

(No Model.)

O. C. HAYWARD.
Scissors.

No. 236,026.

Patented Dec. 28, 1880.

Fig. 1.

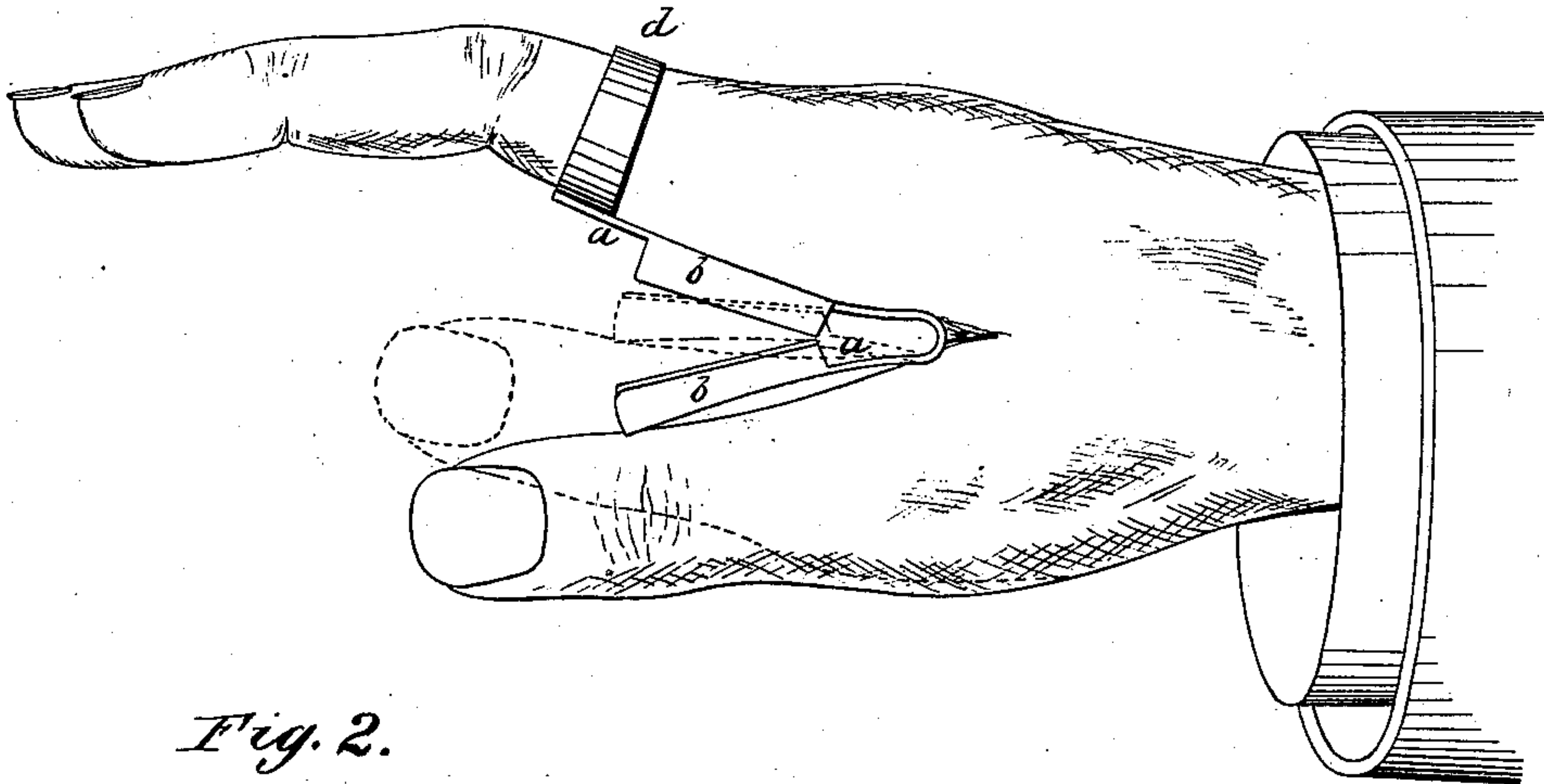
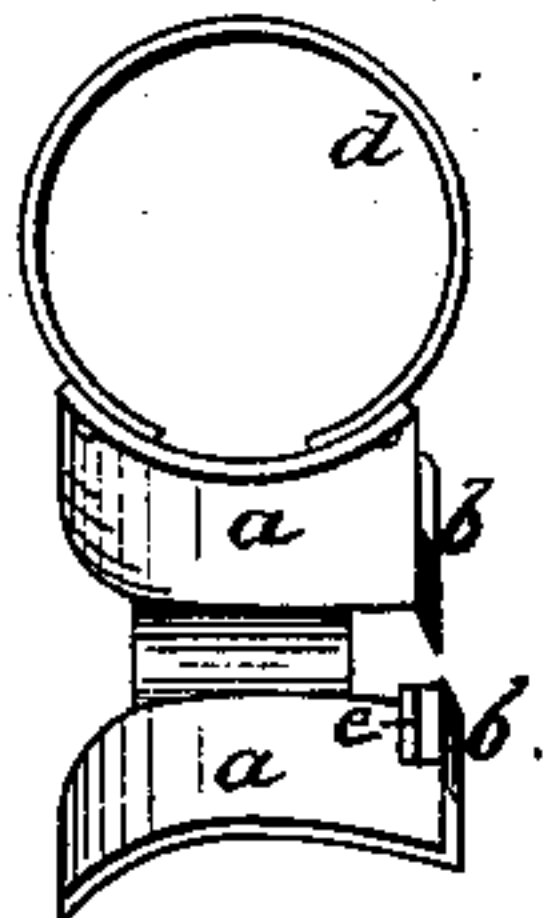


