

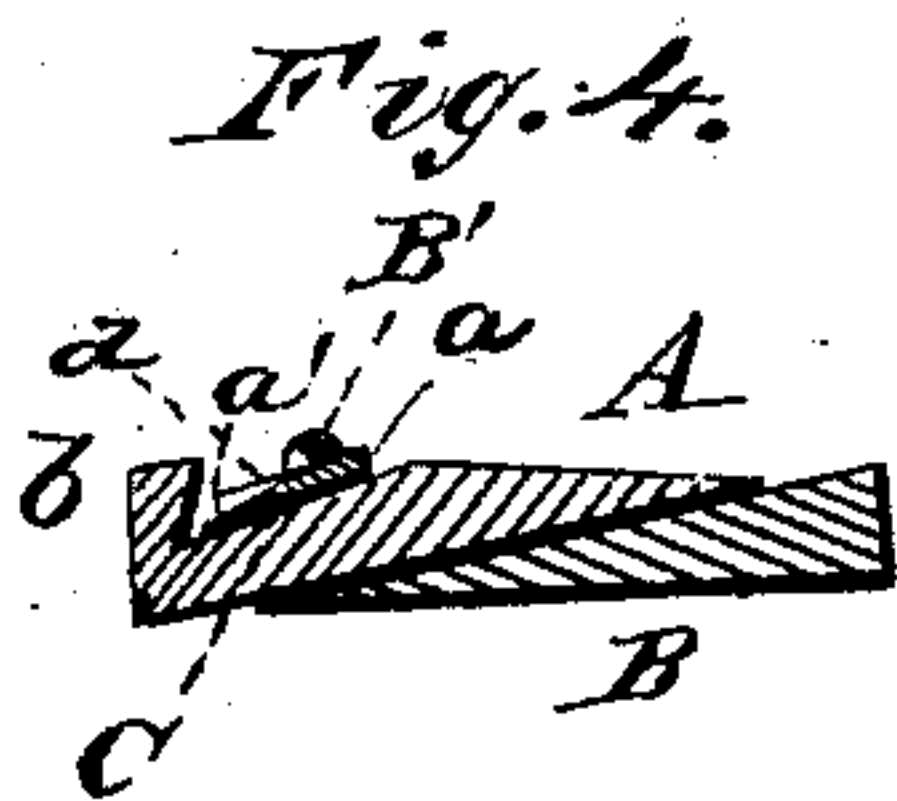
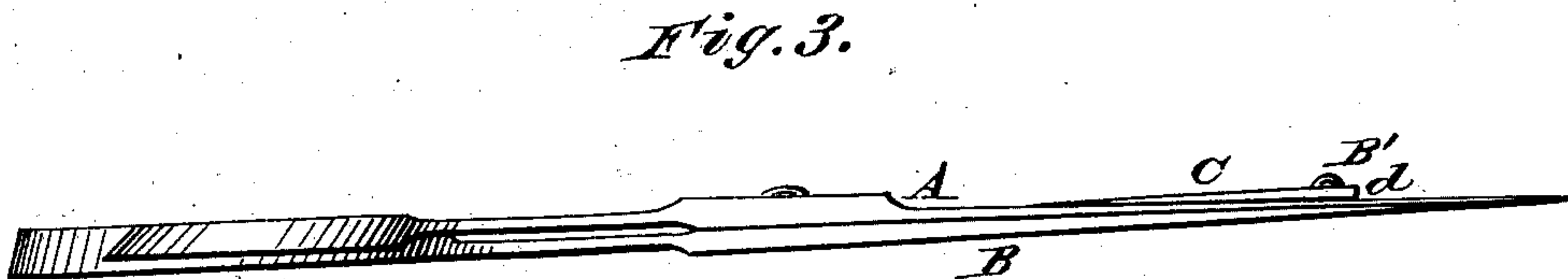
