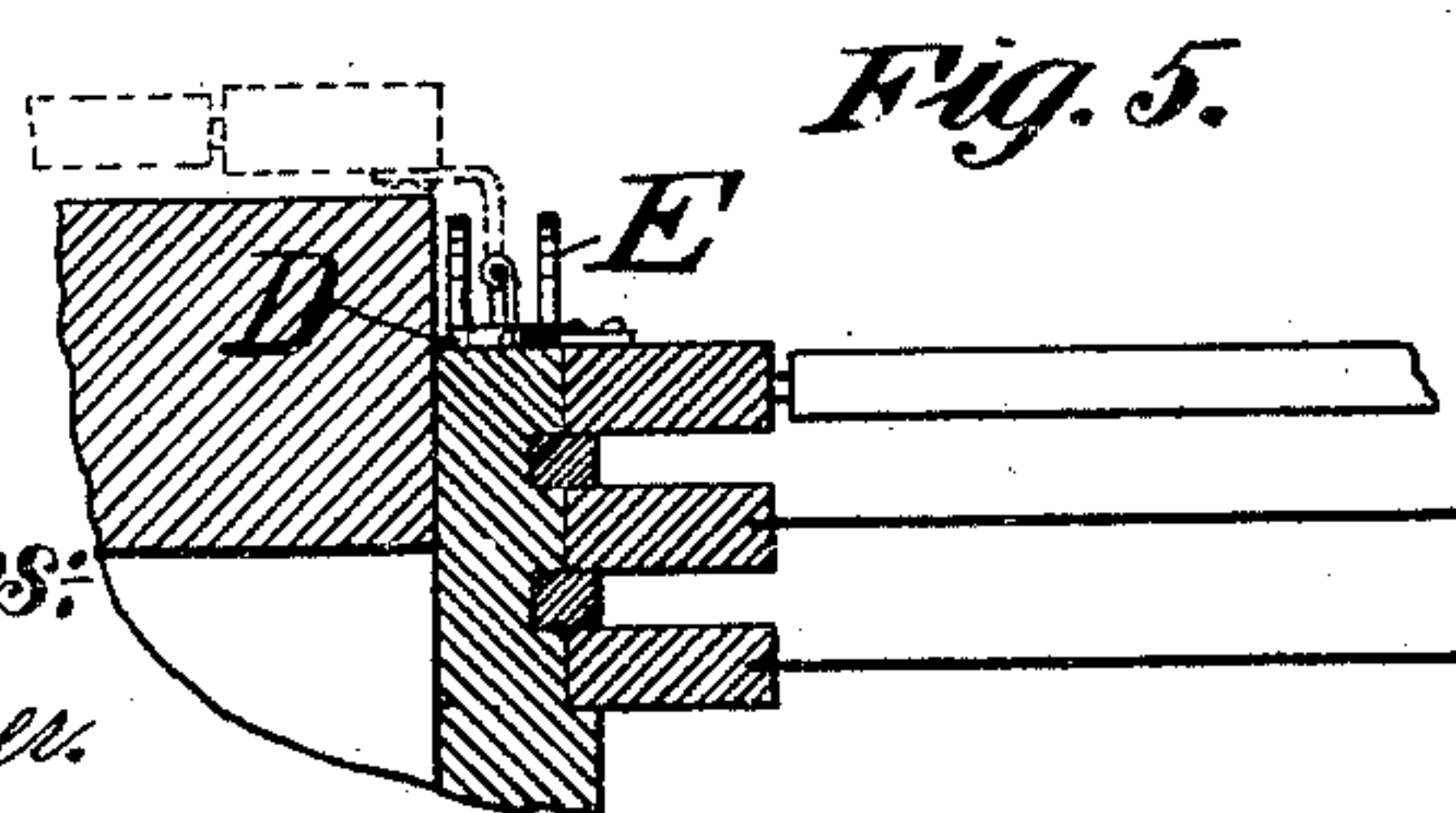
