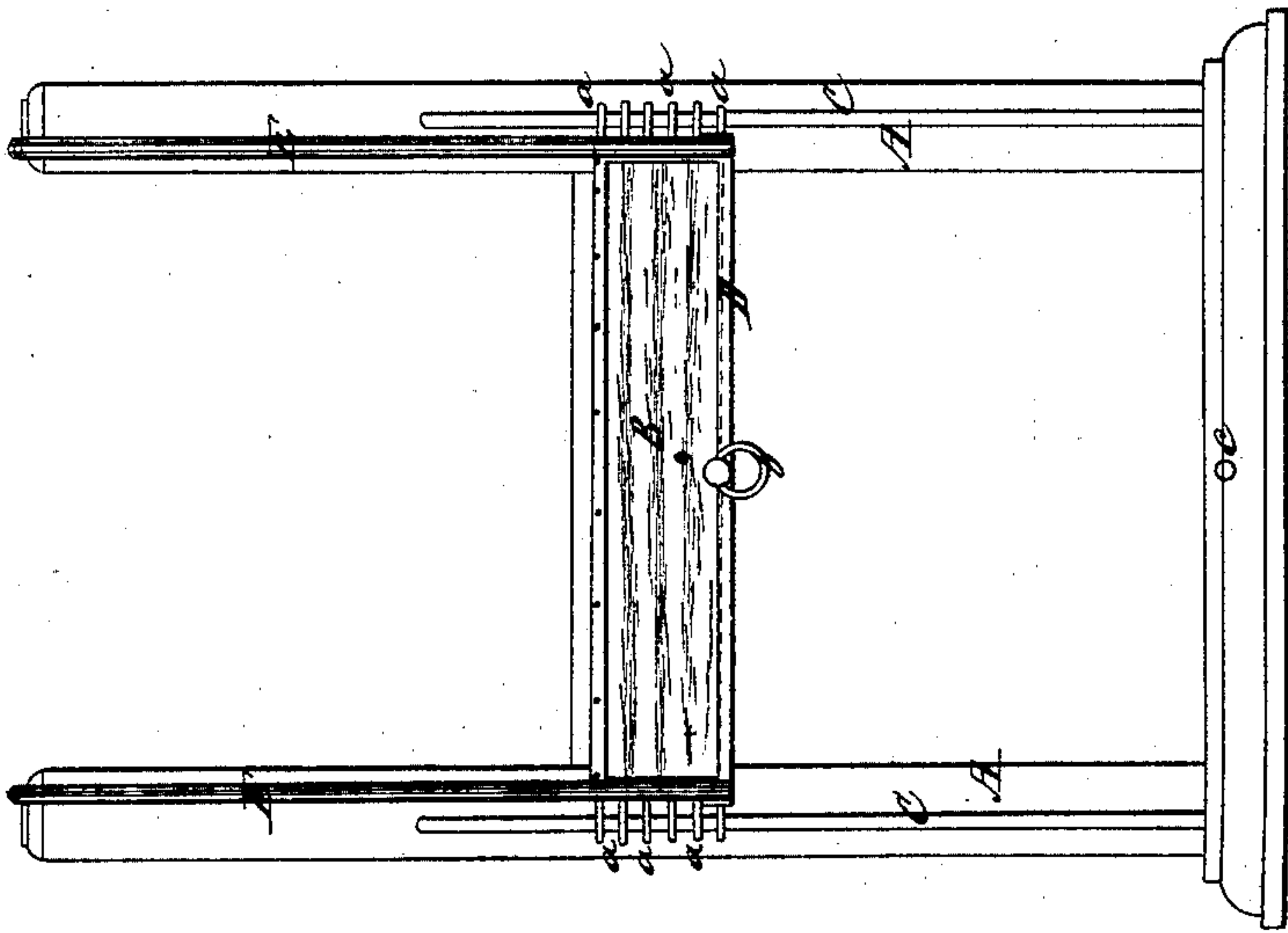
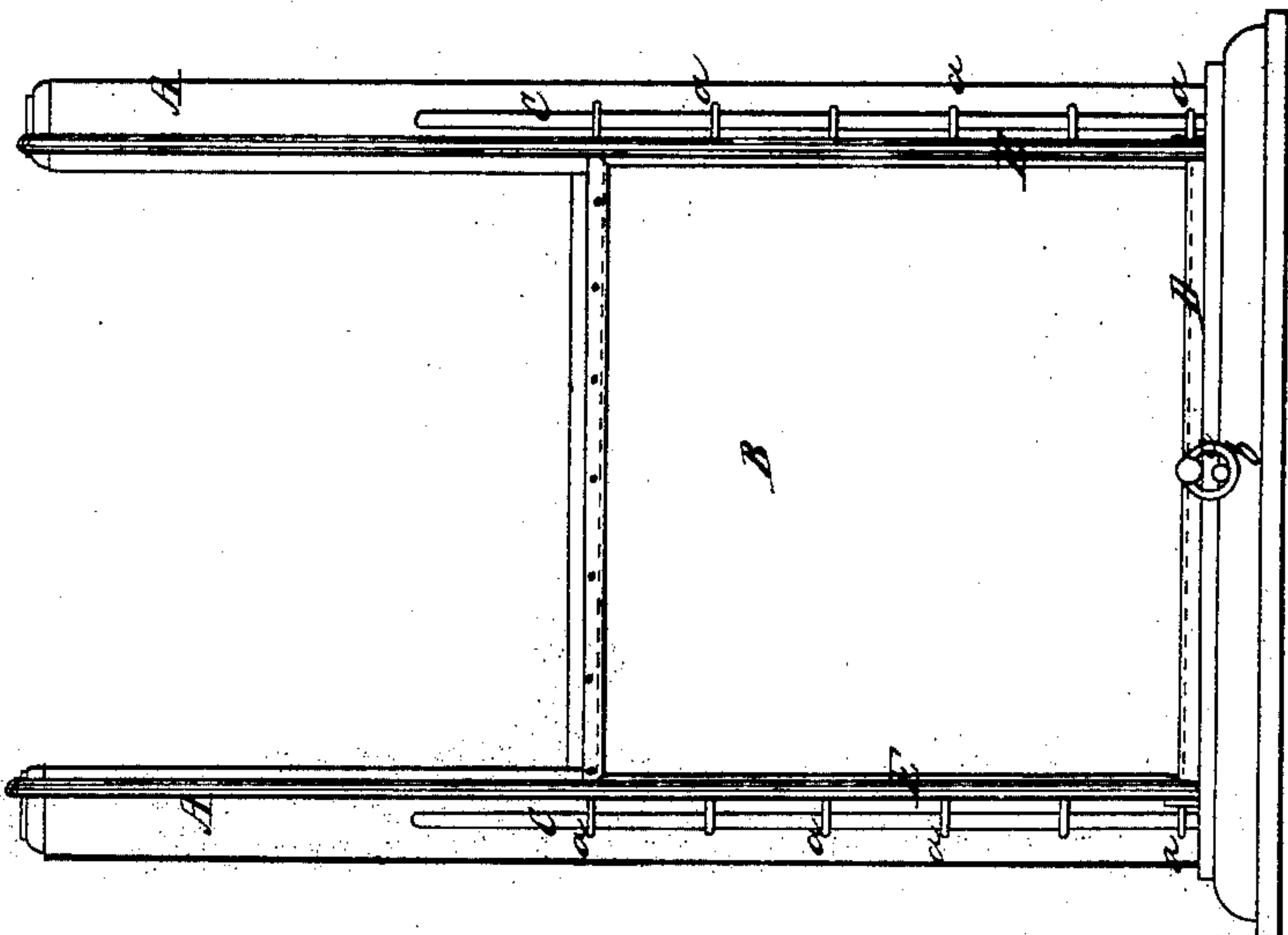


