(No Model.)

J. E. WELMER.

PINKING DEVICE.

No. 483,884. Patented Oct. 4, 1892.

Fig. 1.

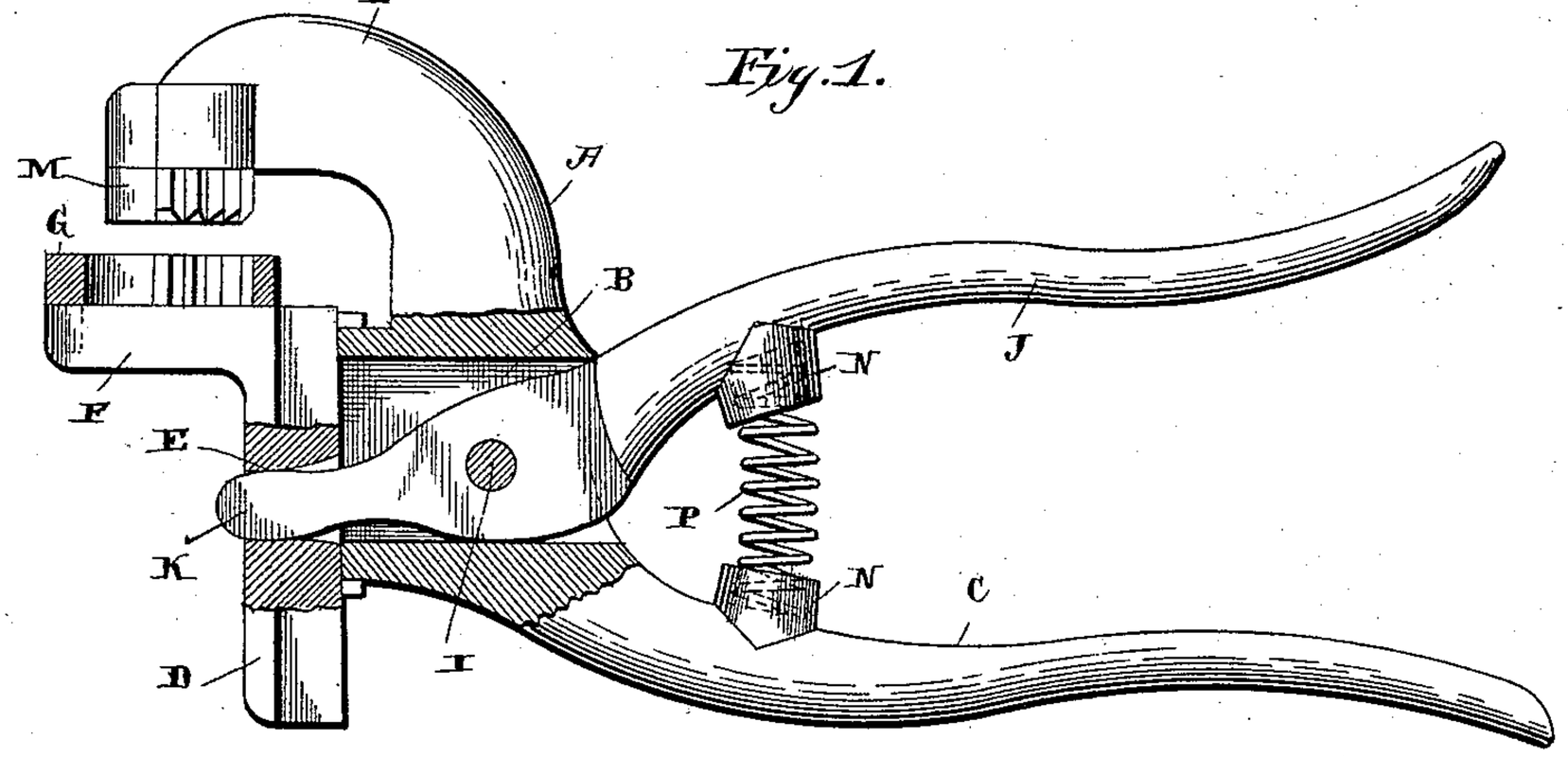


Fig. 2.