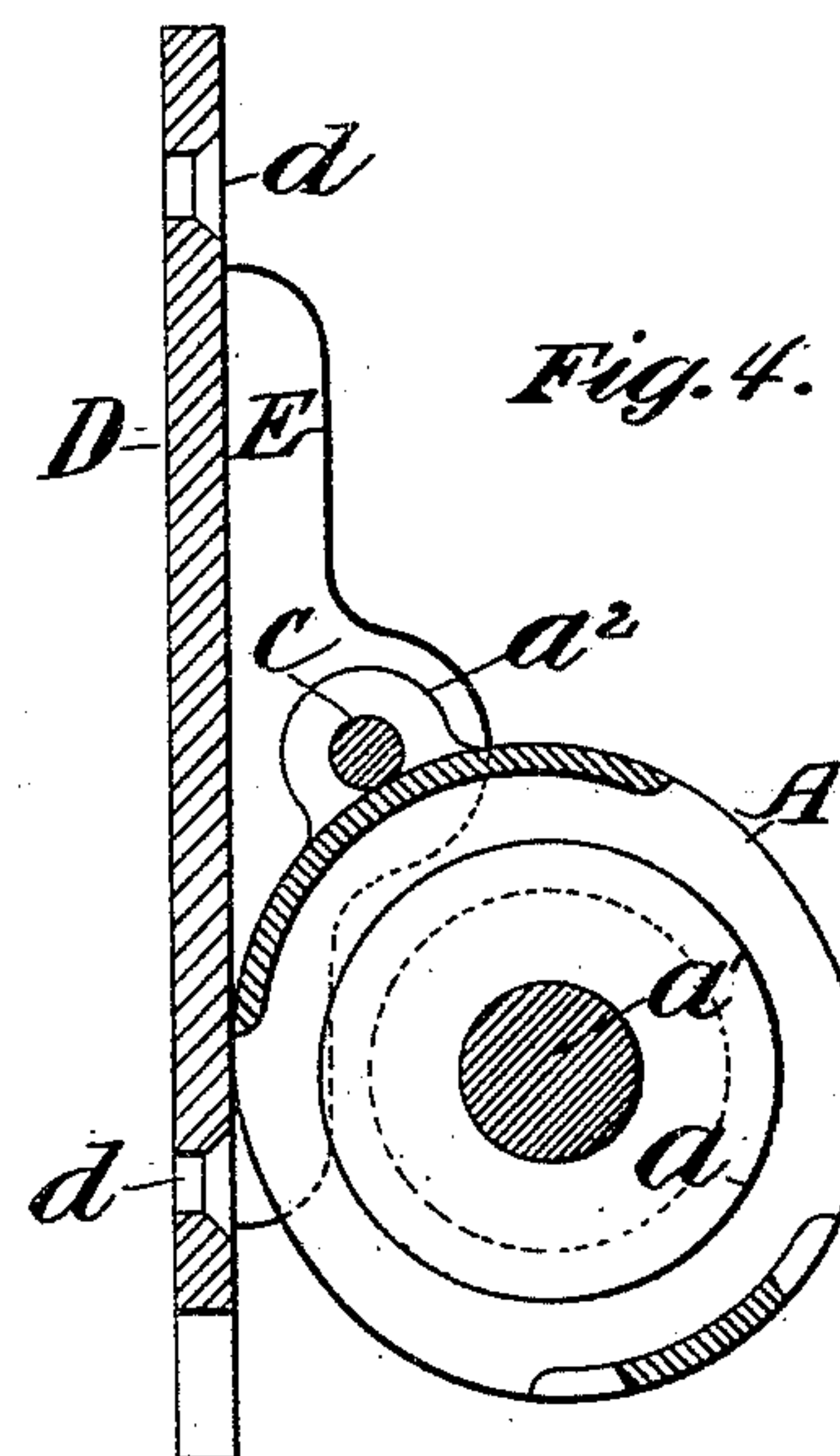
