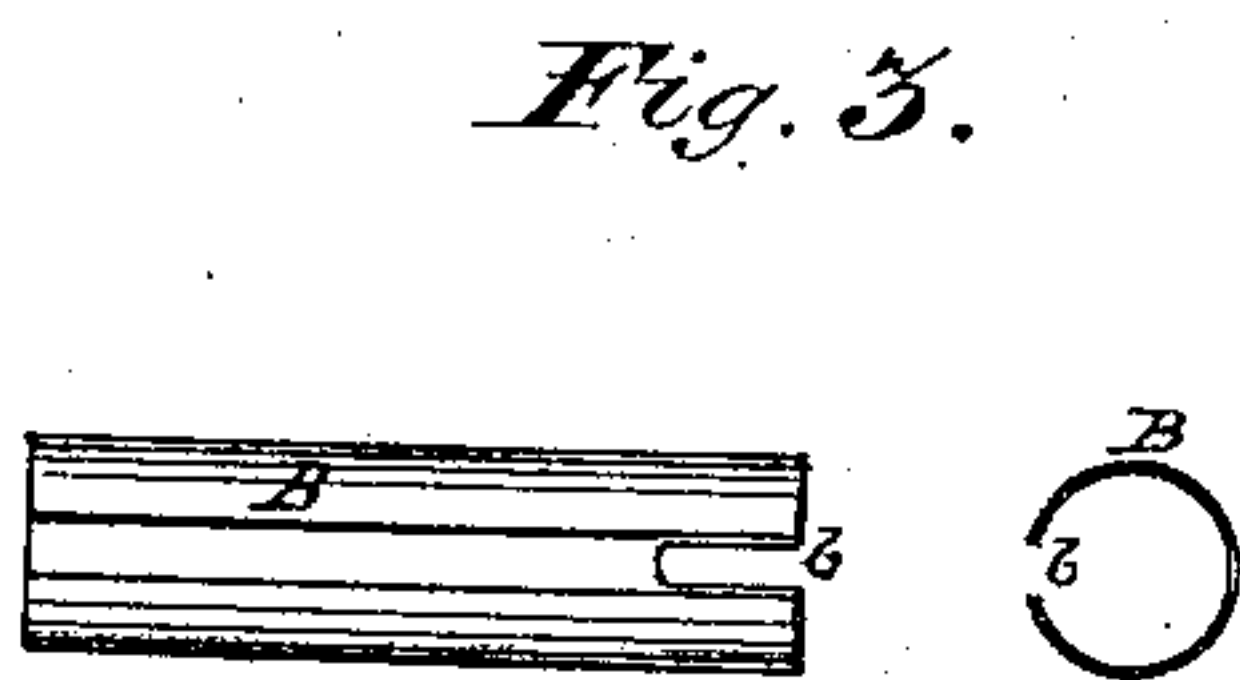
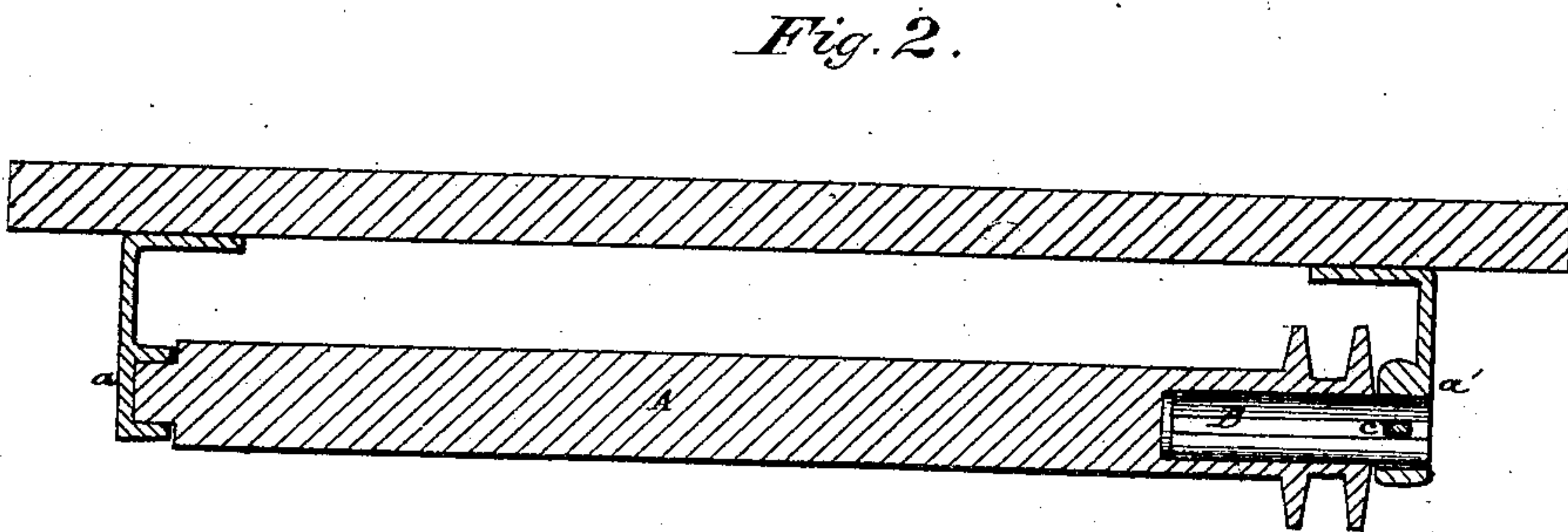
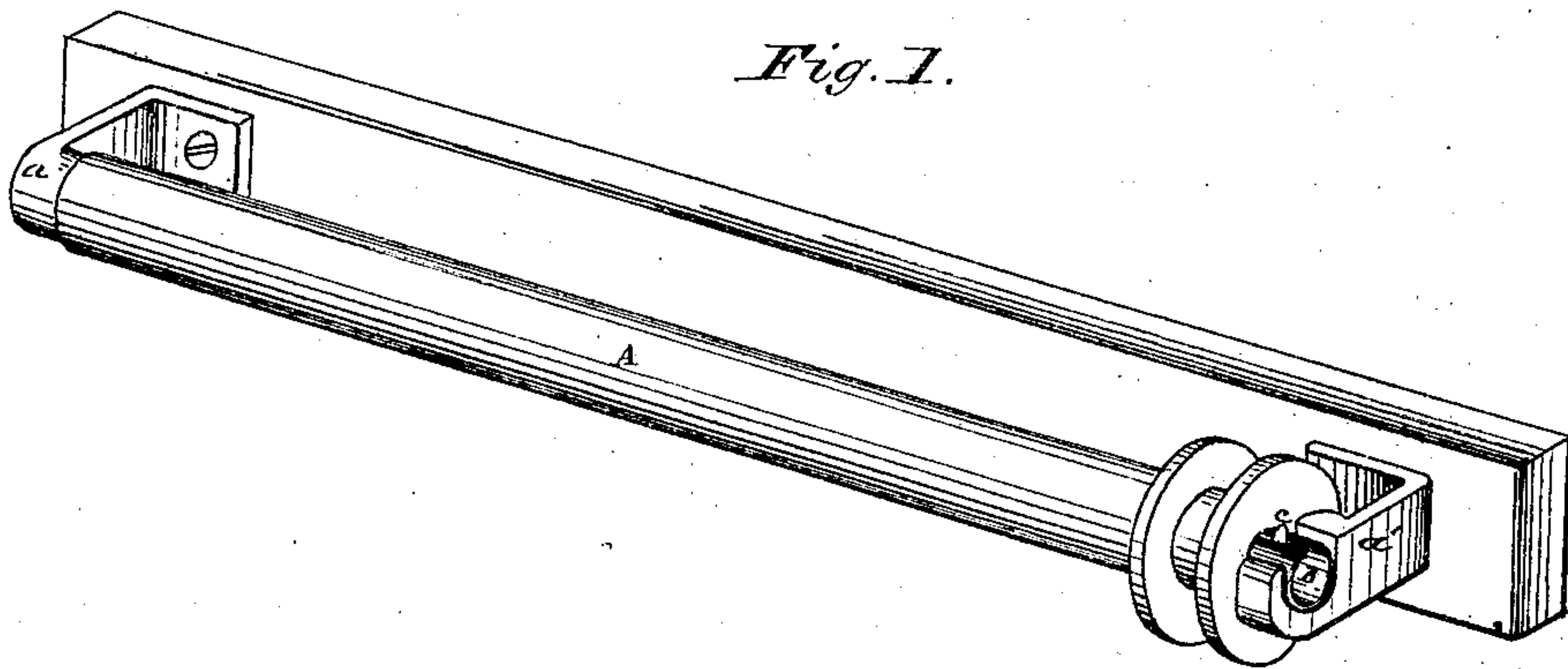


