

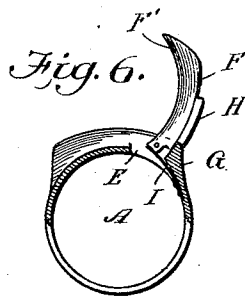
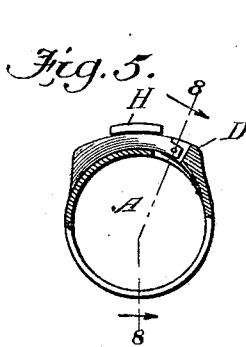
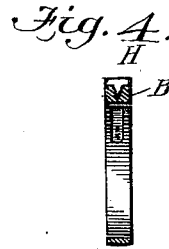
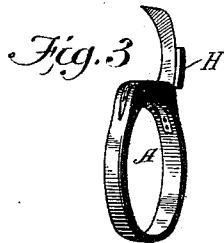
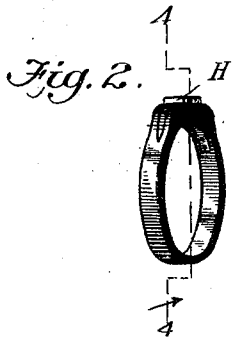
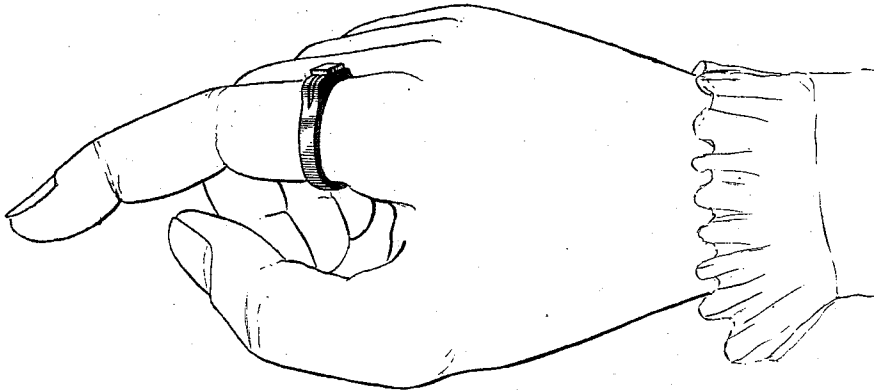
(No Model.)

W. H. SALADEE & J. CATHER.
COMBINATION RING AND KNIFE.

No. 579,655.

Patented Mar. 30, 1897.

Fig. 1.



WITNESSES:

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Chas. E. Brock.



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UNITED STATES PATENT OFFICE.

WILLIAM H. SALADEE AND JAMES CATHER, OF BEDFORD, INDIANA.

COMBINATION RING AND KNIFE.

SPECIFICATION forming part of Letters Patent No. 579,655, dated March 30, 1897.

Application filed October 13, 1896. Serial No. 608,713. (No model.)

To all whom it may concern:

Be it known that we, WILLIAM H. SALADEE and JAMES CATHER, residing at Bedford, in the county of Lawrence and State of Indiana, have invented a new and useful Combination Ring and Knife, of which the following is a specification.

This invention is a new and useful construction of knife combined with a ring, said ring being adapted to be worn upon the finger, as shown, the knife being so constructed and arranged that it can be thrown into an operative position when so desired, the object being to avoid the use of scissors for the purpose of cutting cloth or twine or ripping stitches, seams, &c.

With these various objects in view the invention consists, essentially, of a ring made slightly thicker at the front than at the back, said thickened portion having a groove within which is pivoted a blade, said blade being adapted to lie flush with the ring when closed and provided with a projection or knob upon its back whereby the said blade can be easily opened; and the invention consists also in providing a suitable spring device for holding the said blade open or in proper position.

The invention consists also in constructing the blade and ring so that the blade cannot be thrown too far rearward.

The invention consists also in certain details of construction and novelties of combination, all of which will be fully described hereinafter and pointed out in the claim.

In the drawings forming a part of this specification, Figure 1 is a view showing our combination of ring and knife applied to the forefinger of the hand, the blade being closed. Fig. 2 is a perspective view of the device, the blade being closed. Fig. 3 is a similar view showing the blade open. Fig. 4 is a sectional view taken on the line 4 4 of Fig. 2. Fig. 5 is a longitudinal section, partly in elevation, the blade being closed. Fig. 6 is a similar view, the blade being open. Fig. 7 is an edge view, the blade being removed. Fig. 8 is a sectional view on the line 8 8 of Fig. 5.

In carrying out our invention we employ a ring A, which may be constructed of any desirable material, said ring being made thicker upon the front side, as shown at B, said thick-

ened portion being grooved, as at C, said groove being open at one end and closed at the opposite end by means of a shoulder D, and adjacent to said end D an opening E is produced in the ring which communicates with the groove C.

A blade F is pivoted within the groove C, near the shoulder D, upon the pin G, said blade having the cutting edge F', said blade being so shaped as to rest snugly within the groove, as most clearly shown in Figs. 1, 2, and 4, the back of said blade being flush with the extended portion B of the ring. In order to provide suitable means for opening the said blade, we provide a knob or projection H upon the back of the blade, so that said blade can be readily opened by inserting the finger-nail beneath the said knob or projection, and when the blade is closed this knob or projection will occupy a central position upon the front of the ring similar to a set.

In order to hold the blade open or closed, we employ a spring I, which is rigidly attached to the inner face of the ring below the shoulder D and is adapted to bear against the pivotal end of the blade F, said spring serving to hold the blade in when closed, as shown in Fig. 5, and when the blade is opened the said spring bears against the extreme end and serves to hold it open, as shown in Fig. 6, and it will be noted that the knob or projection H is so arranged with reference to the shoulder D that the end of the knob or projection will engage the top of the said shoulder and thereby limit the backward movement of the blade.

The device as thus constructed is especially adapted for use by dry-goods clerks, merchants, and the like, inasmuch as cloth can be cut with the blade in exactly the same manner as with scissors, and when tying bundles the blade will be found particularly useful for cutting the twine after the knot has been tied. Furthermore, the blade can be used in the place of a pair of scissors for the general work of a tailor or seamstress.

It will thus be seen that we provide an exceedingly cheap and simple appliance which can be worn upon the finger and consequently will always be on hand when needed for use.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

As a new article of manufacture, a ring
5 having a groove in the front face thereof,
said groove being open at one end and closed
at the other by a shoulder, the ring having
an opening therein, adjacent to the shoulder
and communicating with the groove, a cut-
10 ting-blade pivoted within the groove adjacent
to the shoulder, said cutting-blade having a

knob or projection upon the back thereof,
and a spring secured to the ring and adapted
to pass through the opening and bear upon
the end of the cutting-blade, substantially as
as shown and described.

WILLIAM H. SALADEE.
JAMES CATHIER.

Witnesses:

ALVARIAN DARNALL,
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