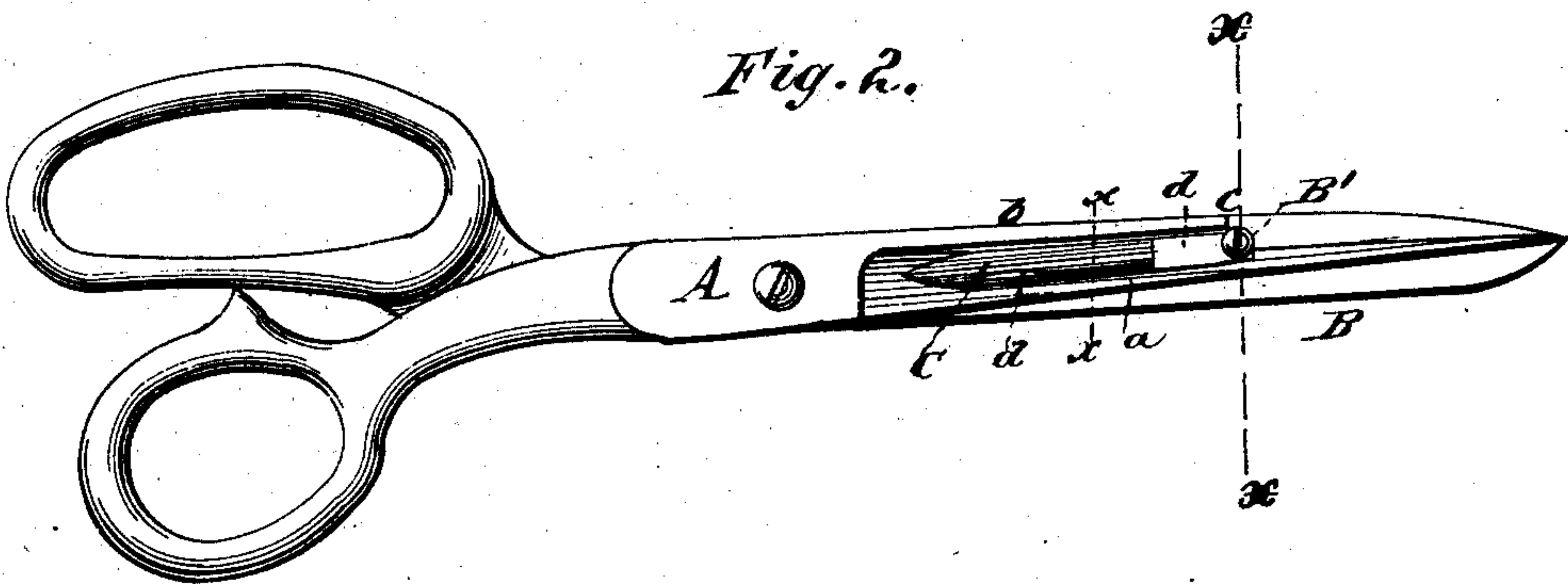
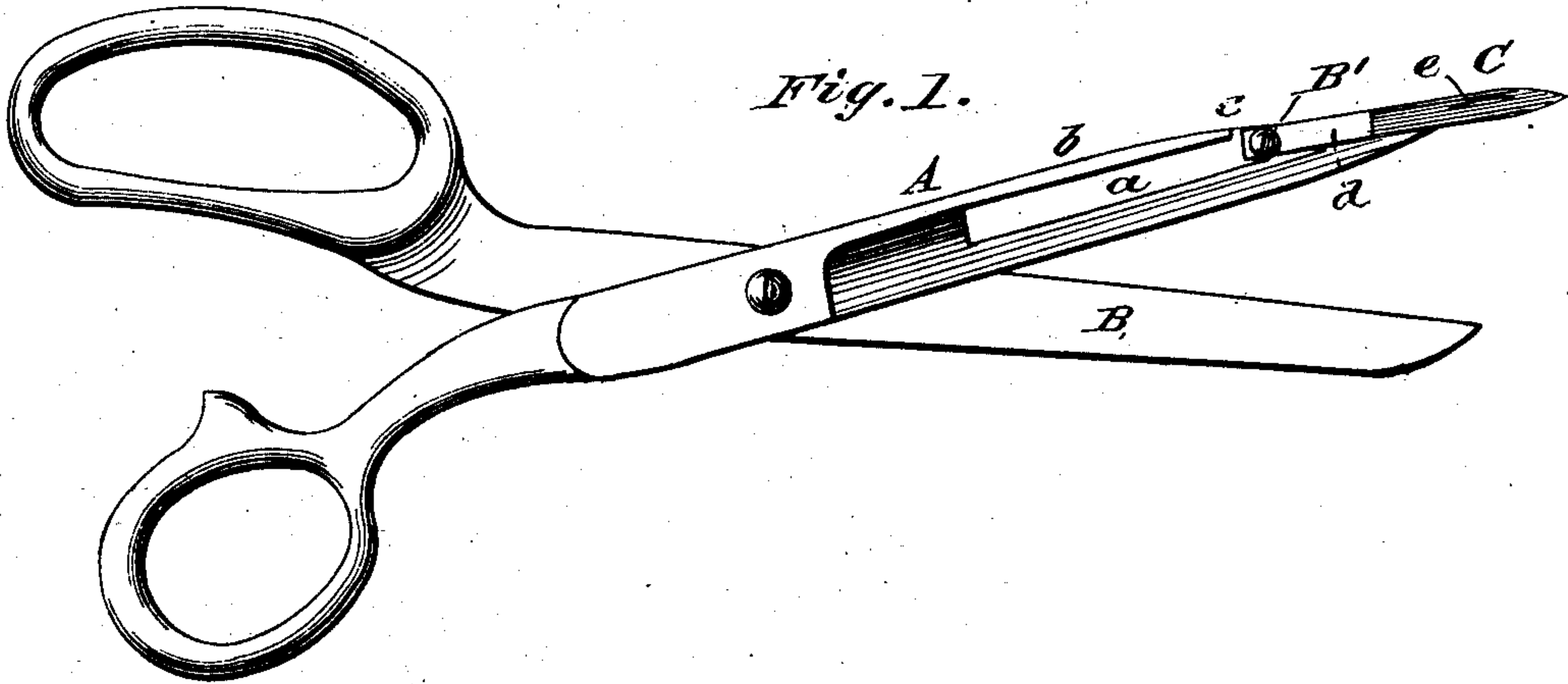
(No Model.)

