(Model.)

C. JOHNSON.

Door Hanger.

No. 232,828. Patented Oct. 5, 1880.

Fig. 1.

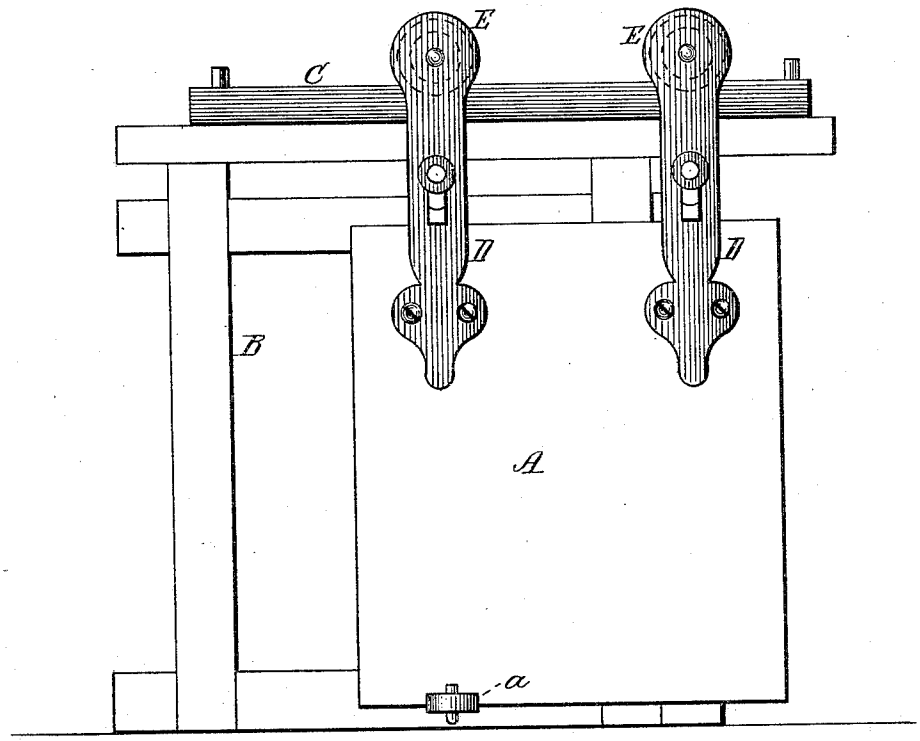
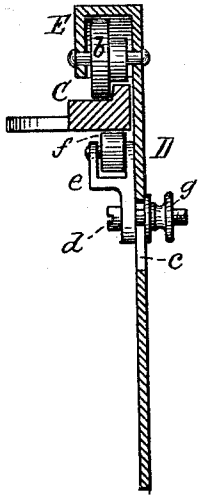


Fig. 2.



Witnesses

Nat. E. Oliphant,

Geo. R. Porter.

Inventor

Charles Johnson,

per Chas. H. Fowler

Attorney.

N. PETERS PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

CHARLES JOHNSON, OF TOWANDA, PENNSYLVANIA.

DOOR-HANGER.

SPECIFICATION forming part of Letters Patent No. 232,828, dated October 5, 1880.

Application filed June 25, 1880. (Model.)

To all whom it may concern:

Be it known that I, CHARLES JOHNSON, a citizen of the United States, residing at Towanda, in the county of Bradford and State of Pennsylvania, have invented certain new and useful Improvements in Door-Hangers; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 is a front elevation of my invention, showing it applied to a door; and Fig. 2 is a sectional view of the hanger and rail or track.

The present invention has relation to certain new and useful improvements in that class of devices employed for suspending rolling gates or doors; and the invention consists in the details of construction as illustrated in the drawings and hereinafter claimed.

In the accompanying drawings, A represents the door, and B the door-frame, provided with a suitable rail, C, either of wood or metal, as found most desirable.

To the lower part of the frame B is secured, by any convenient means, a roller, *a*, which comes in contact with the door A at the bottom thereof, to prevent it from swinging outward.

To the door A are secured the hangers D, cast with hoods E, which partially cover the bearing-wheels *b*, the same being designed to travel upon the rail C to suspend the door or gate to which the hangers are secured.

The hoods E prevent the wind from blowing straws and dirt in and impeding the wheels in their operation, and also shield them from the snow in winter.

The hangers D have elongated openings *c*, through which passes a screw-bolt, *d*, having connected to it a bracket, *e*, carrying pressure-rollers *f*, a nut, *g*, upon the screw-threaded end of the bolt, admitting of the roller being securely held in place to the hanger after it has been vertically adjusted to bear against the under side of the rail C.

By having the rollers *f* vertically adjustable the hangers can be accommodated to rails of different dimensions and heights, the adjustment of the rollers also preventing the wheels *b* from jumping the rails or tracks.

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

The door-hangers D, carrying-wheels *b*, and vertically-adjustable rollers *f*, substantially as and for the purpose set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

CHARLES JOHNSON.

Witnesses:
E. L. DECKER,
J. N. CALIFF.