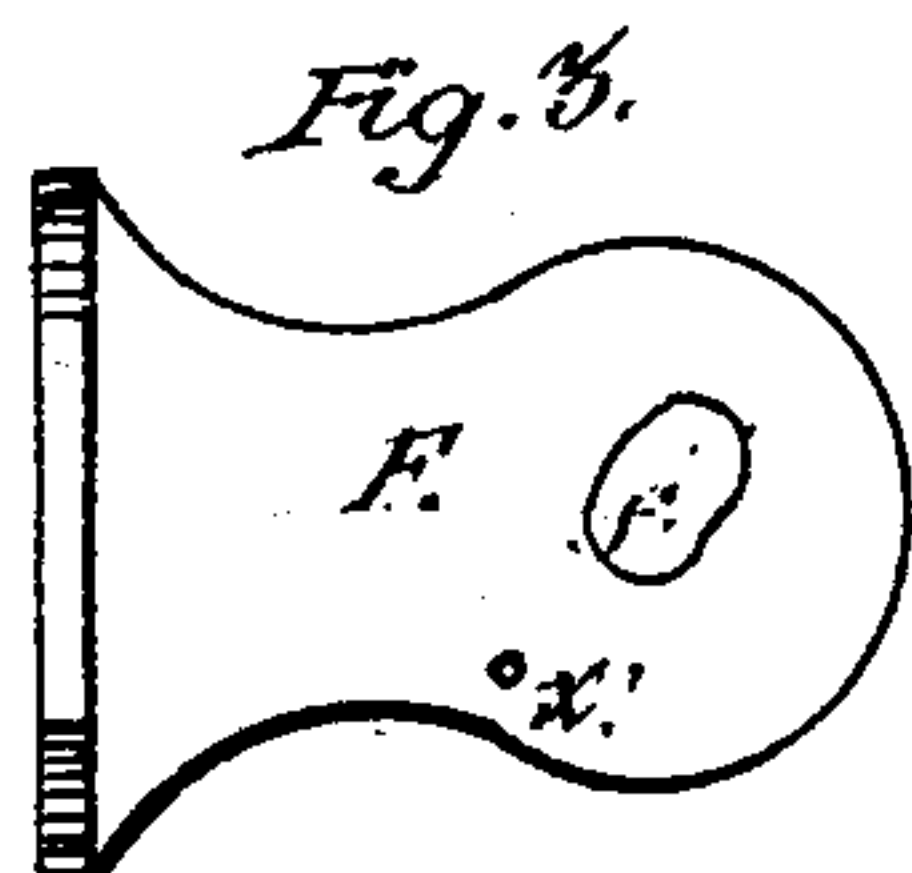
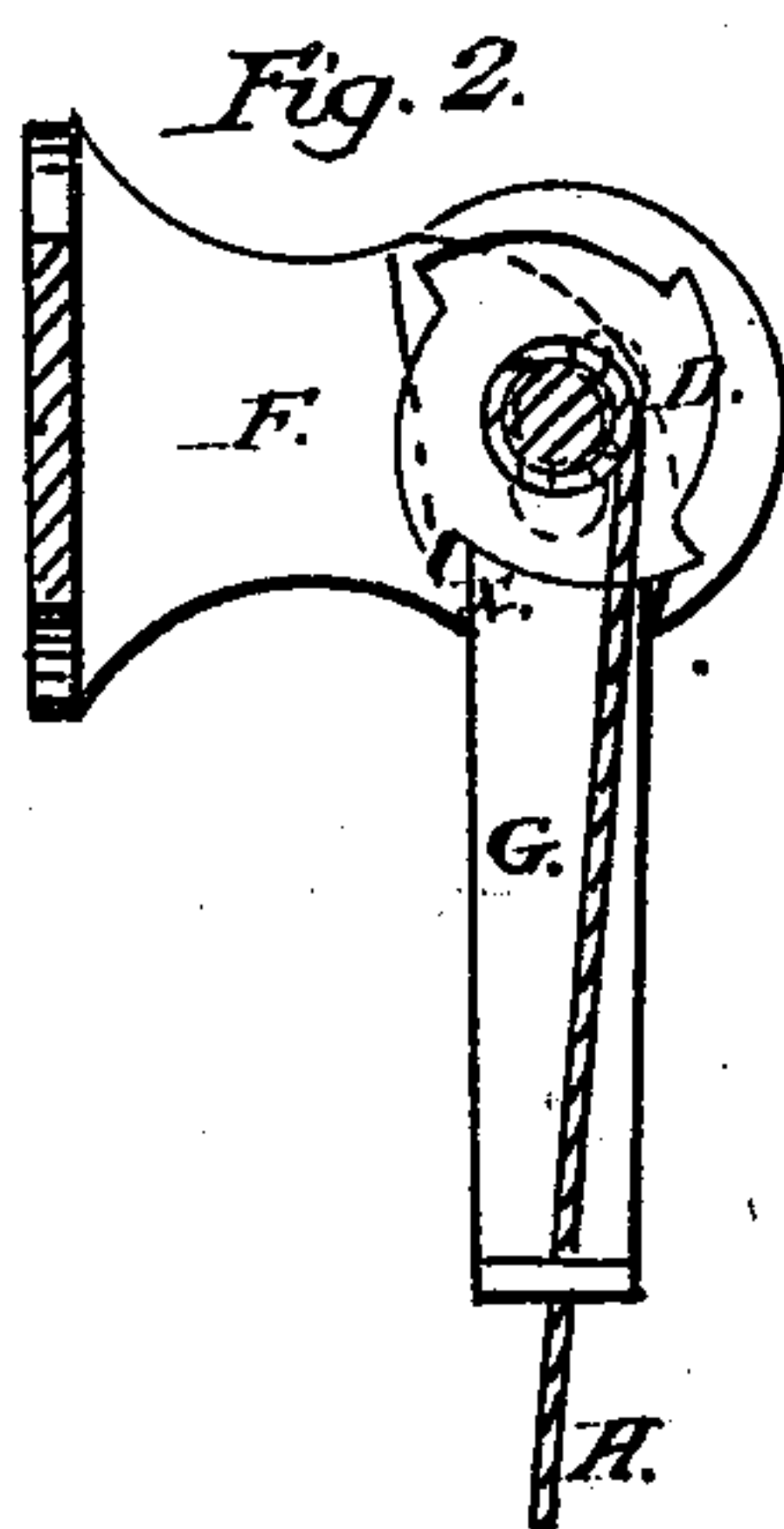