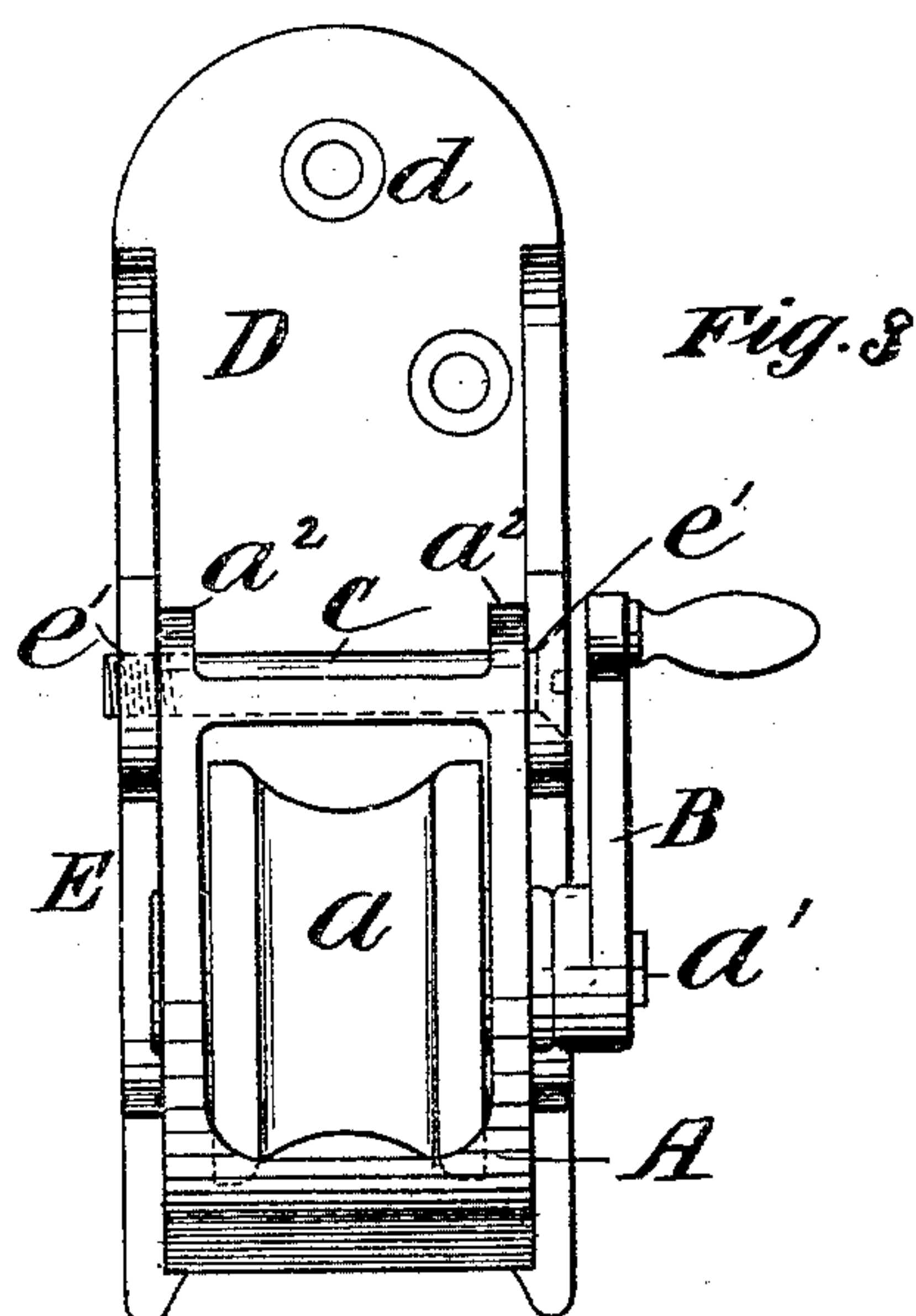
