

J. J. Kents,
Cutting Leather.

N^o 7,1020.

Patented Nov. 19, 1867.

Fig. 1.

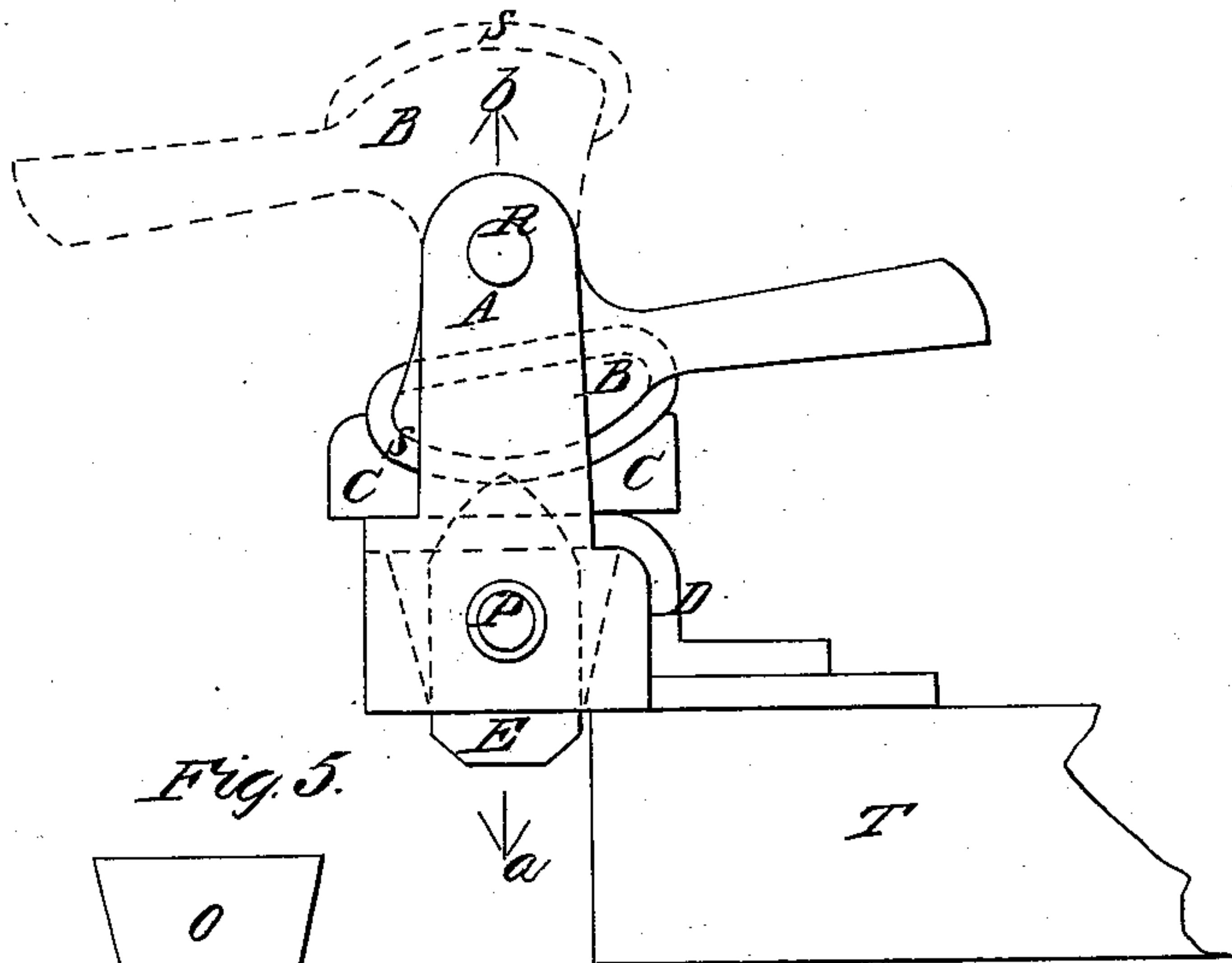


Fig. 5.