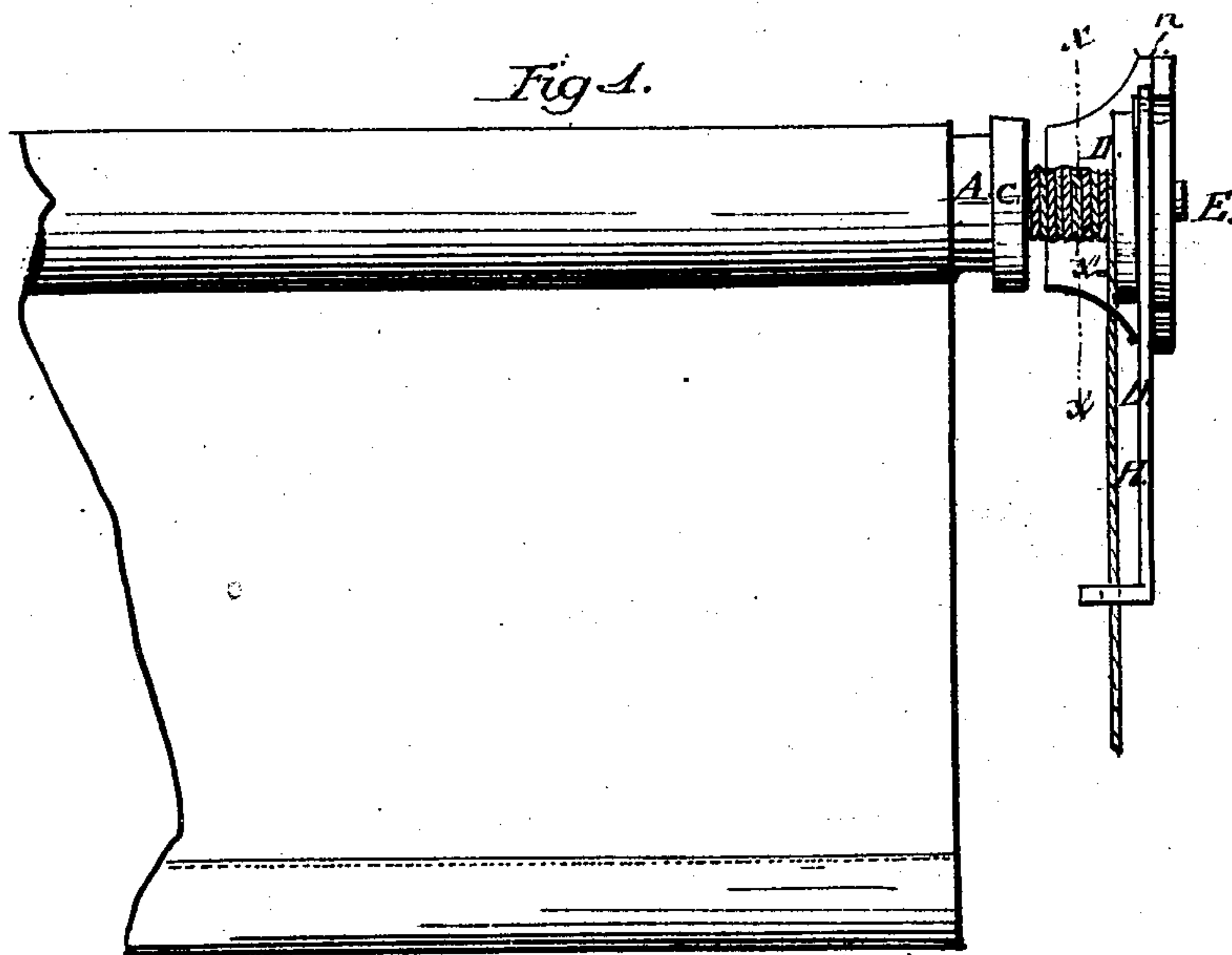


