

No. 670,286.

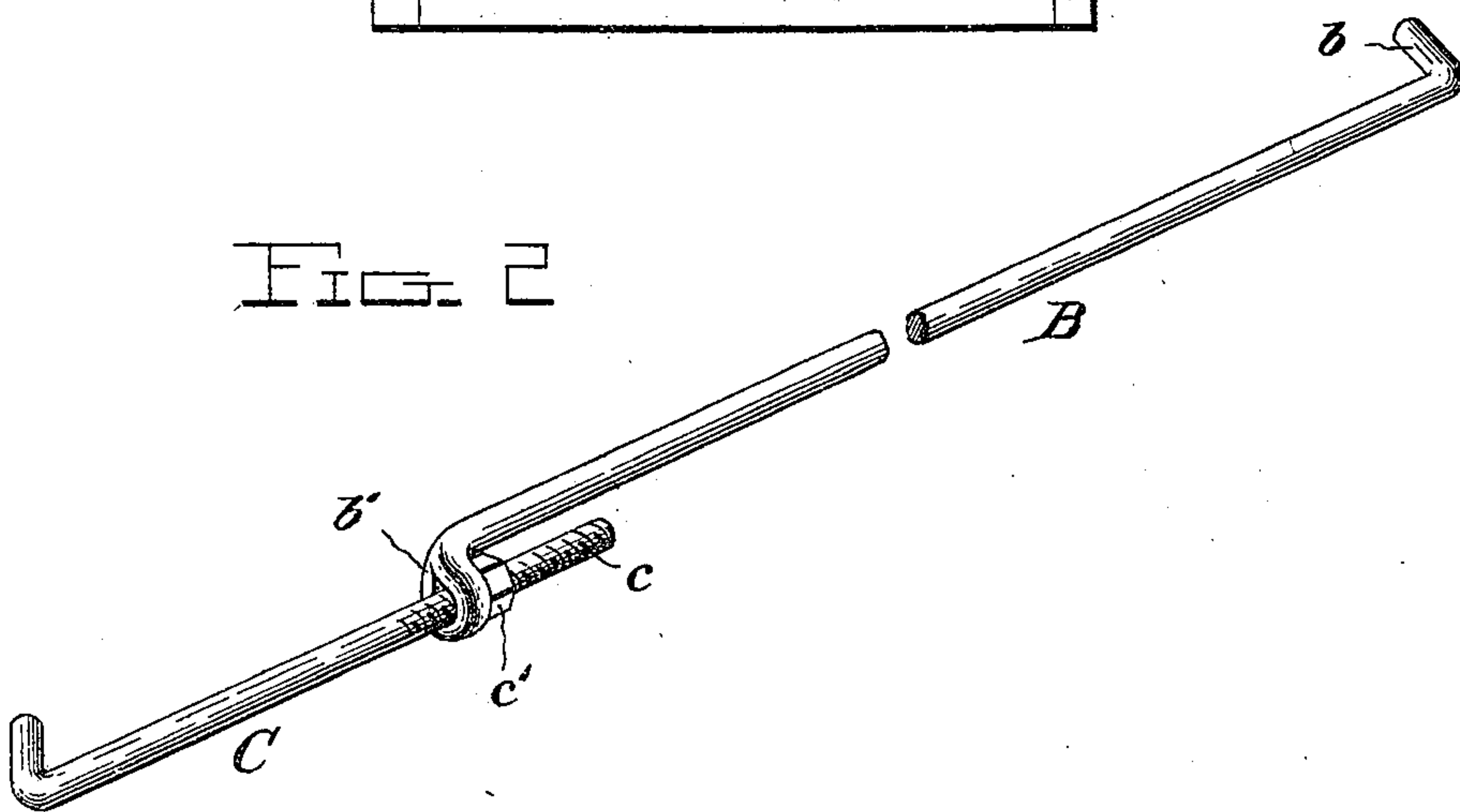
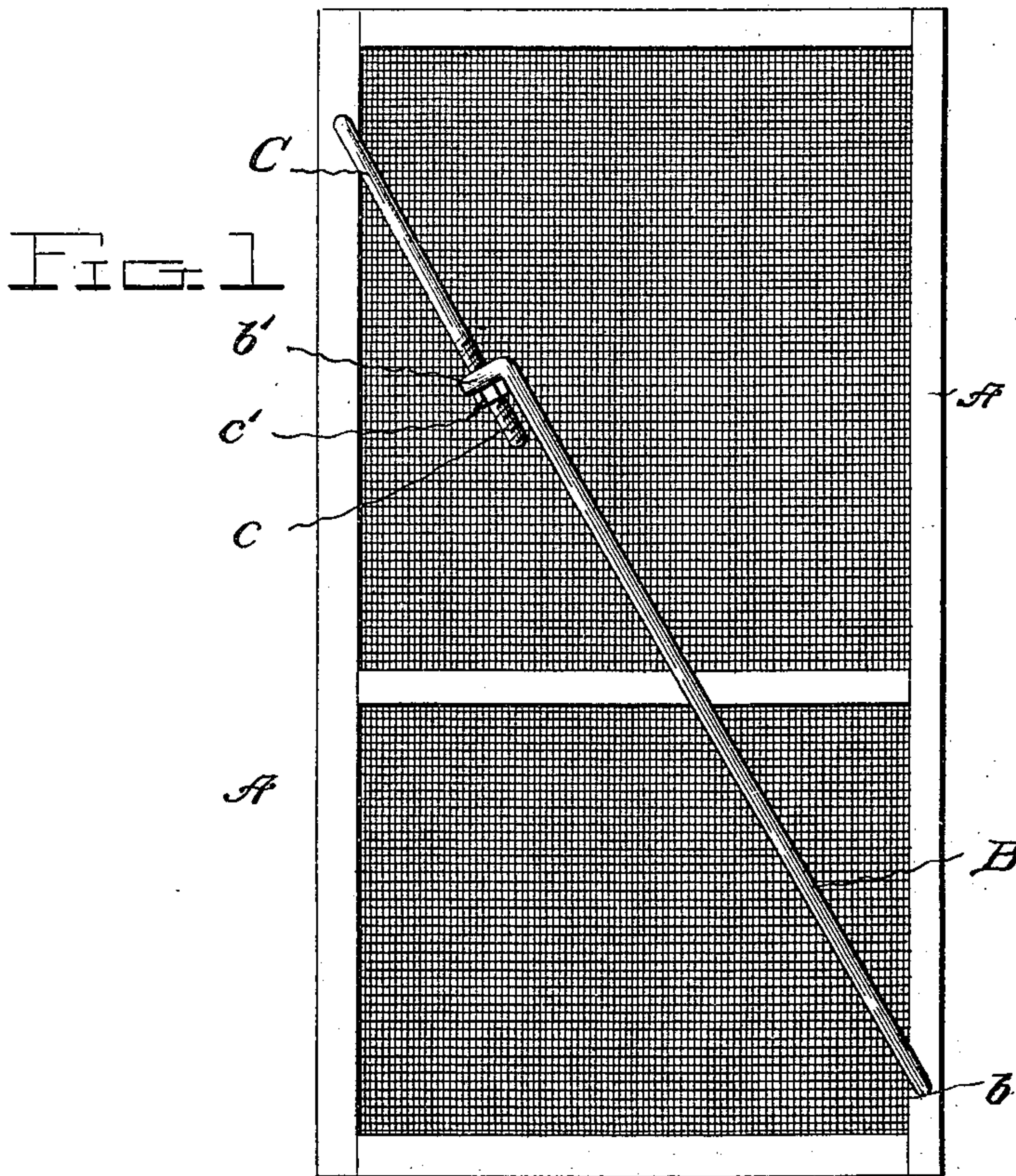
Patented Mar. 19, 1901.

