

(No Model.)

LE GRAND TERRY.
STAY ROLLER FOR SLIDING DOORS.

No. 298,914.

Patented May 20, 1884.

Fig. 1.

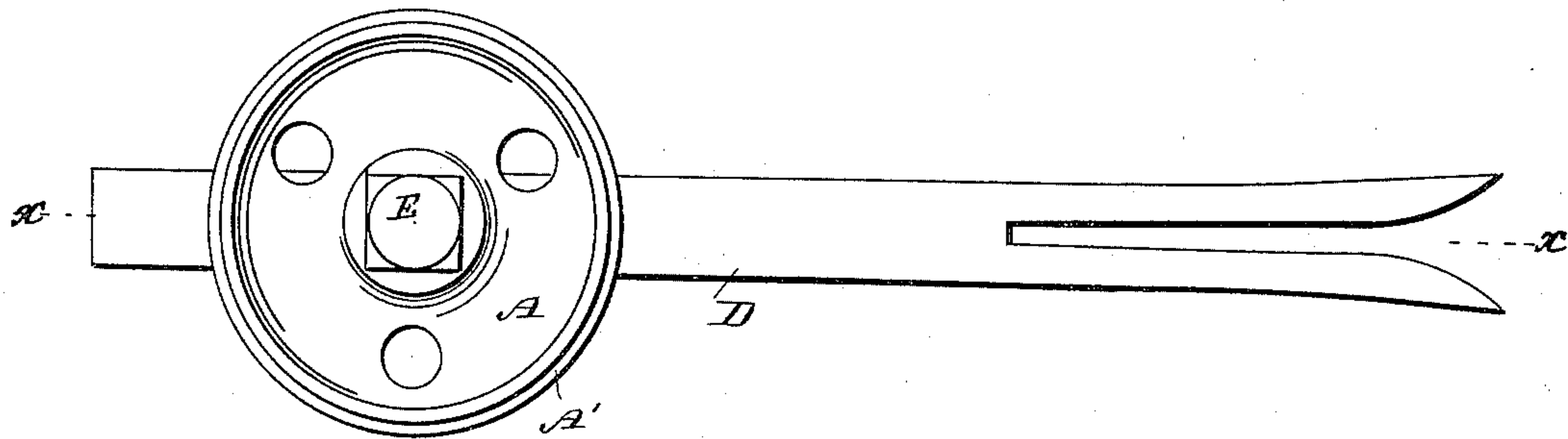


Fig. 2.