D. G. CHASE.

Improvement in Curtain-Fixtures.

No. 127,565.

Patented June 4, 1872.



Witnesses:

Alonzo Hughes
H. S. Miller.

Inventor:

Daniel G. Chase,
by his attorneys—
A. H. & R. K. Evans.

UNITED STATES PATENT OFFICE.

DANIEL G. CHASE, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN CURTAIN-FIXTURES.

Specification forming part of Letters Patent No. 127,565, dated June 4, 1872.

To all whom it may concern:

Be it known that I, DANIEL G. CHASE, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain Improvements in Curtain-Fixtures, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing making a part of this specification, in which—

Figure 1 is a perspective view of my invention. Fig. 2 is a horizontal sectional view. Fig. 3 is a view of the cylindrical friction-spring detached from the roller.

The object of my invention is to provide a cheap and convenient roller for curtains, which will have the requisite friction to prevent the curtain from running down; and it consists in a stationary friction-spring so arranged that the friction is applied inside the roller, while the spring itself furnishes a bearing for the roller.

In the drawing, A represents the roller, and *a a'* the sockets in which it turns. B is a stationary friction-spring, introduced into one end of roller and extending outward, thus making a support for the roller upon its brack-

et or socket. The spring is slotted at *b*, and the slot is made to fit snugly over the pin or tongue *c* in such a manner that the spring cannot turn with the roller.

Claims.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The construction and arrangement of the cylindrical friction-spring so as to afford the friction requisite to prevent the curtain from running down, while at the same time it gives a bearing for the roller to turn upon, and furnishes a support at its outer end for the roller upon its bracket.

2. The construction and combination of the spring B and bracket *a'*, the former being slotted and the latter tongued in such a manner that the spring cannot turn with the roller.

• DANIEL G. CHASE.

Witnesses:

BENJ. F. ALLEN,
G. T. MARGISON.