

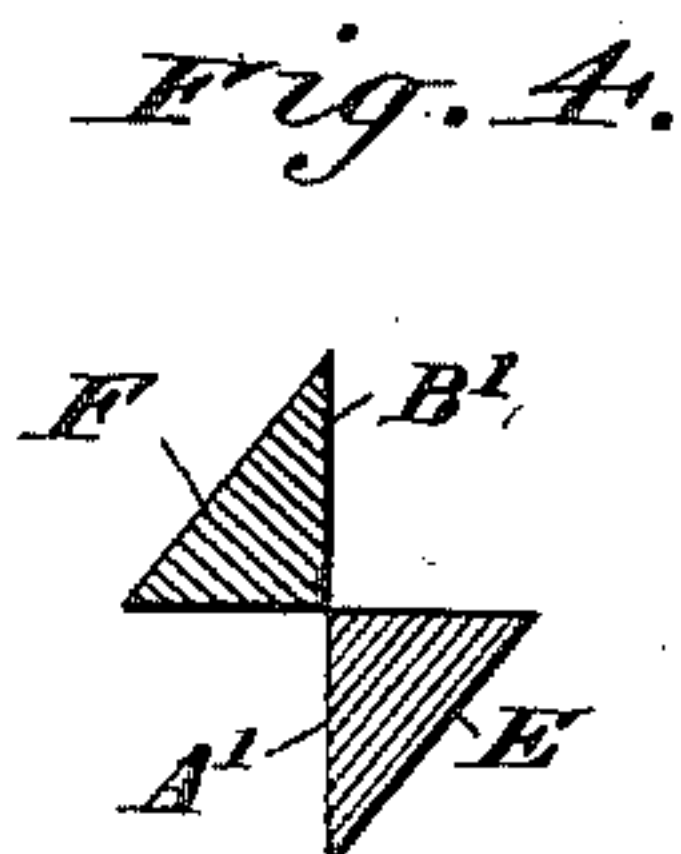
