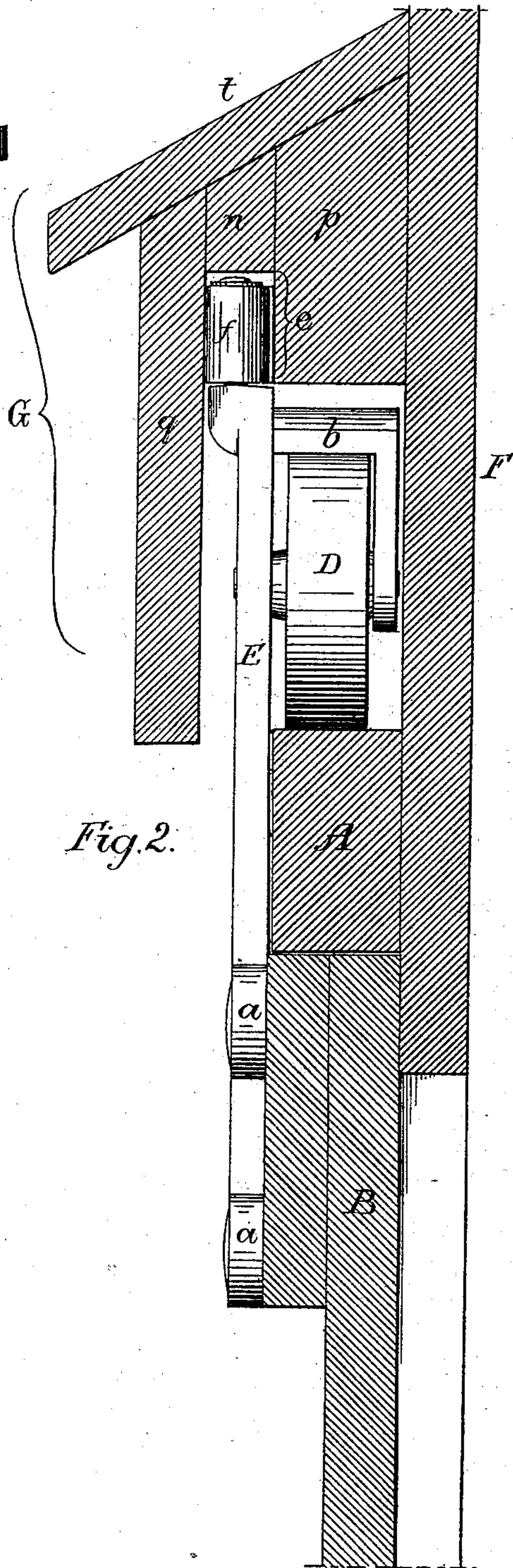
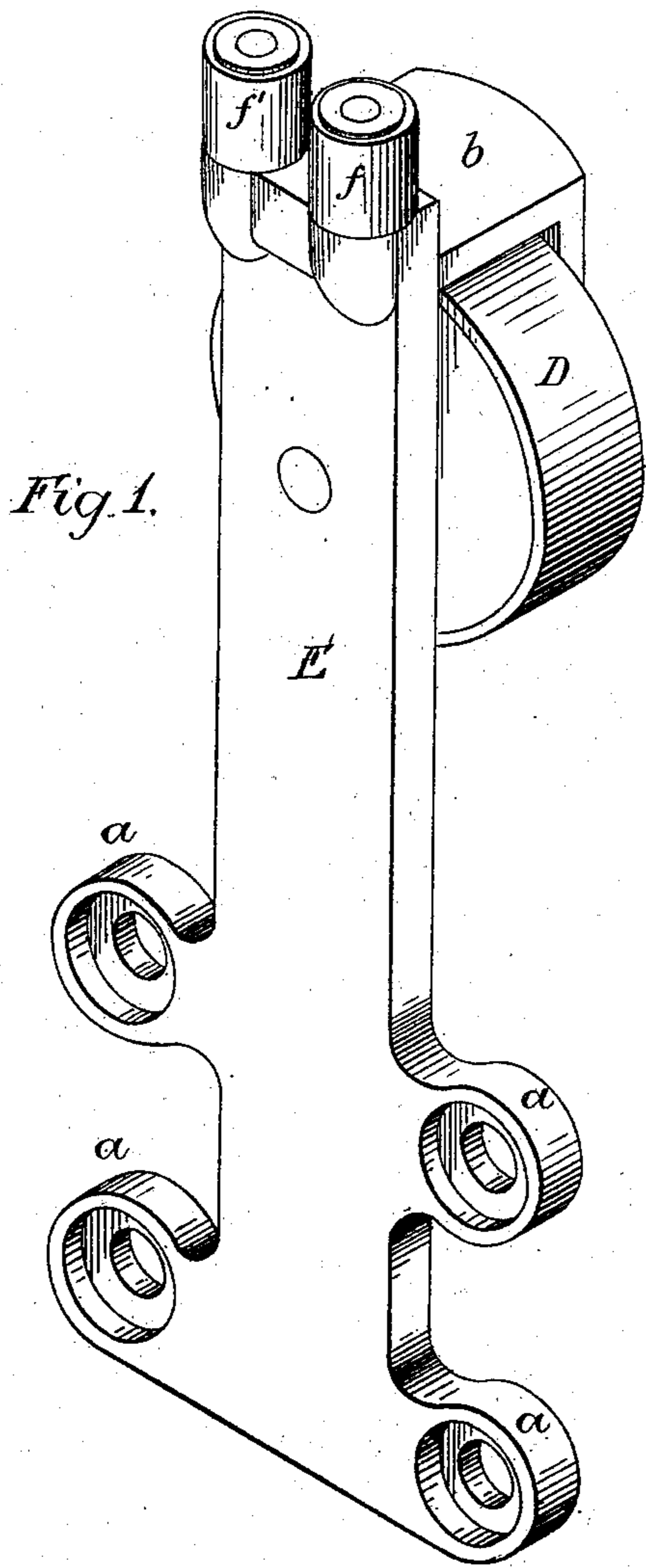