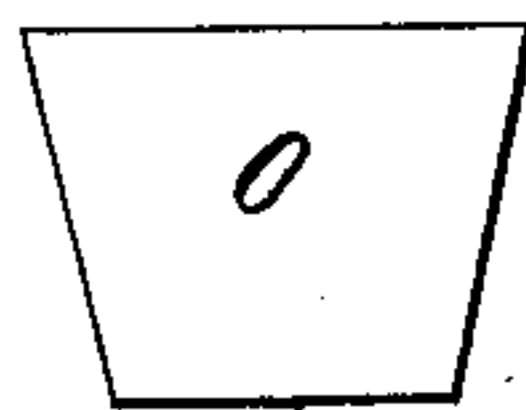


Fig. 2.

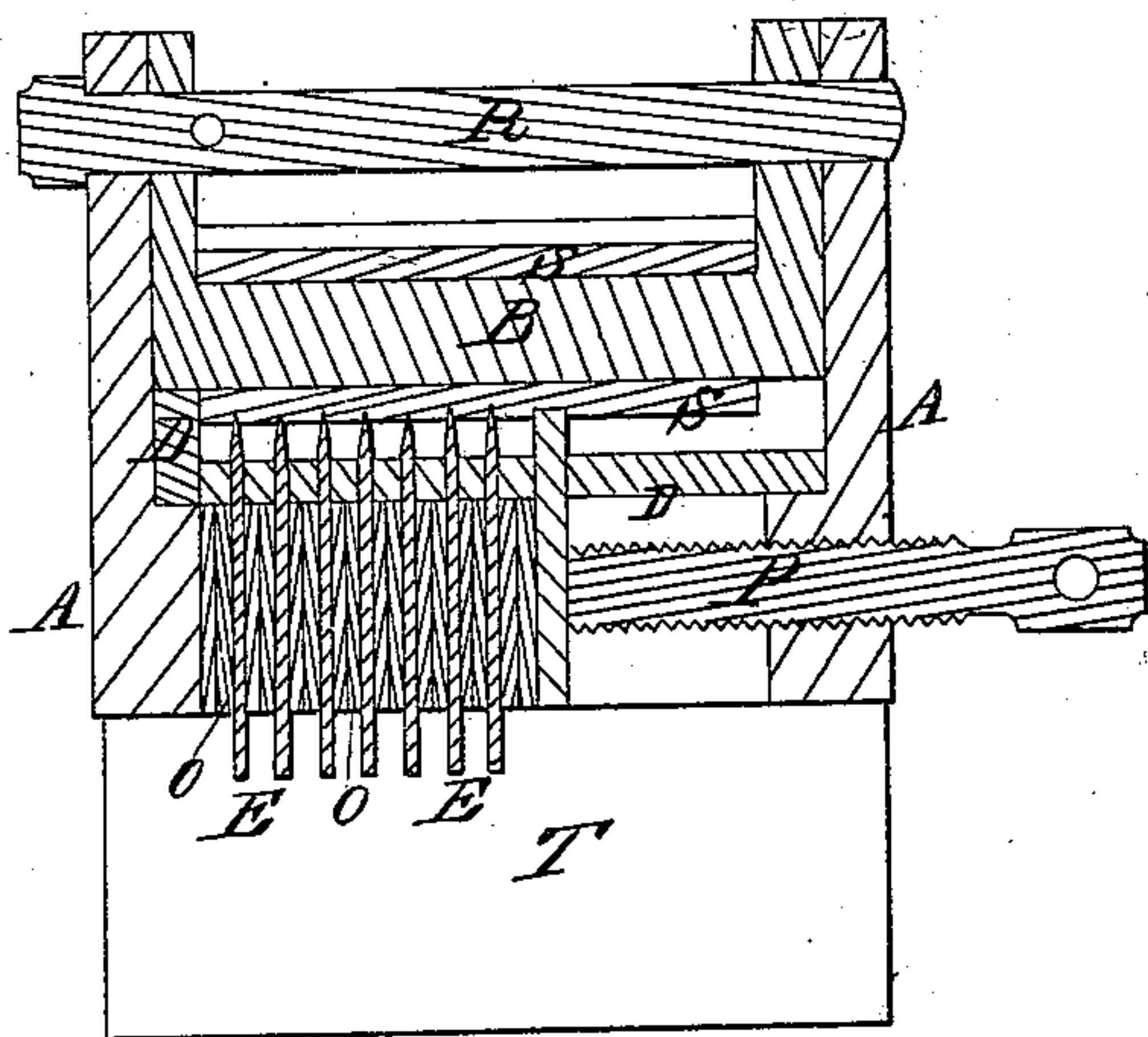


Fig. 3.