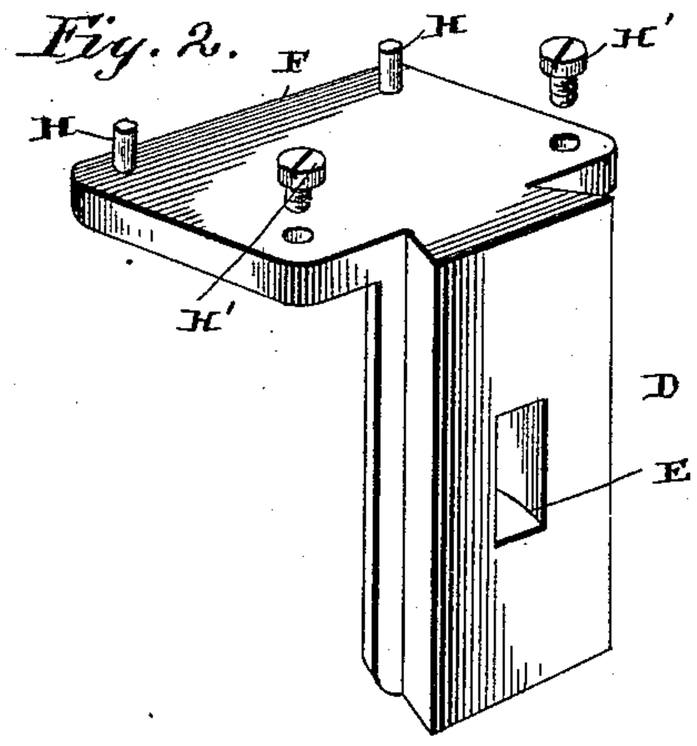


Fig. 3.

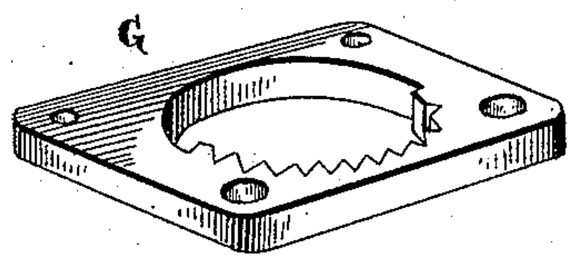


Fig. 5.

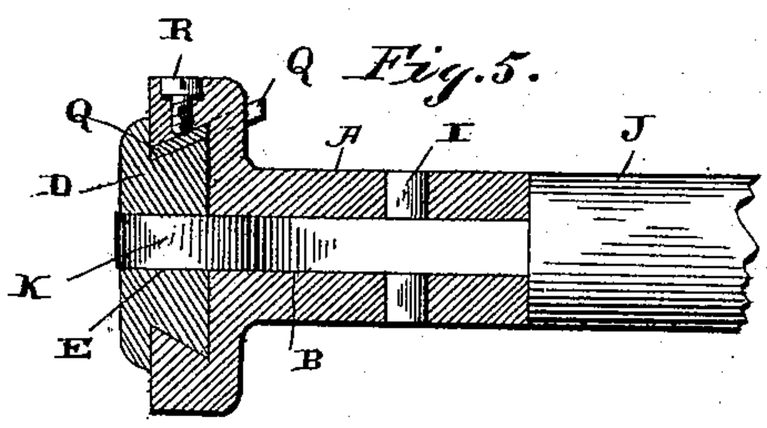
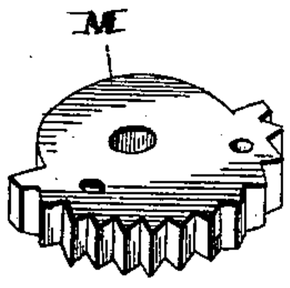


Fig. 4.