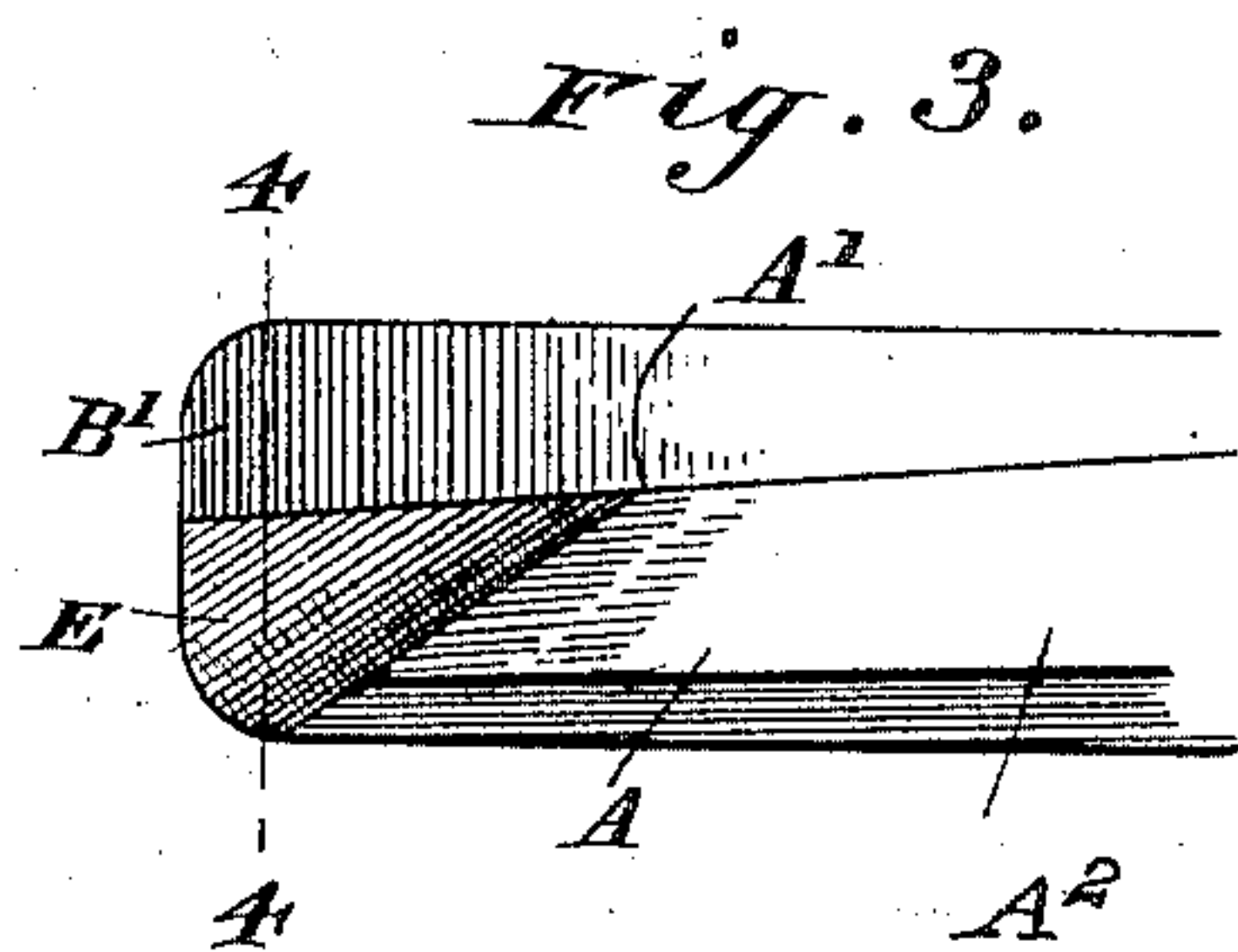
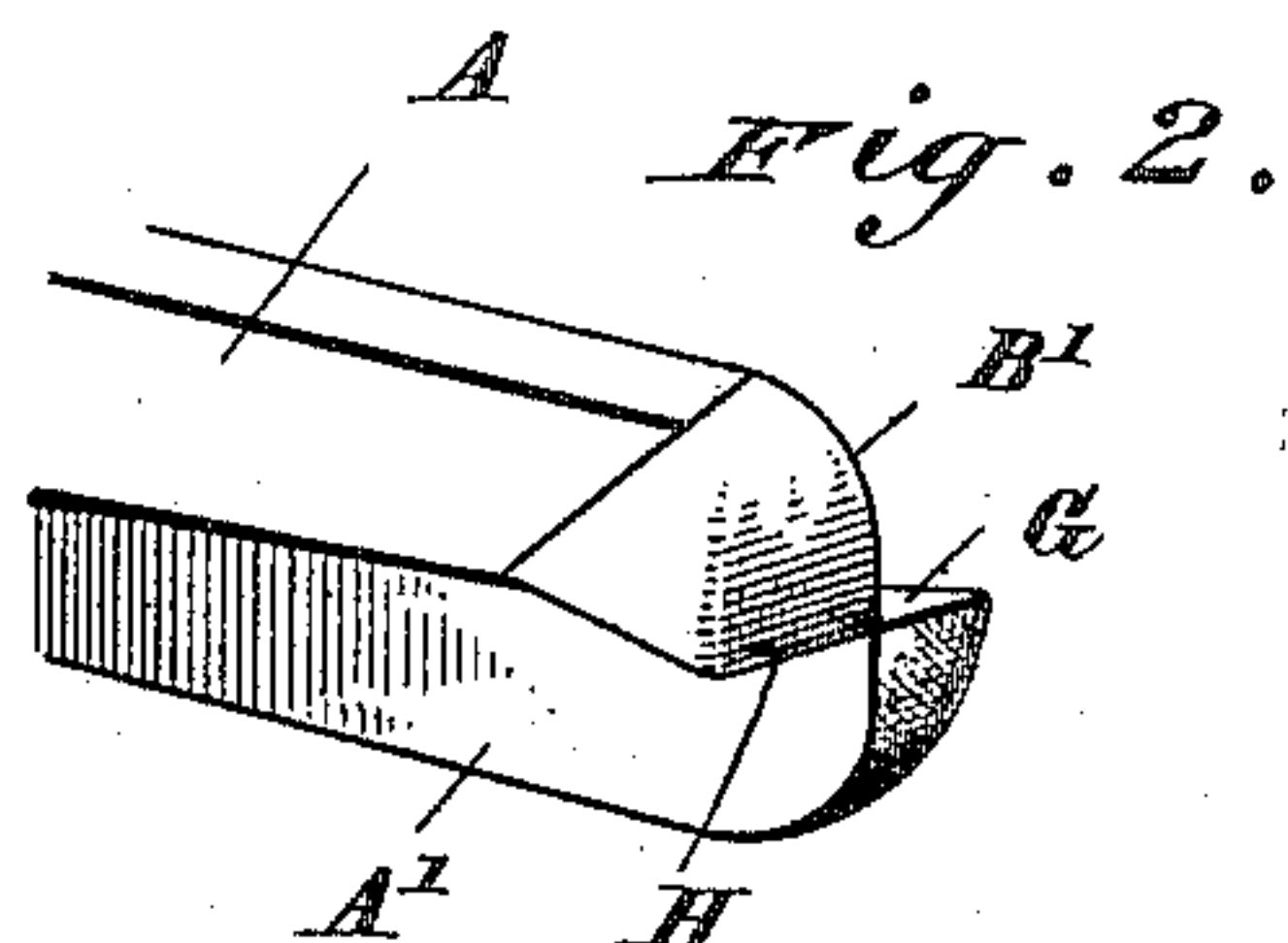
