

T. VAN WAGONER.
Sash-Cord Guide.

No. 202,492.

Patented April 16, 1878.

Fig. 1

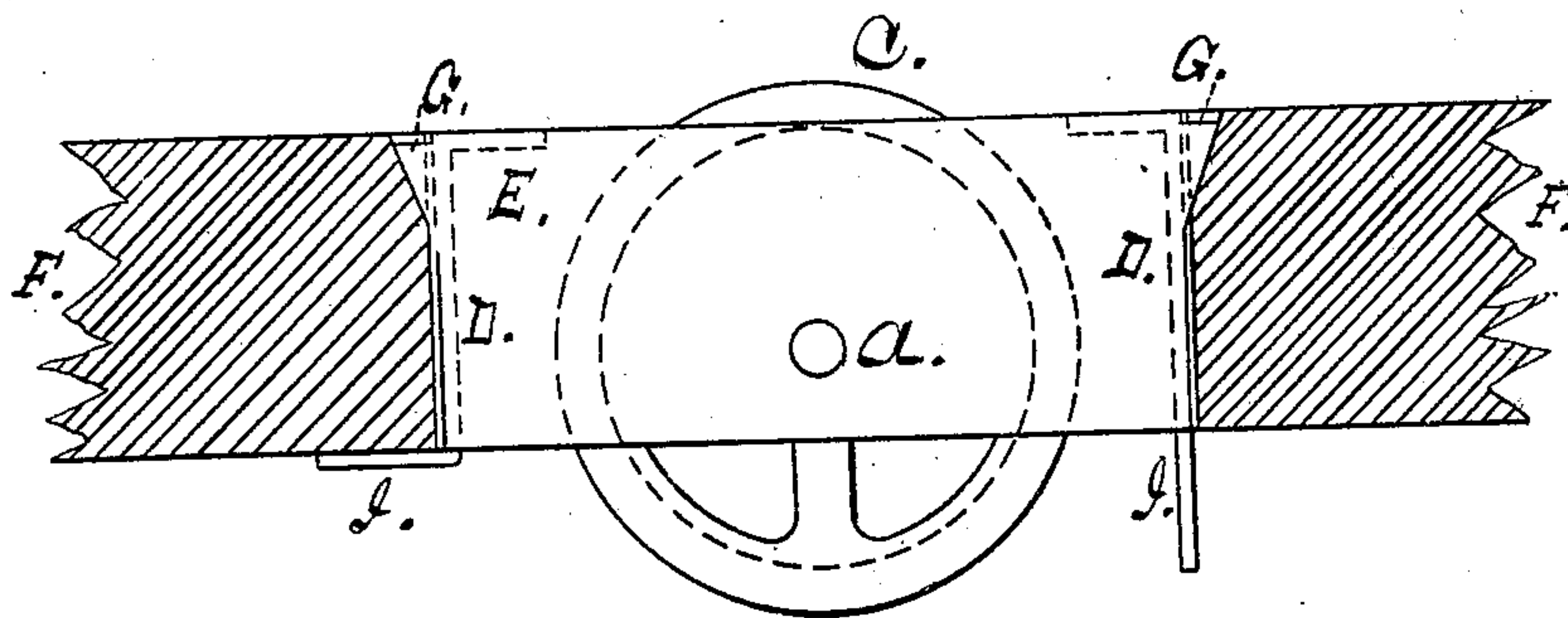
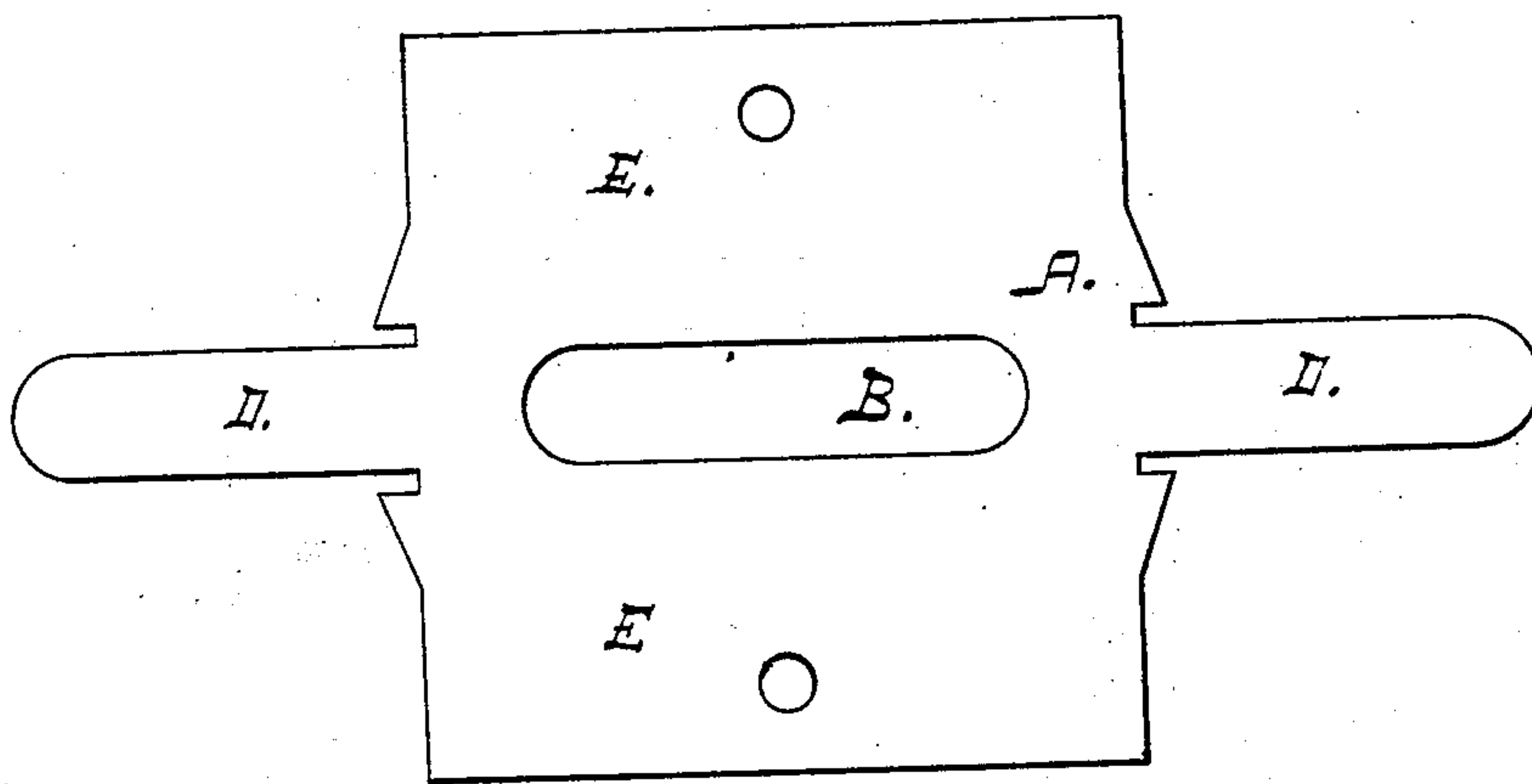