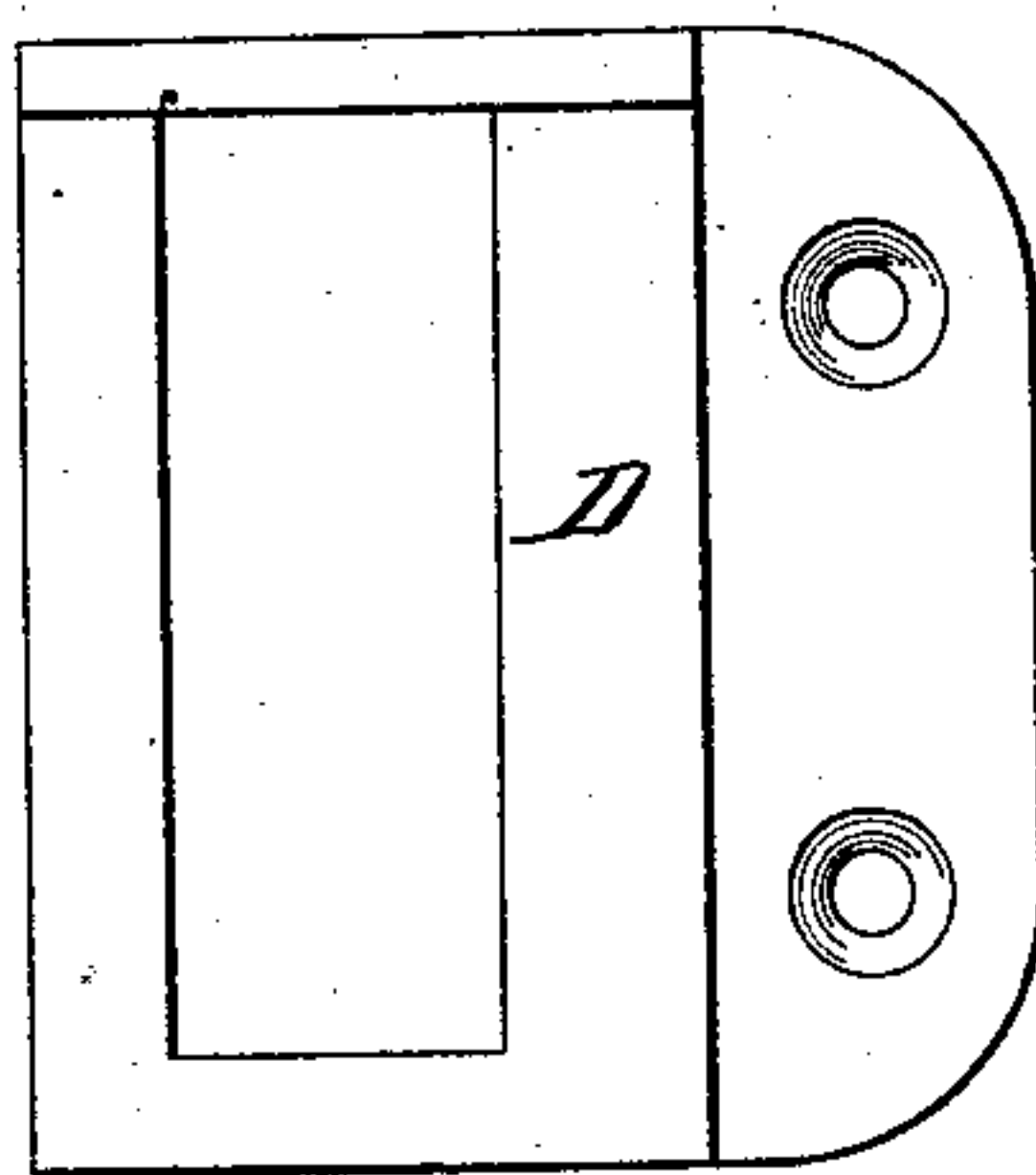
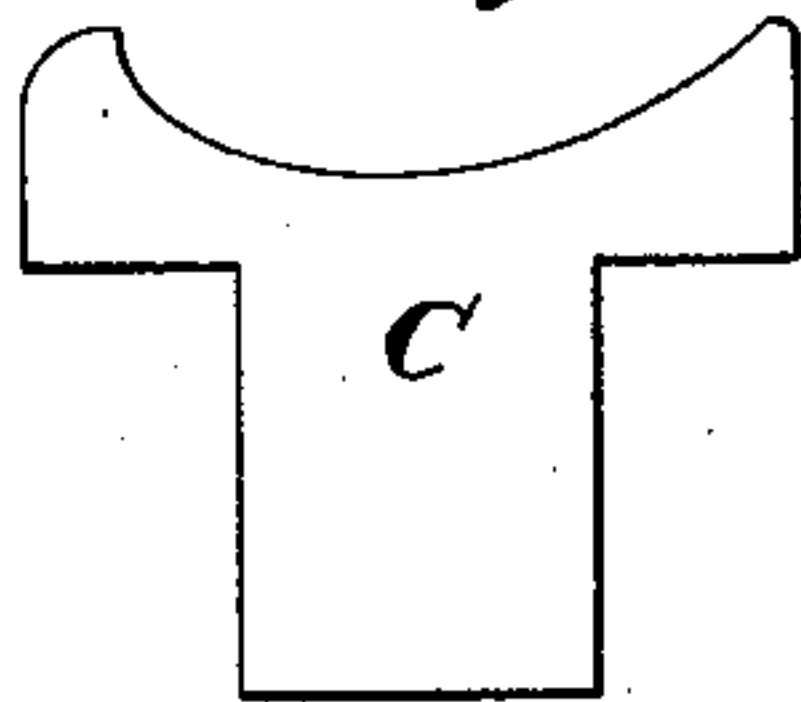