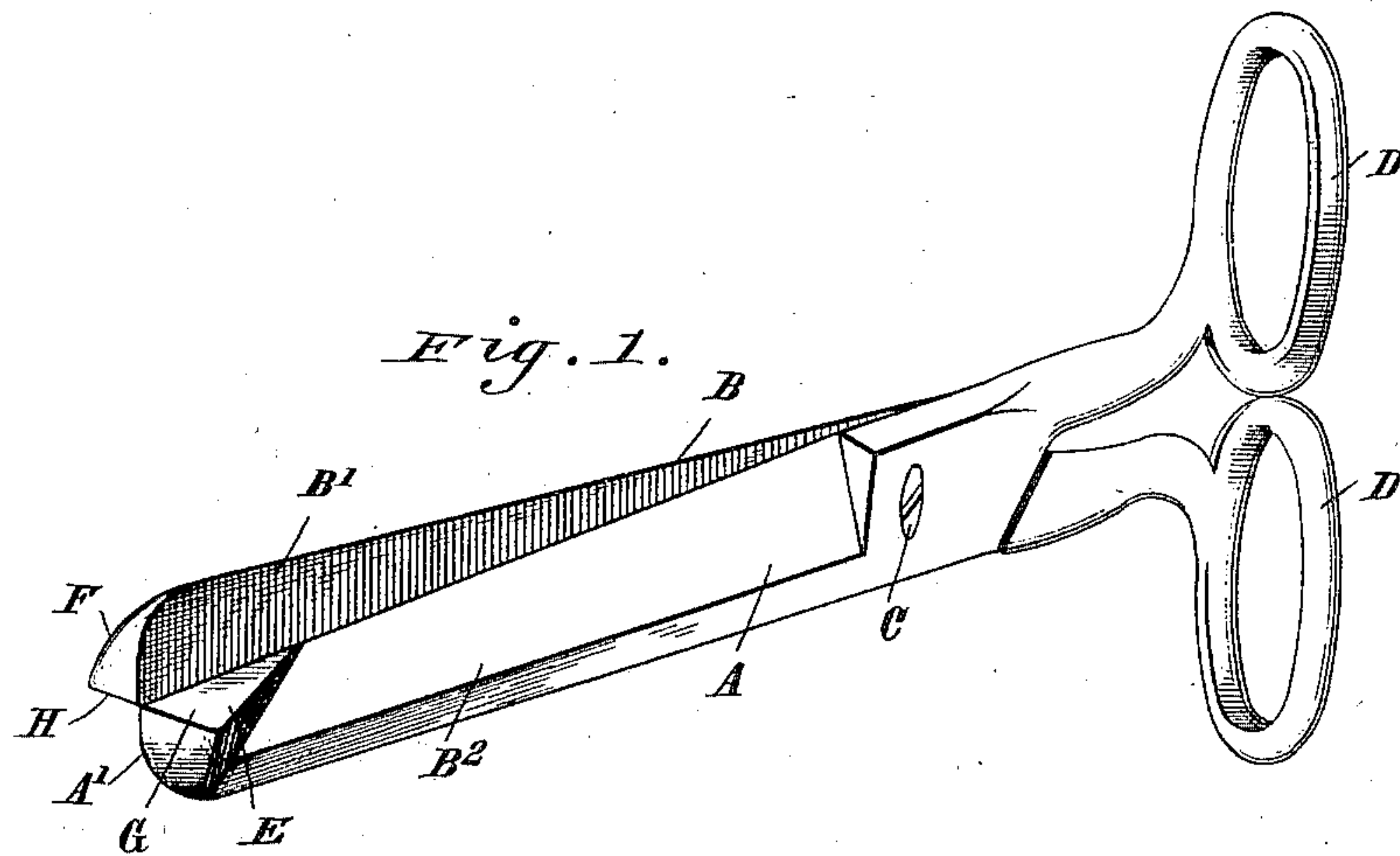
No. 622,740.