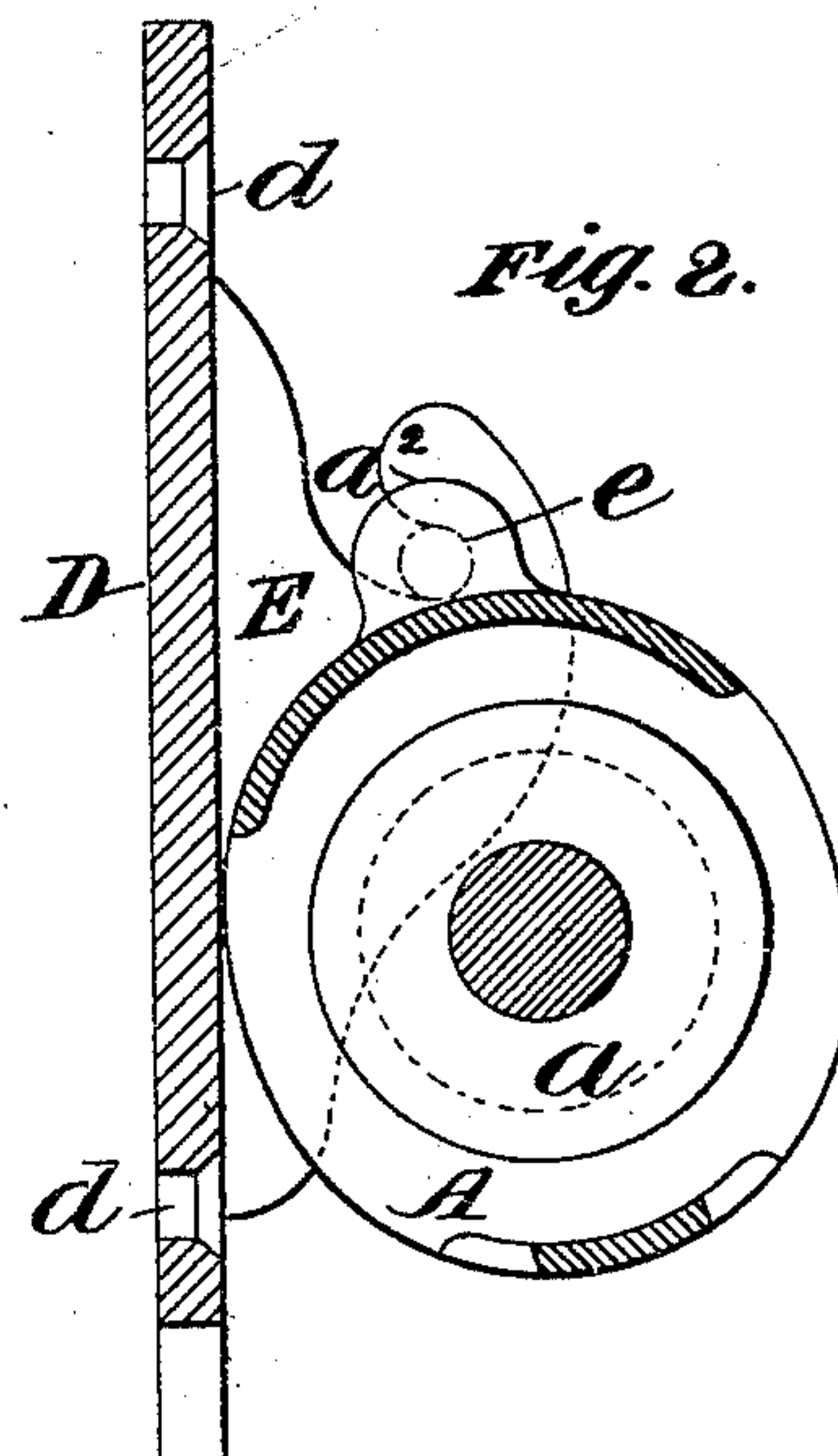
