

D. BROWN & J. FULTON.

SHEEP-SHEARS.

No. 175,269.

Patented March 28, 1876.

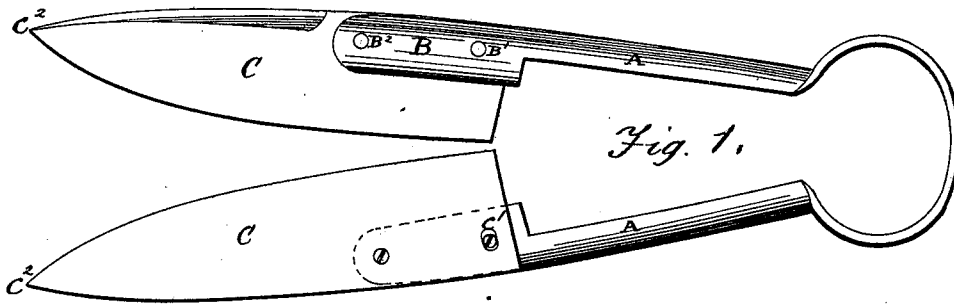


Fig. 1.

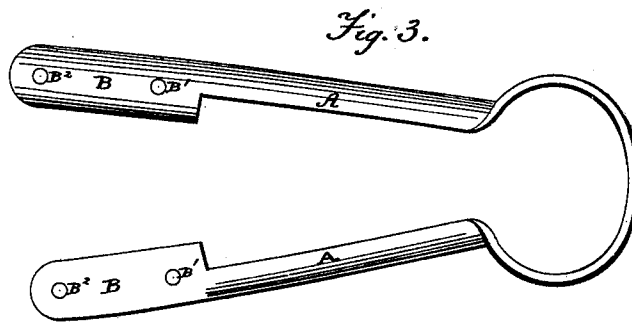


Fig. 3.

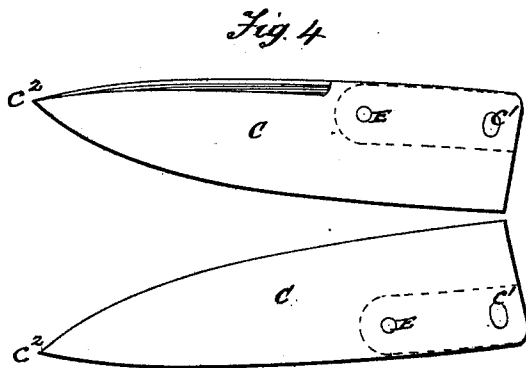


Fig. 4.

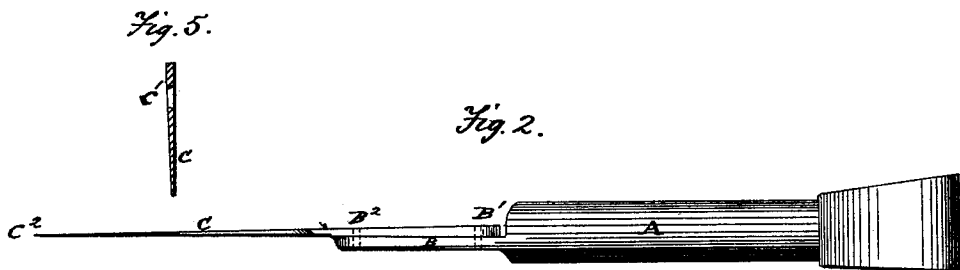


Fig. 2.

Fig. 5.

Witnesses
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UNITED STATES PATENT OFFICE.

DAVID BROWN, OF GLENCOE, NEAR MOUNT GAMBIER, SOUTH AUSTRALIA,
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IMPROVEMENT IN SHEEP-SHEARS.

Specification forming part of Letters Patent No. **175,269**, dated March 28, 1876; application filed
April 7, 1874.

To all whom it may concern:

Be it known that we, DAVID BROWN, of Glencoe, near Mount Gambier, in the Colony of South Australia, sheep-farmer, and JAMES FULTON, of Greville street, Prahran, near Melbourne, in the Colony of Victoria, engineer, have invented certain Improvements in Sheep-Shears, of which the following is a specification:

Our invention relates to improvements in that class of shears employed for shearing sheep in which spring-bow handles are employed and the cutting-blades are formed in separate pieces from the handles; and our invention consists in attaching each of the blades to an arm projecting from the spring-bow handle by means of a pair of screw-bolts, one of such bolts being fixed and forming a center of motion upon which the blade turns, while the other screw is adapted to slide in a slot or recess and allow of the blade being adjusted in such manner that the point of each blade may be brought nearer to the point of the other blade as the blade is worn away by use, and, when so brought nearer and adjusted, may be held firmly in position by tightening the said screw, as hereinafter more fully described; but, that our invention may be fully understood, we will proceed to describe the same in detail by aid of the accompanying drawings, which form part of this specification.

Figure 1 represents a side view, and Fig. 2 a plan, of a pair of sheep-shears constructed according to my invention. Fig. 3 represents a side view of the handle separated. Fig. 4 represents the blades detached, and Fig. 5 a sectional view of one of the blades.

A represents the spring-bow handle of a pair of shears, and B B projecting arms connected thereto. C C are the blades, which are attached to the projecting arms B B by means

of pivots B² in such manner that the points C² of the blades C may be adjusted in position as the same are worn away, and when so adjusted in position, the blades C may be set or held by means of screws B' working in slots C¹ formed in the blades C, and secured in the projecting arms B of the handle A. By this means it will be readily seen that the points C² of the shears may be readily adjusted, so as to allow for the wear of the edges.

The holes in the blades for the reception of the heads of the screws B¹ B² are countersunk so as to present no obstruction to the working of the shears.

In place of forming the slots C¹ in the blades C, the same may be formed in the arms B, in which case the threads of the screws B¹ will be held in the blades C.

Having thus described our invention, we would have it understood that we do not claim, broadly, shears formed with blades separate from the handle, nor shears with blades capable of adjustment toward each other by means of adjustable bolts or rivets, such as described in the specification of patent granted to S. H. Parish, No. 80,498, dated April 27, 1869; but

What we do claim, and desire to secure by Letters Patent, is—

In a pair of sheep shears, the combination, with a spring-bow handle, A, provided with projecting arms B B, constructed as described, of blades C C, attached to the arms B B by a pair of pins, B¹ B², the pin B² forming a center of motion for the blades C, while the pin B¹ is adjustable in a groove or channel, C¹, as shown and described.

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Witnesses:

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