Witnesses
Geo. E. Frich.
Robt A. Fitzgerald.

Inventor
J. E. Welmer
By Lehmann Pattison & Neuhoff
Attorneys

UNITED STATES PATENT OFFICE.

JOHN E. WELMER, OF HIAWATHA, KANSAS.

PINKING DEVICE.

SPECIFICATION forming part of Letters Patent No. 483,884, dated October 4, 1892.

Application filed February 23, 1892. Serial No. 422,582. (No model.)

To all whom it may concern:

Be it known that I, JOHN E. WELMER, of Hiawatha, in the county of Brown, State of Kansas, have invented certain new and useful Improvements in Pinking Devices; and I do hereby declare that the following is a full, clear, and exact description of the same.

My invention relates to an improvement in pinking devices; and it consists in the novel combination and arrangement of parts which will be fully described hereinafter, and more specifically referred to in the claims.

The object of my invention is to provide a most simple yet effective device for pinking or ornamenting the edges of cloth or other similar material.

Referring to the accompanying drawings, Figure 1 is a side elevation of my improved device shown partly in section. Fig. 2 is a detached perspective view of the vertically-moving female-die support. Fig. 3 is a similar view of the female die. Fig. 4 is a similar view of the male die. Fig. 5 is a longitudinal sectional view.

The head or main frame of the device A is slotted longitudinally, as shown at B, and projecting rearward from the lower edge of the head is the bar C, which constitutes the lower handle of the device. Upon the front end of the head A is formed a dovetail slideway or recess, and adapted to move vertically therein is the dovetail slide D, through which is formed the slot E, which is in line with the slot B of the head A. Made integral with the upper end of this slide is the outwardly-extending horizontal table F, to the upper face of which is secured the female die-section G. This die-section is held in position by the pins H, projecting therethrough from the outer edge of the table and by the screws H′ at its inner edge. Pivoted on the cross-pin I, within the recess B, is the lever or handle J, and extending forward from the pivotal point thereof is the rib K, which projects into the slot E of the head D, as shown. Thus it will be seen that the slide D, carrying the female die, may be moved vertically by the lever without being affected by the slight circular movement of the lever J, moving upon its pivot.

Projecting upward and forward from the upper end of the head A is the curved arm L, and secured to the under side of the outer end thereof is the male-die section M, which when the slide D is moved upward registers with the female die cutting on the edge of the material which has been placed between them the desired form of pink.

As the female die-carrying slide has a perfectly-vertical movement in relation to the plane of the male die, it will be understood that a square cut is thereby obtained with no tearing of the cloth edge.

Formed on the adjacent edges of handles C and J are the sockets N, and confined therein at its ends is the coiled spring P, which serves to hold the die-sections normally apart and in position for the insertion of cloth to be operated upon. The spring also aids materially in separating the die-sections after the cutting has been done, as otherwise they might be productive of great annoyance by one binding the other.

For the purpose of keeping the slide D adjusted tightly within its slideway a laterally-moving bearing-strip Q is provided, which is regulated by the inwardly-extending set-screw R. The slide may thus be kept tightly adjusted within its slideway and all wear most effectually taken up.

Having thus described my invention, I claim—

1. The combination of a head, a slide thereon, a means for operating the slide, an outwardly-extending table at the upper end of the slide, a die-section carried by the table, and a registering die-section supported by the head, substantially as shown and described.

2. The combination of a slotted head having a guideway in its forward face, an arm projecting upward and outward from said head, a die-section secured to the under side thereof beyond the vertical line of said guideway, a slide in said guideway, an outwardly-extending table at the upper end of the slide, a die-section carried by the table, which registers with the first-named die-section, and an operating-lever pivoted in the slotted head, substantially as shown and described.

JOHN E. WELMER.

Witnesses:
GRANT W. HARRINGTON,
G. W. MATHEWS.