B. LOWE.

SCISSORS.

No. 245,186.

Patented Aug. 2, 1881.



WITNESSES

*Ad. G. Dietrich.*  
*W. Dietrich.*

By *his* Attorneys,

*Boyd Lowe,*  
INVENTOR,  
*Louis Bagger*



# UNITED STATES PATENT OFFICE.

BOYD LOWE, OF NASHVILLE, TENNESSEE, ASSIGNOR OF THREE-FOURTHS  
TO EVERETT B. BIGLEY, EDWARD B. BIGLEY, AND FRANCIS L. EZELL,  
ALL OF SAME PLACE.

## SCISSORS.

SPECIFICATION forming part of Letters Patent No. 245,186, dated August 2, 1881.

Application filed May 28, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, BOYD LOWE, of Nashville, in the county of Davidson and State of Tennessee, have invented certain new and useful Improvements in Scissors; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a side view of my improved scissors, showing the cutting-blade or ripper extended ready for use. Fig. 2 is a similar view, showing it folded. Fig. 3 is an edge view of the scissors; and Fig. 4 is a cross-section through line *x x*, Fig. 2.

Similar letters of reference indicate corresponding parts in all the figures.

My invention has relation to ladies' scissors or shears which are provided with ripping devices or cutters for ripping open seams, button-holes, and other sewing; and it consists in the detailed construction and combination, with one of the scissors-blades, of a cutting-blade pivoted upon the scissors-blade and adapted to be folded back out of the way, when not in use, into a recess in the side of the scissors-blade, substantially as hereinafter more fully set forth, and particularly pointed out in the claim.

In the annexed drawings, A and B represent the scissors-blades, which may be of any desired size or shape. Either one of the blades is ground or cast (when made of cast-steel) so as to form a recess, *a*, reaching from the point of the blade till within a short distance of the pivot-pin or rivet, so as to form a projecting ledge or shoulder, *b*, flush with the outer or thick edge of the blade. Near the point this edge is cut off so as to form a stop, *c*, in front of which is a headed screw, *B'*, upon which the cutter C is pivoted. This cutter is in the shape of an ordinary penknife-blade, cut off square at its inner end or base *d*, and having a thumb-nail recess, *e*. The base part *d* is enlarged for the insertion of the pivot-screw *B'*, and has its upper corner rounded off, so that it may be

folded back upon the blade A without striking against the stop or offset *c*. The cutter C is bent a little to one side, so that when folded, as shown in Fig. 2, its point will exercise a spring-pressure against the recessed blade A, the friction of which prevents the cutter from becoming accidentally extended. It will also be seen, by reference to Fig. 4 of the drawings, that the recess *a* has a sloping or inclined side, *a'*, which operates, in conjunction with the spring of the blade, to retain this firmly in its locked or folded position when not wanted for use, so that there is never any danger of the accidental opening out of the cutter. When, however, the cutter is extended for use, as shown in Fig. 1, the base *d* will impinge upon stop *c*, which prevents the cutter from turning too far back, and serves to keep it in a line with the blade to which it is affixed.

I am aware that scissors have been made in which one of the blades is provided with a sliding extensible ripping-knife; but in order to prevent the sliding blade from sliding out of its slot or recess in the scissors-blade when not in use it is necessary to employ a set-screw to fasten and unfasten the knife-blade upon the scissors-blade. To operate this set-screw requires some little time, and the set-screw is also liable to become detached and get lost; whereas by pivoting the knife-blade in the manner hereinbefore described it can be opened and closed in an instant as occasion requires.

I claim as my invention and desire to secure by Letters Patent of the United States—

The combination, with a pair of scissors, the blade A of which is recessed at *a* to form an inclined side, *a'*, ledge *b*, and stop *c*, and provided with the pivot-screw *B'*, of the knife-blade or cutter C, bent so as to impinge upon the inclined side *a'* of the recess *a* when folded, substantially as and for the purpose herein shown and described.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

BOYD LOWE.

Witnesses:

FRANCIS L. EZELL,  
EDWARD B. BIGLEY.