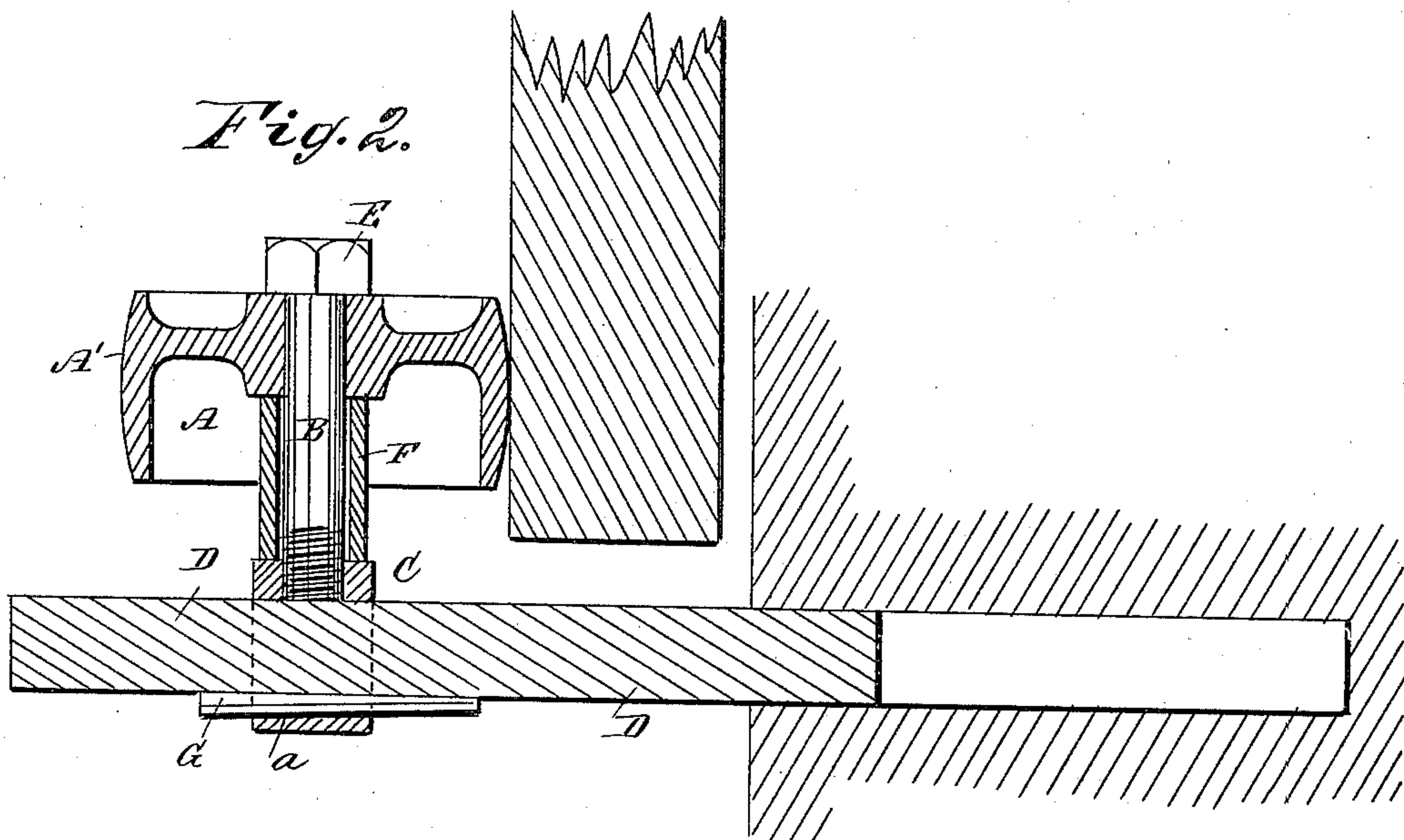
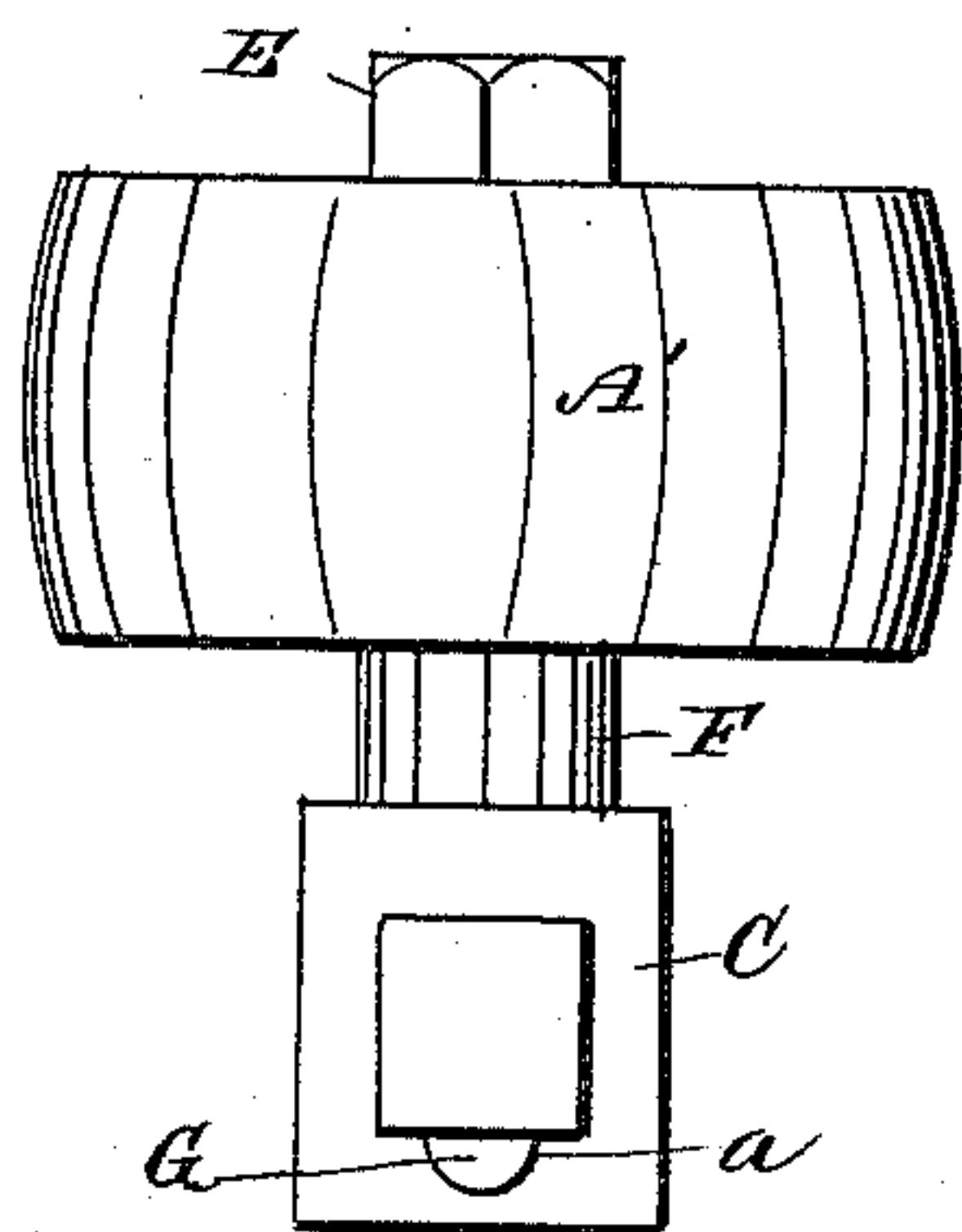


