

H. T. Coignet.

Curtain Fixture.

N^o 91,422.

Patented Jun. 15, 1869.

Fig. 1.

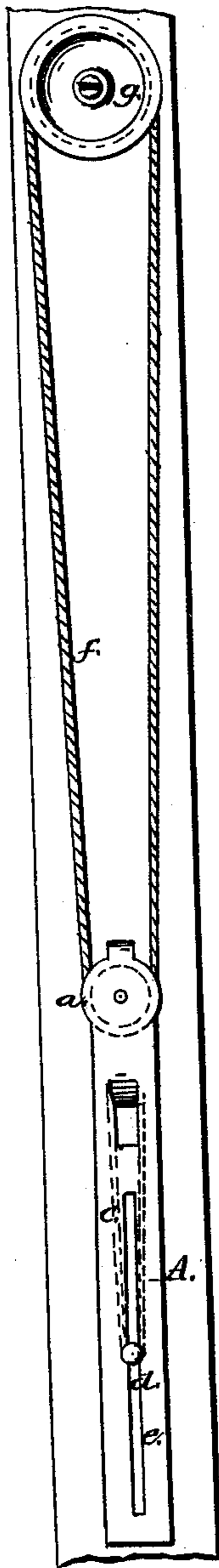
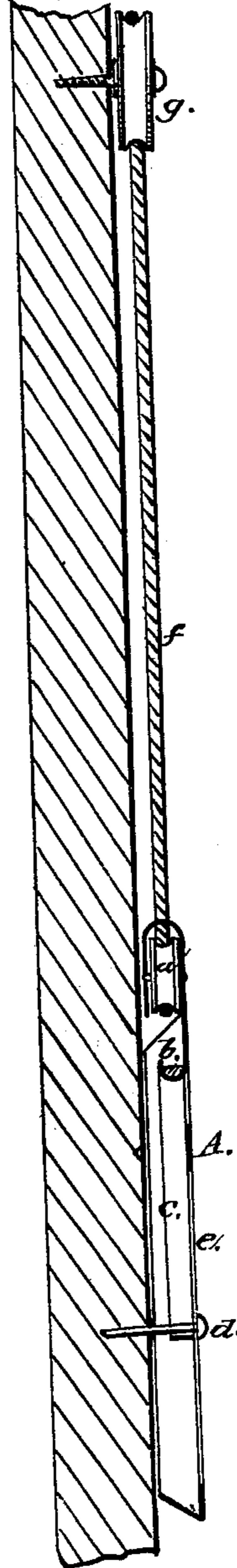


Fig. 2.



Witnesses:
C. Wahlers
E. F. Kastenhuber

Inventor:
H. T. Coignet
per
Vau Sainton & Hauff
attys.

United States Patent Office.

HENRY T. COOPER, OF NEW YORK, N. Y., ASSIGNOR TO HIMSELF
AND WILLIAM PITMAN, OF SAME PLACE.

Letters Patent No. 91,422, dated June 15, 1869.

IMPROVED CURTAIN-FIXTURE.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, HENRY T. COOPER, of the city, county, and State of New York, have invented a new and improved Curtain-Fixture; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification, in which drawing—

Figure 1 represents a front view of this invention.

Figure 2 is a longitudinal vertical section of the same.

Similar letters indicate corresponding parts.

This invention consists in the arrangement of an elastic loop or spring, which is attached at one end to a hook formed on the inner surface of the roller-bracket of a curtain-fixture, while its other end is secured to a pin or screw, which also serves to guide and retain the bracket in position, in such a manner that the strain of the elastic loop or spring keeps the cord, by means of which the curtain is operated, taut, and at a uniform tension; and, at the same time, the roller-bracket, being retained simply by one pin or screw, is free to accommodate itself to the position of the pulley at the end of the curtain-roller, and, by these means, a roller-bracket is produced, which is very cheap in its construction, which can be fastened in position with little trouble, and which has the great advantage of keeping the curtain-cord at a uniform tension.

In the drawing—

The letter A designates a roller-bracket, which is struck up, or otherwise produced, of sheet-metal, and one end of which forms the bearings for the pulley or roller *a*.

From the inner surface of the bracket A projects a hook, *b*, which, by preference, is produced by punch-

ing in a portion of the bracket, as shown in the drawing, but which might be made separate from the bracket, and attached to the same in any desirable manner.

From this hook extends an elastic loop or spring, *c*, to a pin, or screw, *d*, which passes freely through a slot, *e*, in the face side of the bracket, and is fastened in the window-frame.

If the spring *c* is released from the hook *b*, the bracket A can slide up and down as far as the slot *e* will permit, and if the spring is attached to the hook, it has a tendency to pull the bracket downward, or toward the pin *d*.

From the pulley *a* extends an endless cord, *f*, over a pulley, *g*, secured to the end of the curtain-roller, and the bracket A is adjusted in such a position that the spring *c* will subject the cord *f* to a certain tension, sufficient to retain the curtain in any desired position.

By these means, a curtain-fixture is obtained, which is very simple and cheap, and which, being fastened to the window-frame by one pin only, passing freely through the slot *e*, is free to accommodate itself to the position of the pulley on the end of the curtain-roller, while, at the same time, the cord *f* is always kept at a proper tension.

What I claim as new, and desire to secure by Letters Patent, is—

The bracket A, carrying roller *a*, slotted at *e*, and having hook *b*, in connection with pin *d* and spring *c*, said pin guiding the bracket, and supporting one end of the spring, when the parts are constructed to operate together, substantially as described.

H. T. COOPER.

Witnesses:

W. HAUFF,
C. WAHLERS.