Patented Apr. 11, 1899.

H. WALKINSHAW.
SCISSORS.

(Application filed Mar. 5, 1898.)

(No Model.)



Witnesses
F. W. Riley
Chas. E. Brock

Inventor
Hugh Walkinshaw,
by
Omar H. Rogers
Attorney

UNITED STATES PATENT OFFICE.

HUGH WALKINSHAW, OF LEBANON, MISSOURI.

SCISSORS.

SPECIFICATION forming part of Letters Patent No. 622,740, dated April 11, 1899.

Application filed March 5, 1898. Serial No. 672,691. (No model.)

To all whom it may concern:

Be it known that I, HUGH WALKINSHAW, a citizen of the United States, residing at Lebanon, in the county of Laclede and State of Missouri, have invented a new and useful Improvement in Scissors, of which the following is a specification.

My invention relates to scissors or shears, and has for its object to provide such articles with improved means whereby the ends are blunted without materially increasing the weight of the instrument.

A further object of my invention is to provide improved means in connection with shears or scissors whereby the goods being cut therewith are supported and prevented from falling or lodging upon the points without in any wise interfering with their cutting qualities or perceptibly increasing their weight.

With these objects in view my invention consists in scissors or shears having their points blunted by the addition, either during the process of manufacture or after completion, of projections rounded on their outer ends and located upon the outside of the blades at their points, such projections having their inner edges coinciding with the cutting edges of the blades and their opposing surfaces when the blades are closed in a direct line with each other and at about right angles with the inner faces of the blades, said projections also serving as rests for the material being cut, all substantially as hereinafter fully described and afterward specifically pointed out in the appended claims.

In order to enable others skilled in the art to which my invention most nearly appertains to make and use the same, I will now proceed to describe its construction and operation, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a perspective view illustrating a pair of scissors constructed in accordance with my invention. Fig. 2 is a detail perspective view of the points of the blades of the scissors, taken from the opposite side from that illustrated in Fig. 1. Fig. 3 is a view in side elevation of the points of the scissors. Fig. 4 is a detail sectional view on the line 4 4 of Fig. 3.

Like letters of reference mark the same parts wherever they occur in the different figures of the drawings.

Referring to the drawings by letters, A and B indicate the blades of a pair of scissors or shears of any ordinary and well-known construction pivotally connected by a screw C and provided with the usual handles D D. As is usual in such articles, the inner faces A' and B' of the blades move in the same plane and the outer surfaces are beveled away from the edges thereof, as shown at A² and B².

In the embodiment of my invention I provide upon the outer surfaces A² and B² projections E and F at the points of the blades, said projections being triangular in cross-section, as more clearly shown in Fig. 4, with their outer ends rounded off, as clearly shown, and their opposing faces G and H at right angles to the cutting-faces and arranged to lie in the same horizontal plane when the blades are closed together, as at the end or finish of a cut. The inner edges of these projections coincide with the cutting edges of the blades.

The operation of my invention will be readily understood from the foregoing description. The thickening of the ends of the blades by the addition of the projections E and F will dispense with the usual sharp points and adapt the scissors to be carried in the pocket and will render them safe to be used by children or careless or inexperienced persons. These projections also, owing to their faces G and H coming together in the same horizontal plane when the scissors are closed, will serve to support the material being cut and to a large extent prevent its dropping to the floor or becoming engaged with or impaled upon the usual sharp points of the scissors. While I have described these projections as being triangular-shaped in cross-section, it will be obvious that this is not absolutely necessary, inasmuch as a change in the outline of their outer sides would not affect their functions.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

1. A pair of shears or scissors provided with projections on the outer sides of the points

of the blades, the outer ends of which are rounded and the inner surfaces of which extend to and coincide with the cutting edges of the blades, substantially as described.

5 2. A pair of shears or scissors provided with projections upon the outer surfaces of the blades at their points, said projections being provided with sides arranged at right angles to the inner cutting sides of the blades, substantially as described.

10 3. A pair of shears or scissors provided with projections upon the outer surfaces of the blades at their points, said projections having their ends rounded off or blunted, and being
15 provided with sides or faces lying at right angles to the cutting-surfaces of the blades, substantially as described.

4. A pair of shears or scissors comprising the usual blades and provided with projections E and F on the outer surfaces of their cutting-blades at their points, said projections being triangular in cross-section, having their outer ends rounded or blunted, and having their sides G and H arranged at right angles to the inner sides of the blades and coinciding with the cutting edges, such sides G and H being arranged to lie in the same horizontal plane when the blades are closed together, substantially as described. 20 25

HUGH WALKINSHAW.

Witnesses:

D. R. DIFFENDERFFER,
A. R. VAN GRIMS.