

(No Model.)

S. A. NOLEN.
SCISSORS OR SHEARS.

No. 590,330.

Patented Sept. 21, 1897.

Fig. 1.

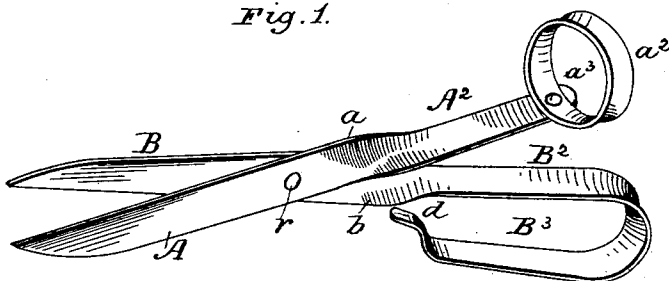


Fig. 2.

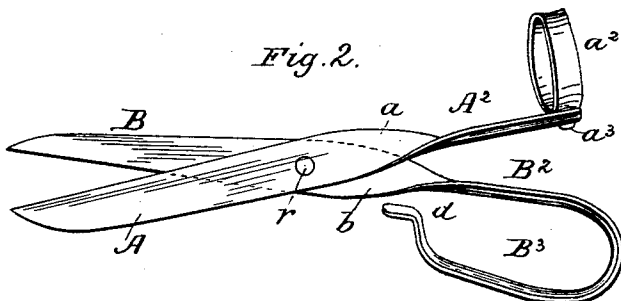


Fig. 3.

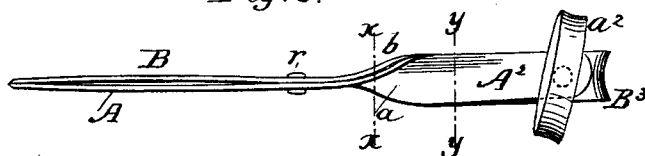


Fig. 4.

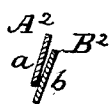


Fig. 5.

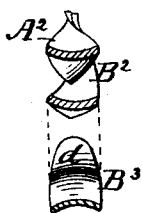
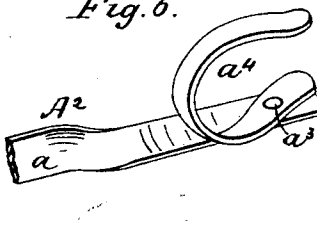


Fig. 6.



WITNESSES

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STEPHEN A. NOLEN, OF McCrory, ARKANSAS.

SCISSORS OR SHEARS.

SPECIFICATION forming part of Letters Patent No. 590,330, dated September 21, 1897.

Application filed June 8, 1897. Serial No. 639,837. (No model.)

To all whom it may concern:

Be it known that I, STEPHEN A. NOLEN, a citizen of the United States, residing at McCrory, in the county of Woodruff and State of Arkansas, have invented certain new and useful Improvements in Scissors or Shears, of which the following is a specification, reference being had therein to the accompanying drawings.

10 The objects of my invention are to provide simple and inexpensive scissors and shears in which each blade and its handle, consisting of a strip of sheet metal of substantially the same thickness its whole length, have a
15 quarter-twist in the rear of the rivet uniting the blades, the bevel of which quarter-twist of one of the handles is slightly more than the quarter-twist of the other, so that when the blades are nearly closed together the handles will be slightly forced laterally, and consequently the points of the blades will be forced laterally, toward each other. Another
20 object is to provide the thumb-handle with an open loop or hooked thumb-holder having one of its branches pivotally secured to said handle.

