

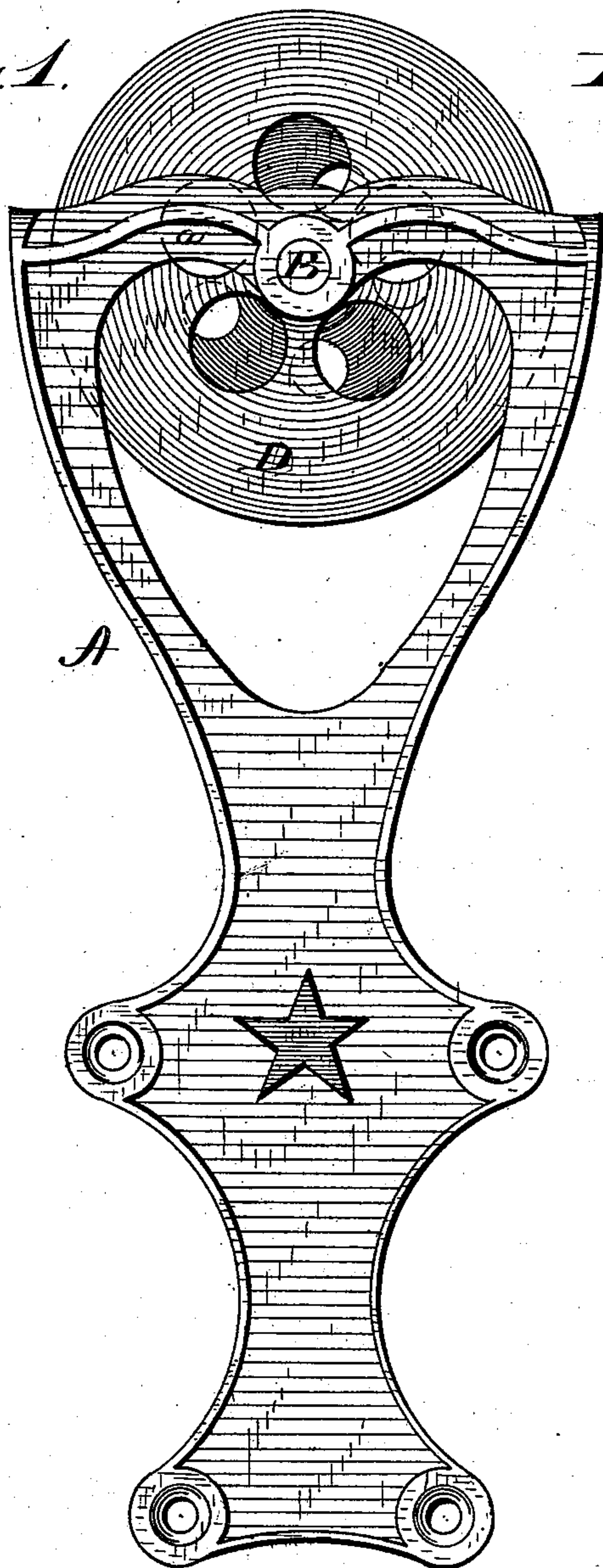
(Model.)

S. A. DRAKE.  
Door Hanger.

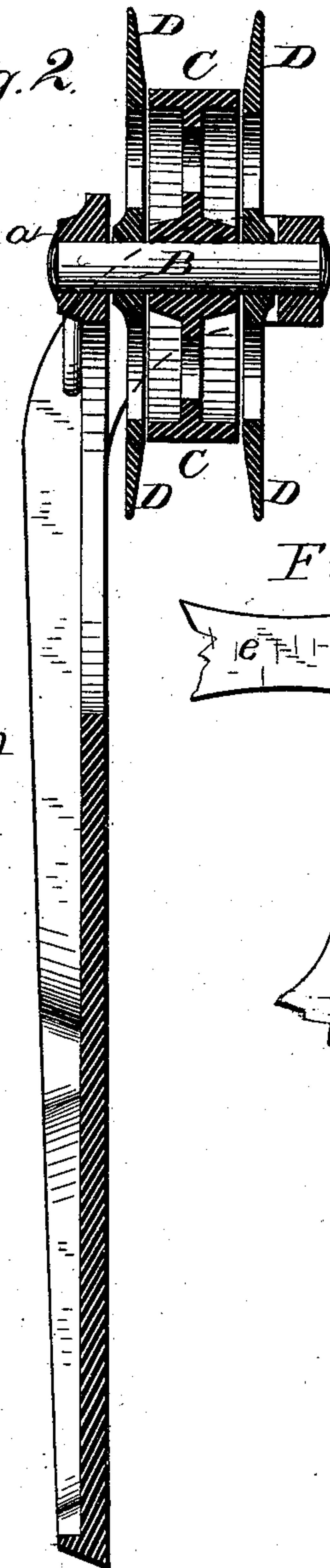
No. 236,006.

Patented Dec. 28, 1880.