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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SCISSORS.

SPECIFICATION forming part of Letters Patent No. 236,026, dated December 28, 1880.

Application filed November 11, 1880. (No model.)

To all whom it may concern:

Be it known that I, OLIVER C. HAYWARD, of Washington city, District of Columbia, have invented a new and useful Improvement in Scissors; and I do hereby declare that the following is a full, clear, and exact description of the same.

The object of my invention is to provide for sewing-machine operators, and for clerks or salesmen in dry-goods and other stores, a device adapted for attachment to the hand for use in cutting twine, tape, &c., and also thin fabrics. It is intended as a substitute for the shears or scissors ordinarily employed, and which, being either placed on the counter or carried in the pocket, are not always conveniently at hand, and whose adjustment on the thumb and forefinger and removal therefrom require considerable time.

My device consists of two opposed plates or jaws provided with cutting-blades and connected by a spring, one of the jaws having a ring for securing the device to the forefinger of the hand, and the blades being held in working contact, as hereinafter described.

In the accompanying drawings, Figure 1 is a side view of my device, showing it applied to the hand as required for use. Fig. 2 is an end view of the same.

The jaws *a a* are oblong metal plates curved transversely to adapt them to the shape of the portions of the hand with which they lie in contact when in use, and provided with cutting-blades *b b*, that are formed integrally with the jaws by bending inward and beveling the outer side edges of the plates. The jaws are united at one end by a V-shaped spring, which tends to hold them separated at an angle of thirty degrees or thereabout.

The device is attached to the forefinger of the hand by means of a ring, *d*, and is thereby

held in the angle formed between the thumb and forefinger, as shown in Fig. 1.

To prevent lateral movement or displacement of the jaws *a*, I provide one of them with an offset or guide-piece, *e*, Fig. 2, so that when the blades are closed together one of them will enter the space between the other blade and such guide-piece, whereby the edges of the blades are held in working contact.

The device is operated by intermittent compression applied by vibrating the thumb or pressing it inward toward the forefinger, which action overcomes the stress of the spring that tends to hold the jaws *a a* separated, and hence brings the blades *b b* together, so that they will sever twine or fabric placed between them. In any case it is adapted to be worn by clerks or salesmen during business hours without inconvenience or impediment to use of the hand for other purposes, and enables twine, tape, cords, or fabric to be cut with the utmost dispatch.

I am aware that devices adapted for use in husking corn, &c., have been constructed of metal plates connected by a spring or hinge and provided with means for attaching them to the hand of the operator. Such inventions I disclaim.

What I do claim is—

The scissors attachment composed of the spring-separated jaws *a a*, having cutting-blades *b b* formed by turning up the opposite side edges of the same, the guide *e*, and the ring for securing the forefinger, all constructed and arranged as shown and described, to operate as specified.

O. C. HAYWARD.

Witnesses:

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