Fig. 3.



WITNESSES:

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LE GRAND TERRY, OF HORSEHEADS, NEW YORK.

STAY-ROLLER FOR SLIDING DOORS.

SPECIFICATION forming part of Letters Patent No. 298,914, dated May 20, 1884.

Application filed December 12, 1883. (No model.)

To all whom it may concern:

Be it known that I, LE GRAND TERRY, of Horseheads, in the county of Chemung and State of New York, have invented a new and Improved Stay-Roller for Sliding Doors, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved stay-roller for guiding the bottom of a sliding door.

The invention consists in the construction and arrangement of parts as will be hereinafter fully described and claimed.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a plan view of my improved stay-roller. Fig. 2 is a longitudinal sectional elevation of the same on the line *xx*, Fig. 1, showing the roller applied to use; and Fig. 3 is an end view of the same.

The roller A, which has a transversely-curved rim, A', is mounted on an upright spindle, B, the lower end of which is screwed into the collar C, on the outer end of an arm, D, the inner end of which arm is split longitudinally. A head, E, is formed on the upper end of the spindle B, which head rests on the top of the hub of the roller. The spindle B is surrounded by a sleeve, F, resting on the collar C, on which sleeve the roller A rests. The collar C, which is made square to fit on the end of the arm D, is provided with a groove, *a*, in the upper surface of its bottom cross-piece, which groove may be parallel with the arm D, and is adapted to receive a key, G, for holding the collar in place. The arm D is driven into the wall, &c., and is held in place

securely by the spreading of its split end, and prevented from turning. The collar C can be shifted on the arm D until the roller is in the desired place, and then the collar can be locked in place by means of the key G. By means of the screw-spindle B the roller can be pressed on the upper end of the sleeve F, and can be held sufficiently firm to prevent rattling, at the same time permitting the roller to revolve freely, and the screw also serves as a set-screw to hold the collar C in place on the arm D. The curved arm A' prevents undue friction of the roller on the door H.

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

1. The combination, with the arm D, of the collar C on the same, which collar is provided with a groove, *a*, the key G, the spindle B, removably secured to said collar, and the roller A, mounted on the spindle, substantially as herein shown and described.

2. The combination, with the arm D, of the collar C on the same, the spindle B, screwed in the collar C, the sleeve F, surrounding the spindle, and the roller A, mounted on the spindle, substantially as herein shown and described.

3. The combination, with an arm, of a collar mounted adjustably on the same, and provided with a key for locking it in place, a spindle on the collar, and a roller mounted on the spindle, substantially as herein shown and described.

LE GRAND TERRY.

Witnesses:

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