Another object is to provide one of the handles with a loop open in its inner end to constitute a hook by which the scissors can be
30 suspended directly upon the edge of a person's pocket or upon the edge of a lady's belt. I attain these objects by the construction illustrated in the accompanying drawings, in which—

35 Figure 1 is a perspective view of scissors constructed in accordance with my invention. Fig. 2 is a side view of the same. Fig. 3 is a top view of the same. Fig. 4 is a transverse section of the handles on line xx of
40 Fig. 3 adjacent to the quarter-twist of the strips of metal. Fig. 5 is a transverse section of the handles on line yy of Fig. 3. Fig. 6 is a perspective view of a portion of the thumb-handle with a modified form of thumb-
45 holder pivoted to said handle.

In said drawings, A represents a blade on the front end of the thumb-handle A^2 , said parts
50 A A^2 being formed of a strip of sheet metal, preferably steel, to which a quarter-twist to the right (but it may be to the left) is given at a , a short distance in the rear of the point where a rivet r or a screw is made to pass

through the blade to connect it to its mate. The handle A^2 is made trough shape or concavo-convex along its length to add to its stiffness or rigidity against bending when under vertical strain. Upon the handle A^2 , adjacent to its rear end, is mounted a thumb-holder or ring a^2 , preferably of sheet metal, pivoted thereto by means of a double-headed
60 pin or rivet a^3 , headed loosely enough to permit said ring to be rotated on the surface of the handle in any direction desired and be retained generally at right angle or across the handle when the blades are pushed away
65 from the operator. Said ring a^2 is preferably made slightly flaring toward the rear of the handle to conform to the shape of a person's thumb and is as well adapted to fit the thumb of the left hand as of the right hand. 70

B represents the second blade on the front end of the handle B^2 , having the loop B^3 , which is generally of such size as to receive the index and middle fingers of a person's hand. Said parts B and B^2 and the loop B^3
75 are formed also of a strip of sheet metal, preferably steel, on which a quarter-twist to the right is given at b substantially similar to and alongside of the quarter-twist a on the handle A^2 . The twist on the handle B^2 is
80 slightly greater than that given to the handle A^2 , as shown in Fig. 4, so that when the handles are pressed together and the ends of the blades are brought to a nearly-closed position, the lower edge of the handle A^2 riding
85 against the inclined twist of the handle B^2 , the handles are slightly forced apart, and consequently the front ends of the blades are brought in contact sidewise with additional force. For the same purpose the blades are
90 given in addition a slight curvature, as shown in Fig. 3 and as ordinarily done by scissors manufacturers and sharpeners.

The portion of the metal strip constituting the handle B^2 and loop B^3 is made trough
95 shape or concavo-convex along its length, as shown in Fig. 5, mainly to add to its stiffness, but it also constitutes a most suitable grasping-surface.

To provide (without any additional expense) the scissors with a hook by which they
100 can be suspended directly upon the edge of a person's pockets, the front end of the loop B^3 is bent toward the handle B^2 , but not in con-

tact therewith, to maintain an opening d between said parts and constituting an open throat leading into the hook or loop B^3 .

Although the thumb-handle A^2 is preferably provided with the ring a^2 as a thumb-retainer, the thumb-retainer may be in the form of a loop, as shown at a^4 in Fig. 6, that is pivotally retained by means of the double-headed pin a^3 . As the loop a^4 has one end open it can be used also as a hook to suspend the scissors from the garments of a person.

Having now fully described my invention, I claim—

1. In scissors, the combination of two blades, each blade provided with a handle, a headed pin uniting said blades and a thumb-retainer a^4 in the form of a hook having one of its branches pivotally connected to the rear end of one of the handles, substantially as described.

2. In scissors, the combination of two blades connected by a pivot-pin, each blade provided with a handle and one of said handles provided with a hook substantially as described.

3. Scissors consisting of two strips of sheet metal of substantially uniform thickness throughout their lengths and pivotally connected, each strip having a quarter-twist formed therein in the rear of the pivot, the twisted portion on one strip being slightly inclined to the twisted portion on the second strip substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

STEPHEN A. NOLEN.

Witnesses:

W. E. JELKS,

A. D. STAFFORD.