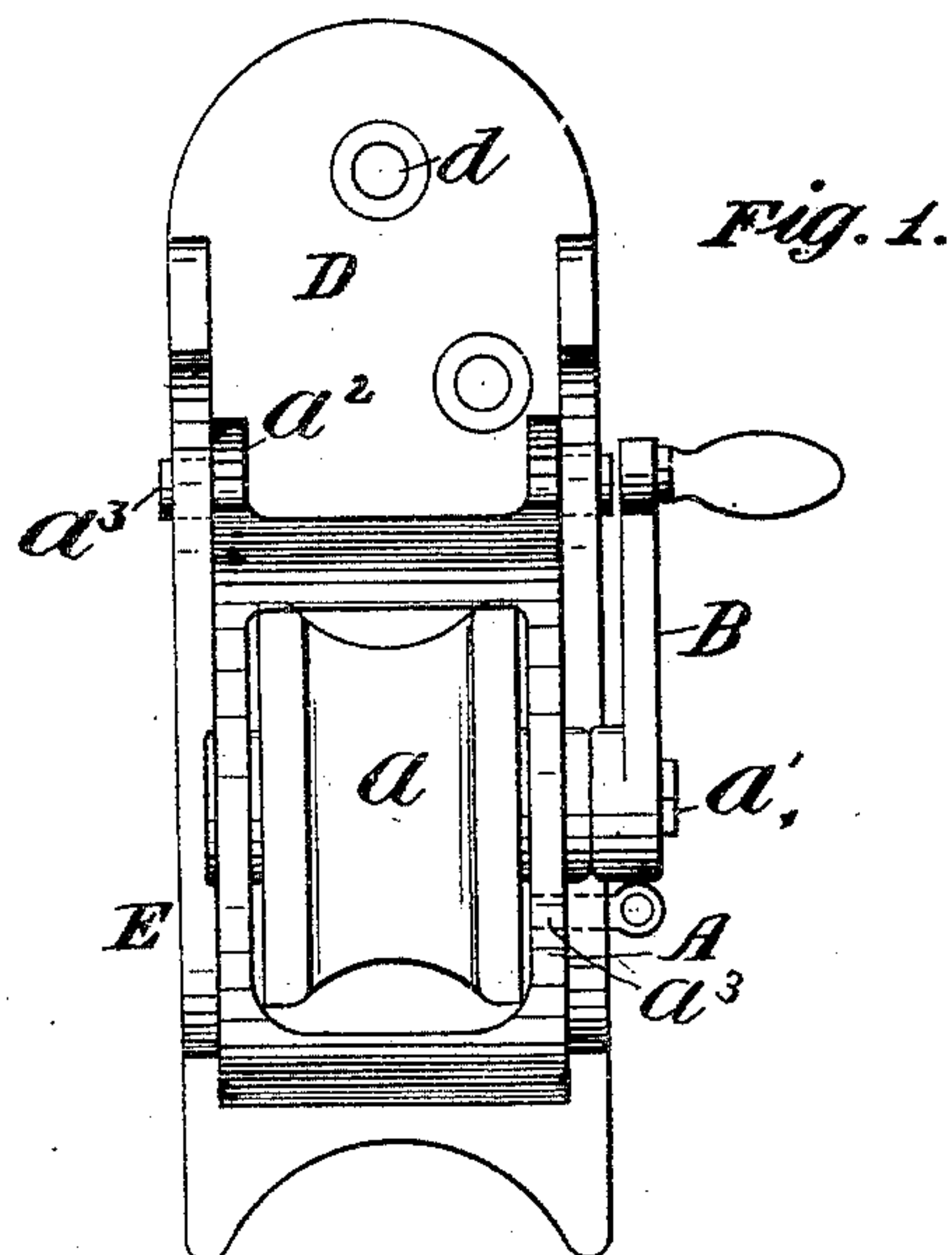