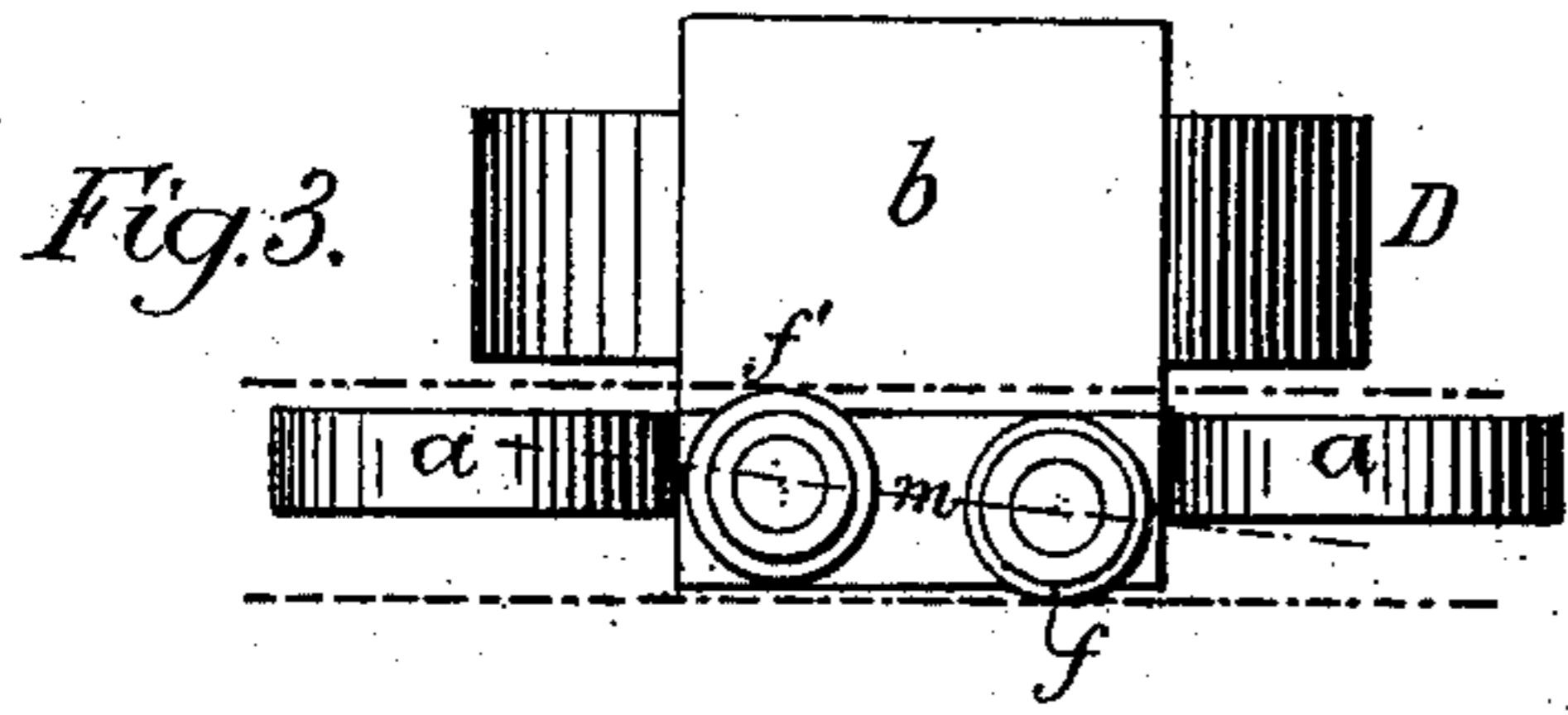