H. W. LORTZ.

SCREEN DOOR.

(Application filed July 26, 1900.)

(No Model.)



Witnesses
J. A. Grieshaber Jr.
E. Peterson

Inventor
H. W. Lortz

by
A. B. Wilson & Co.
Attorneys

UNITED STATES PATENT OFFICE.

HENRY W. LORTZ, OF GYPSUM, KANSAS.

SCREEN-DOOR.

SPECIFICATION forming part of Letters Patent No. 670,286, dated March 19, 1901.

Application filed July 26, 1900. Serial No. 24,895. (No model.)

To all whom it may concern:

Be it known that I, HENRY W. LORTZ, a citizen of the United States, residing at Gypsum, in the county of Saline and State of Kansas, have invented certain new and useful Improvements in Screen-Doors; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention relates to screen-doors.

The object of the invention is to provide means for taking up the sag in a screen-door, and thereby prevent it from binding.

With this object in view the invention consists in certain features of construction and combination of parts, which will be hereinafter fully set forth.

In the accompanying drawings, Figure 1 is a side elevation of a screen-door embodying my invention, and Fig. 2 is a detail perspective view of the brace removed.

Referring to the drawings, A denotes the side rails of the door, and B C denote the two parts forming the door-brace. The part B is provided with a lug or point *b*, which is adapted to be buried in one of the door-rails or be seated in the socket previously formed therein and is provided with an eye *b'*, turned down at right angles to the length of the body portion. The part C has a lug or point which is adapted to be seated in the socket formed in the other door-rail or be buried therein and has its opposite end screw-threaded, as shown at *c*. This lug passes through the eye *b'* and is provided with a clamping-nut *c'*, which in drawing the parts of the fastener together seats and turns on the upper surface of the eye.

If the free or swinging edge of the door sags, all that is necessary to take up the sag and raise the door to its normal position is to adjust the nut *c'*, which will greatly strengthen the door and hold it in its adjusted position.

From the foregoing description, taken in connection with the accompanying drawings, the construction, operation, and advantages of my invention will be readily understood without requiring an extended explanation.

The device is exceedingly useful for the purpose for which it is designed and may be placed upon the market at a comparatively small cost.

Having thus fully described my invention, what is claimed, and desired to be secured by Letters Patent, is—

1. In a device of the character described, the combination of two rods, each of which is provided on its outer end with a lug adapted to be engaged with the outer rails of a screen-door, one of the ends of said rods being formed with an eye which extends at right angles to the body portion of the rod, and the other end having its end screw-threaded and projecting through said eye, and a tightening-nut engaged with the screw-threaded end and adapted to bear against the upper face of the eye, substantially as set forth.

2. The combination of the side rails of a screen-door, a brace consisting of two parts, each of which has its outer ends formed with a lug to engage with said rails, the inner end of one of said parts being formed with an eye which extends at right angles to the body portion of the rod, and the inner end of the other part being screw-threaded and projecting through said eye, and a clamping-nut to engage the screw-threaded end and bearing against said eye, substantially as set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

HENRY W. LORTZ.

Witnesses:

ENOS RALPH CHENEY,
JONATHAN SCHMITTER.