

(No Model.)

S. L. COHOON.
SHEEP SHEARS.

No. 553,954.

Patented Feb. 4, 1896.

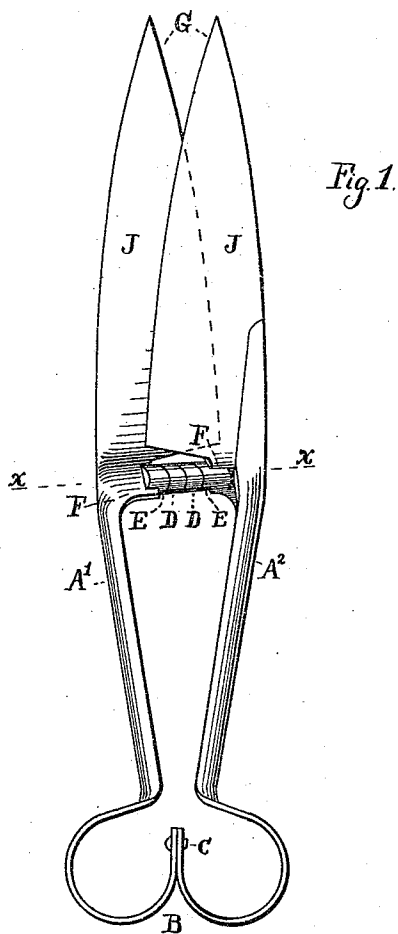


Fig. 1.

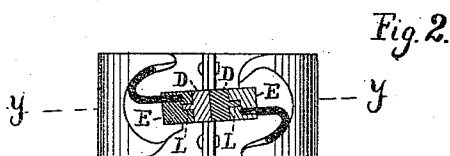


Fig. 2.

WITNESSES:

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SHEEP-SHEARS.

SPECIFICATION forming part of Letters Patent No. 553,954, dated February 4, 1896.

Application filed June 24, 1895. Serial No. 553,887. (No model.)

To all whom it may concern:

Be it known that I, STEWARD L. COHOON, a citizen of the United States, residing in the city and county of San Francisco, State of California, have invented certain new and useful Improvements in Sheep-Shears; and I hereby declare the following specification and the drawings therewith to be a complete description of my improvements.

My invention relates to shears for shearing sheep and to a more convenient and efficient construction of these implements.

My improvements consist of elastic stops or bumpers between the shear-blades, set diagonal to the plane in which the blades move, in the construction of these stops of india-rubber, so arranged that the material can expand laterally, and thus afford a longer range of action; also, in placing these stops close to the heel of the shear-blades, so as to offer no obstruction to the operator's hand in using the shears, and in so arranging the stops that they can be at once removed and replaced when grinding the shears or for any other purpose.

Referring to the drawings, Figure 1 is a side view of a pair of sheep-shears made according to my invention; and Fig. 2 is a transverse section on the line *xx* of Fig. 1, showing more clearly the position and manner of constructing the stops that arrest the closing movement of the blades.

A' and A² are the main members of the shears, joined at B by the rivets C C and otherwise made in the usual manner. D D are the elastic stops or bumpers made of india-rubber, attached to, but not inclosed by, the metal sockets E E. These sockets E E are slotted at their base and fit over rear extensions F F of the shear-blades J J, close up to the rear end of the latter, so as to be entirely clear of the operator's hand and fingers. The axis of these stops or bumpers is set on the line *yy*, as shown in Fig. 2, so that after they come in contact and for the range in

which they act the edges G G of the shears will be drawn together flatwise, and thus relieve the hand of the operator from this strain. This action of the stops D D is an important matter in shearing, because the cutting is done mainly at the point of the shears, and there is required a continual pressure on the shear-blades to keep them in contact there.

The position of the stops D D and their mountings close up to the ends of the shear-blades is also a matter of importance, because such stops, when situated so as to be embraced in the hand of an operator, are an impediment.

The spring or elastic stops D D are held in the sockets E E by the shanks L L, but are not confined laterally in their expanding section, and thus yield throughout a considerable range of the cutting movement at the points of the shear-blades J J.

Having thus explained the nature and objects of my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a sheep-shearing implement, two spring-blades joined and operating in the manner described, and in combination therewith elastic stops set diagonal to the plane of the shears' movement to draw their flat sides together when cutting at the points, in the manner substantially as described.

2. In a sheep-shearing implement, spring shear-blades joined and operating in the manner described, interposed elastic stops set diagonal to the movement of the cutting edges, set close to the heel of the blades, and held in sockets by shanks so as to permit free expansion laterally, in the manner substantially as described.

In testimony whereof I have hereunto affixed my signature in the presence of two witnesses.

STEWARD L. COHOON.

Witnesses:

ALFRED A. ENQUIST,
WILSON D. BENT, Jr.