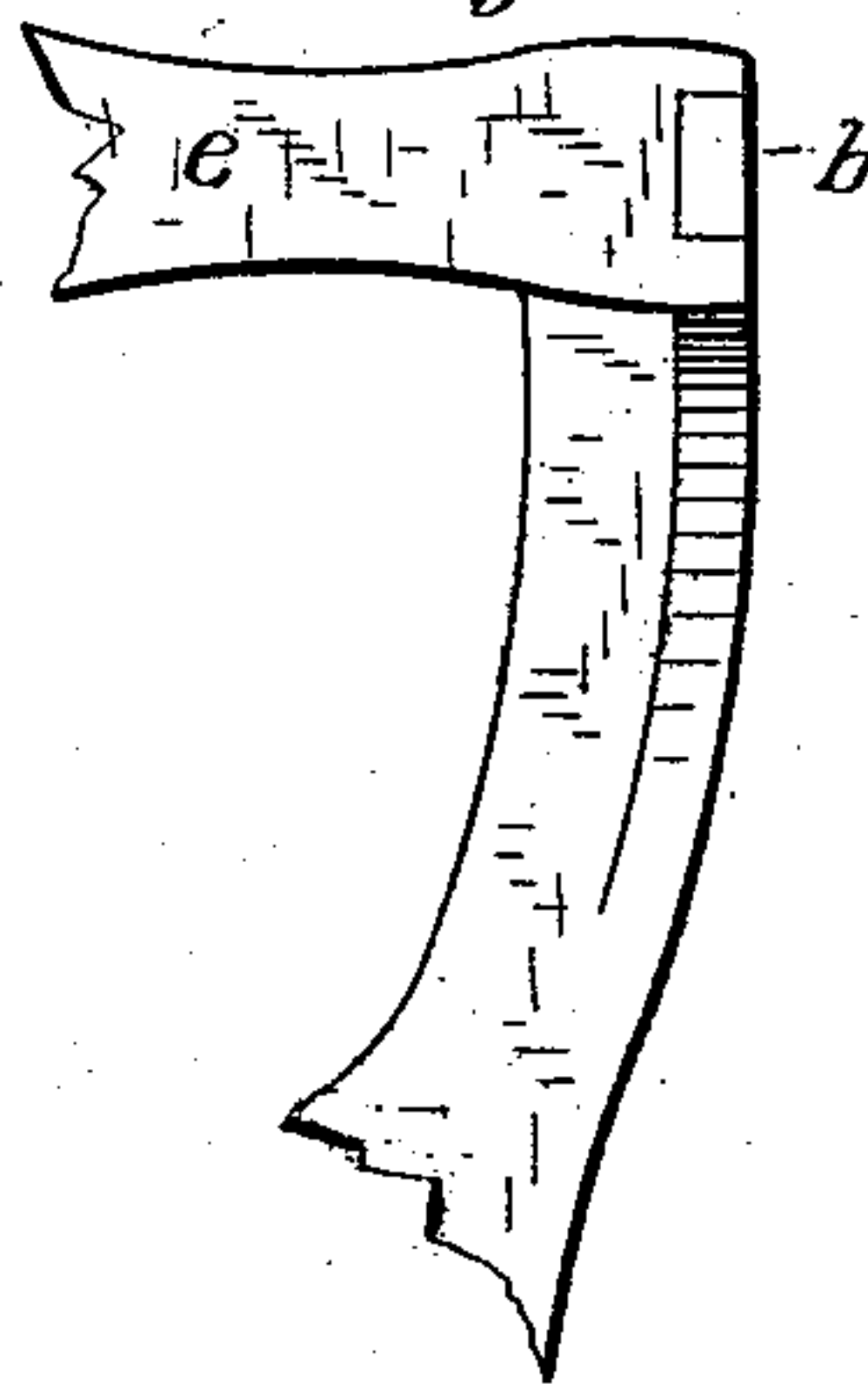
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Witnesses:  
Frank L. Curand  
J. J. McCarthy.

Inventor:  
S. A. Drake  
By Alexander M. Mator  
att'y

# UNITED STATES PATENT OFFICE.

SERENO A. DRAKE, OF FARMER VILLAGE, NEW YORK.

## DOOR-HANGER.

SPECIFICATION forming part of Letters Patent No. 236,006, dated December 28, 1880.

Application filed March 25, 1880. (Model.)

*To all whom it may concern:*

Be it known that I, SERENO A. DRAKE, of Farmer Village, in the county of Seneca, and in the State of New York, have invented certain new and useful Improvements in Barn-Door Rollers; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a barn-door hanger and roller, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a side view of my barn-door hanger. Fig. 2 is a vertical section of the same. Fig. 3 represents a perspective view of a portion of the frame detached, showing the means of connecting the cross-bar which forms one of the supports for the roller-shaft.

The letter A indicates a frame consisting of a vertical hanger provided with screw-apertures for the screws, whereby it may be secured to the door, bifurcated at its upper end, and provided with a permanent cross-piece, *a*, forming one of the bearings for the roller-shaft, and with horizontal extensions *b*, tenoned at their extremities for the reception of the slot-

ted ends of the removable cross-piece *e*, which forms the bearing for the other end of the roller-shaft, the roller-shaft being riveted in place after the roller and flanges have been placed thereon, serving to hold the parts together in a most substantial manner without other fastenings. This roller is composed of a center wheel, C, and two side flanges, D D, made entirely separate from each other and placed loosely on the shaft or axle. By this construction of the roller much unnecessary friction is avoided, while at the same time the roller is held securely on the track.

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

The combination of the hanger A, bifurcated at its upper end and provided with a permanent cross-piece forming one of the bearings for the roller-shaft, and with tenoned horizontal extensions, the detachable cross-piece forming the other bearing for the said shaft and slotted at its ends to fit the tenoned extensions, the loose roller and independent flanges, and the roller-shaft adapted to secure the parts together when riveted in place without other fastenings, substantially as specified.

In testimony that I claim the foregoing I have hereunto set my hand this 18th day of March, 1880.

SERENO A. DRAKE.

Witnesses:

A. H. BROOKS,  
ISAAC H. STOUT.