(No Model.)

O. LUND.
CLOTHES LINE PULLEY AND BRACKET.

No. 459,142.

Patented Sept. 8, 1891.



Witnesses:
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Inventor:
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UNITED STATES PATENT OFFICE.

OSCAR LUND, OF LONG ISLAND CITY, NEW YORK.

CLOTHES-LINE PULLEY AND BRACKET.

SPECIFICATION forming part of Letters Patent No. 459,142, dated September 8, 1891.

Application filed June 3, 1891. Serial No. 394,920. (No model.)

To all whom it may concern:

Be it known that I, OSCAR LUND, of Long Island City, in the county of Queens and State of New York, have invented a new and
5 useful Improvement in Clothes-Line Pulleys and Brackets, of which the following is a specification.

My invention relates to an improvement in clothes-line pulleys and brackets for sup-
10 porting a clothes-line from a point within easy reach from a window. Where outside shutters or blinds are used, it has been the practice to locate the clothes-line pulleys be-
15 low or to one side of the window-frame because of the narrow space between the path of the swinging shutter and the side of the frame, and the distance of the pulley from the window has often been required to be so
20 great as to be very inconvenient and annoying to the operator.

My present invention contemplates the construction of a pulley and bracket, the pulley block or frame having a removable en-
25 gagement with the bracket, so that the bracket may be permanently engaged with the window-frame at the side of the sash between the frame and the path of the swinging shutter and the block may be adjusted when the shutter is open and removed when the shutter
30 is to be closed.

A practical embodiment of my invention is represented in the accompanying drawings, in which—

Figure 1 is a view of the pulley and bracket
35 in front elevation, the pulley frame or block being engaged with the bracket as in use. Fig. 2 is a vertical transverse section of the same. Fig. 3 is a view in front elevation of the pulley and bracket, showing a different
40 form of pintle. Fig. 4 is a vertical transverse section of the same; and Fig. 5 is a partial horizontal section through a window-sash, frame, shutter, and wall of the building ad-
45 jacent to the frame.

The pulley block or frame is denoted by A, the pulley-sheave a being fixed to an axle a' , journaled in the sides of the frame A and provided with an operating-crank B, fixed to
50 one end. The block or frame A has a pair of ears a^2 , projecting upwardly one from each

side, from which pintles a^3 project laterally for securing the block or frame in its support. The pintles a^3 may be formed integral with or fixed to the ears, as shown in Figs. 1 and 2, or they may be formed by a screw
55 C, extending loosely through openings in the ears, as shown in Figs. 3 and 4.

The supporting-bracket consists of a back plate D, provided with holes d for the recep-
60 tion of suitable fastening devices, the said back plate having forwardly-projecting flanges or ears E at its opposite sides. The flanges or ears E are provided with sockets e for the reception of the pintles on the block
65 or frame. In the form shown in Figs. 1 and 2 the sockets are open at the top to admit the pintles into their seats, while in the form shown in Figs. 3 and 4 the sockets e' are
70 closed and one of them is provided with an internal screw-thread to register with the threaded end of the screw C, which is intended to be inserted through one socket e' through
75 the perforated ears on the pulley block or frame and screw into the opposite socket e' . By constructing the block and its support separable it is feasible to make the support-
80 ing-bracket so thin or shallow as to be out of the path of the swinging blind or shutter, and at the same time the pulley may be made large enough to operate well.

What I claim is—

1. The combination, with the pulley block or frame, of its supporting-bracket, the said pulley-block and supporting-bracket being
85 provided the one with pintles and the other with sockets, in which the pintles may be removably seated, substantially as set forth.

2. The combination, with the pulley block or frame provided with ears projecting from
90 its sides, of a bracket or support provided with flanges or ears projecting outwardly from its back, the said flanges or ears being provided with sockets, and pintles extending
95 laterally from the ears on the block and removably secured in the sockets in the supporting-bracket, substantially as set forth.

OSCAR LUND.

Witnesses:

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