R. B. Prindle.
Curtain Fixture.

N^o 92,094.

Patented Jun. 29, 1869



Witnesses:
A. J. Mearns
Samuel J. Mearns

Inventor:
R. B. Prindle
by Prindle & Dyer attys.

United States Patent Office.

R. B. PRINDLE, OF NORWICH, NEW YORK.

Letters Patent No. 92,094, dated June 29, 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, R. B. PRINDLE, of Norwich, in the county of Chenango, and in the State of New York, have invented certain new and useful Improvements in Curtain-Fixtures; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, making a part of this specification, in which—

Figure 1 is a front elevation, showing my improved fixture as applied to a roller;

Figure 2 is a vertical cross-section of the same on the line *xx* of fig. 1; and

Figures 3 and 4 are side elevations of the bracket and lever respectively.

Letters of like name and kind refer to like parts in each of the figures.

The nature of my invention consists in pivoting one end of the curtain-roll within a slot having an upward and a forward curve, so that when said roll is moved outward, it shall be raised, and release a ratchet-wheel, secured to said roller, from engagement with a pin or other detent secured to the bracket; and, when liberated, said roller shall drop backward and downward, automatically, so as to bring said ratchet-wheel into engagement again with said pin or detent.

It also consists in the employment of a lever pivoted to the bracket above and in rear of the roller, and provided with a vertical slot, through which the pivot of said roller passes, substantially as and for the purpose hereinafter shown.

In the annexed drawing—

A represents the roller, having secured thereto a curtain, B.

One end of said roller is pivoted within a bracket, in the usual manner, while the opposite end is provided with a metallic spool, C, the flanges of which are formed by a cap, *c*, covering the end of the roller, and by a ratchet-wheel, D.

A pivot, E, projects outward from the centre of the ratchet-wheel, and furnishes an axial bearing for the roller.

F represents a bracket, having a slot, *f*, corresponding in width to the diameter of the pivot E, which curves upward and forward, as seen in fig. 3. When the roller is in place, with the pivot resting in the bottom of the slot, the teeth of the ratchet-wheel engage with a pin or detent, *x*, secured to and projecting at a right angle therewith from the inner face of said

bracket, so as to prevent the roller from turning; but if the roller be moved outward, the pivot will slide upward in the slot, and release said ratchet-wheel from engagement with the detent, and permit the roller to revolve freely.

To accomplish the latter result, a lever, G, of the shape shown in fig. 4, is pivoted at its upper corner to the bracket, above and in rear of the pivot E, which pivot passes through a vertical slot, *g*, within said lever.

The lower end of the lever is bent inward at a right angle to its face, and is provided with an opening for the passage of the cord H from the spool.

If now the cord be brought forward, by the hand, it will produce a like movement of the lever and roller, and release the ratchet-wheel from engagement with the detent, so as to permit said roller to be revolved by said cord, and the curtain raised or lowered, as may be desired.

Upon releasing the cord, the lever and roller drop downward and backward, so as to bring the ratchet-wheel into engagement with the detent again, and at once arrest the motion of the roller.

It is believed that this device is the most simple, durable, and convenient of any that has ever been used for a like purpose, and that, as it can be furnished at a small cost, when once known, its general adoption will be certain.

Having thus fully set forth the nature and merits of my invention,

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

The within-described curtain-fixture, consisting of the spool C, ratchet-wheel D, or its equivalent, pivot E, bracket F, provided with the curved slot *f*, and detent *x*, and the lever G, provided with the slot *g*, all constructed and arranged substantially as and for the purpose herein shown and described.

Also, the bracket F, provided with the curved slot *f*, in combination with the lever G, containing the vertical slot *g*, and pivoted above said slot, substantially as herein shown and specified.

In testimony that I claim the foregoing, I have hereunto set my hand, this 4th day of May, 1869.

R. B. PRINDLE.

Witnesses:

HENRY D. STANLEY,
WILLIAM P. FROST.