(No Model.)

A. PARKMAN.
DOOR HANGER.

No. 268,274.

Patented Nov. 28, 1882.



Witnesses
James F. Tobin
Hamilton D. Turner.

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UNITED STATES PATENT OFFICE.

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DOOR-HANGER.

SPECIFICATION forming part of Letters Patent No. 268,274, dated November 28, 1882.

Application filed May 25, 1882. (No model.)

To all whom it may concern:

Be it known that I, ABRAHAM PARKMAN, a citizen of the United States, and a resident of Philadelphia, Pennsylvania, have invented certain Improvements in Barn-Door Hangers, of which the following is a specification.

My invention consists of a barn-door hanger constructed in the peculiar manner fully described hereinafter; also, of the combination of the said hanger with a cornice on the barn, for the twofold purpose of laterally guiding the hanger and of shielding the upper portion of the same and the rail on which its roller traverses from the weather and from particles of hay and straw.

In the accompanying drawings, Figure 1 is a perspective view of my improved barn-door hanger; Fig. 2, a vertical section of part of the barn-door and the permanent structure to which it is hung, showing the improved hanger; and Fig. 3, a top view of the hanger.

A is the permanent wooden rail, to which the door B is suspended, and on which the wheel D of the hanger traverses.

The body of the hanger consists of a cast-iron plate, E, having lugs *a*, through which screws or bolts are introduced into or through the door B, for firmly securing the hanger to the same.

The wheel D is hung to a pin, one end of which is supported by the body of the plate E, the opposite end being supported by an extension, *b*, of the hanger, the said extension overhanging the wheel, as shown in Fig. 2.

F represents part of the permanent front of the barn structure, and to this is secured, above the doorway, a projection or cornice, G, which overhangs the rail A, and which serves the twofold purpose of guiding the hanger and door laterally and shielding the said rail, the roller, and upper portion of the hanger from exposure to the weather and from particles of hay or straw, which might interfere with the rail and moving parts of the hanger.

A groove, *e*, is formed in the cornice for receiving two rollers, *f f'*, adapted to pins projecting upward from the top of the hanger. These rollers are less in diameter than the width of the groove *e*, and the centers of the pins are in a dotted line, *m*, Fig. 3, which is inclined in respect to the opposite sides of the groove, so that one roller will bear against one side and the other against the opposite side of the said groove—an arrangement which permits the rollers to rotate freely. At the same time the two rollers serve to guide the hanger laterally and insure the traversing of the door in a straight course.

The cornice G may be economically made of the four strips *n*, *p*, *q*, and *t*, of wood, the strip *q* extending downward, so as to shield the rail and upper portion of the hanger and rollers, the strips being such that they can be put together without any expensive fitting.

I claim as my invention—

1. A barn-door hanger in which are combined a hanger-plate, E, a supporting-wheel, D, and guide-rollers *f f'*, the centers of which are in a line at an angle to the course of the wheel D, as set forth.

2. The combination of the rail A and a cornice comprising the wide strips *p* and *q*, the narrow intervening strip, *n*, and the covering-strip *t*, with the hanger-plate E, having a wheel, D, adapted to the rail A, and rollers *f f'*, adapted to the groove formed by the strips *n*, *p*, and *q*, the centers of said rollers being in a line at an angle with the sides of the groove, as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ABRAHAM PARKMAN.

Witnesses:

A. STEINLEIN,
F. KRONER.