Fig. 4.



Witnesses:

B. J. Smith
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Inventor:

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United States Patent Office.

JOHN J. KENTS, OF NEWTOWN, PENNSYLVANIA.

Letters Patent No. 71,020, dated November 19, 1867.

IMPROVED SLITTING MACHINE.

The Schedule referred to in these Letters Patent and making part of the same.

TO WHOM IT MAY CONCERN:

Be it known that I, JOHN J. KENTS, of the town of Newtown, in the county of Bucks, and State of Pennsylvania, have invented a new and improved "Leather-Slitting Machine;" and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention is designed more especially for slitting leather for "fly-nets," and consists, briefly, in a series of knives or cutters, separated as desired by means of distance-pieces, placed between guides, the whole firmly held together by means of a screw pressing against the movable guide. A segmental press-frame, covered with leather, is placed over the cutters, hinged in such manner as to allow its being turned up in the position shown by the dotted red lines in fig. 1, for the purpose of placing the leather to be slit upon the cutters. A bearing-plate, with a raised lip at one end for a guide, is placed over the distance-pieces in such manner as to retain them in place when loosened for the purpose of adjustment, said plate having a slot through which the movable guide and cutters project. The tops of the guides are curved to fit closely to the press-frame, with a short raised curve at one end, forming a stop for the press-frame when the leather is being drawn through.

The operation is as follows: The press-frame is thrown up by means of the handle attached thereto, when the leather, which has been previously brought to a uniform width, is placed upon the cutters, (enough projecting through to take hold of,) when the press-frame is turned down, and the leather drawn through, completing the work in a smooth and rapid manner.

Figure 1 is an end view of the machine.

Figure 2 is a longitudinal sectional view through *a b*.

Figure 3 is a top view of bearing-plate and stationary guide.

Figure 4 represents the movable guide, and

Figure 5 a distance-piece.

The several letters in all the figures referring to the same parts.

A is the principal frame-casting. B is the hinged segmental press-frame. C is the movable guide. D is the bearing-plate and stationary guide. E is the knife or cutter, the form of which is shown by dotted lines. O is a distance-piece. P is the screw securing the movable guide, cutters, and distance-pieces. R is the pin or shaft upon which the press-frame turns. S is the leather pad or covering of the press-frame. T is the bench, to which the machine is fastened.

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

The combination of a series of knives or cutters with a segmental hinged press-frame, covered with leather, a bearing-plate, stationary and movable guides, distance-pieces and screw, when combined and arranged in the manner and for the purpose described and set forth.

JOHN J. KENTS.

Witnesses:

J. B. ROBERTS,

E. H. SMITH.