Fig. 2

Attest:

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Att'y

UNITED STATES PATENT OFFICE.

THOMAS VAN WAGONER, OF NEWARK, NEW JERSEY.

IMPROVEMENT IN SASH-CORD GUIDES.

Specification forming part of Letters Patent No. **202,492**, dated April 16, 1878; application filed March 21, 1878.

To all whom it may concern:

Be it known that I, THOMAS VAN WAGONER, of Newark, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Sash-Pulleys, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a plan of the blank of which the frame for the pulley is made, and Fig. 2 is a longitudinal section by the side of the frame.

The object of my invention is to make a cheap sash-pulley, and one that may be easily adapted to a window-frame without the use of screws or nails.

For this purpose I cut out the blanks A for the frame of one piece of sheet metal, as shown in Fig. 1, leaving the hole or slot B for the pulley C. This blank is then folded so that the end pieces D stand at right angles from the front or face, and form the ends of the frame. The sides E are then folded in like manner, and closed against the sides of the end pieces, making an oblong case or frame, in which the pulley is hung by the wire A.

The only preparation the window-frame needs for hanging these pulleys is to have a slot cut through the jamb F to receive the case or frame; and when the frame is pressed or driven into this slot, the oblique projections G at the front of each end of the sides are

pressed into the jamb, and become stops to prevent the frame from passing too far through the wood. When in position the ends I of the end pieces D are turned over on the back of the jamb, and prevent the pulley from coming out. One only in the drawings is turned over.

The one feature of the invention is in hanging the pulley in a frame made from one piece of sheet metal, being folded at the ends and sides, and having the stop projections G and the ends I made to turn over upon the back of the jamb, to keep the pulley in position.

I do not claim, broadly, making a frame from one piece of sheet metal and hanging the pulley therein, which I presume is not new; but

What I claim as my invention, and desire to secure by Letters Patent, is—

The sash-pulley frame made from a single piece of sheet metal, as described, with the rectangular sides E, registering with the sides of the mortise in the jamb, and furnished with the stop projections G, and the end pieces D, extending beyond the jamb, to serve, when turned down, for securing the frame in position, substantially as specified.

THOMAS VAN WAGONER.

Witnesses:

HORACE HARRIS,

CHARLES O. KANOUSE.