Fig. 1



Witnesses
T. A. Brooks
Fred Curtis

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UNITED STATES PATENT OFFICE.

GEO. BUTTERFIELD AND DANL. BOWKER, OF BOSTON, MASSACHUSETTS.

WINDOW-CURTAIN.

Specification of Letters Patent No. 30,385, dated October 16, 1860.

To all whom it may concern:

Be it known that we, GEORGE BUTTERFIELD and DANIEL BOWKER, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Window-Curtains; and we do hereby declare that the same is fully described and represented in the following specification and the accompanying drawings, of which—

Figure 1 denotes a front elevation of a window frame and curtain having our invention applied thereto. Fig. 2 is a similar view, with the curtain shown as raised to its highest position by means of the elastic bands, to be hereinafter described.

Our invention consists in attaching to window curtains or blinds, and more particularly to those in use on street railway cars, two elastic bands or cords, one on each side, and so that the curtain on being released from its fastening at the bottom, will be carried up to the top of the window, and thus do away with the disagreeable necessity of rising and fastening up the curtain by means of loops, as at present in use.

In the drawings above mentioned A, denotes a window frame, provided with a curtain B, and two metal rods or bars C, as seen in the drawings. The curtain B, at each side is provided with small rings *a*, *a*, *a*, &c. which encompass the rods C, C, and serve to keep the curtain in position and at the same time allow it to be easily raised

and lowered. The curtain B, at its lower edge, is provided with a stick or bar D, to each end of which, one end of an elastic cord or band E, is firmly secured, the other end of the elastic cord being attached to the top of the window frame, or any other suitable place. The lower end of the curtain, or its bar may be provided with a ring *b*, which when the curtain is at its lowest position, may be passed over a small projection *c*, affixed to the window frame or sill, and which will confine the curtain in place, against the force of the elastic cords. It will be seen that if the ring *b*, be removed from the projection *c*, that the curtain will be instantaneously carried up to the top of the window by means of the elastic cords, and retained there until it is desirable to lower it. The whole forms a very simple and efficient means of raising a curtain, and is a great improvement over those in ordinary use in horse railway cars.

We claim—

The application, to a window curtain, of the elastic bands or cords E, E, substantially in manner, and to operate as above described.

In testimony whereof we have hereunto set our signatures, this 19th day of Sept., A. D. 1860.

GEORGE BUTTERFIELD.
DANIEL BOWKER.

Witnesses:

F. A. BROOKS,
FRED. CURTIS.