(Model.)

A. P. MANN.

SHEAR PAD.

No. 258,089. Patented May 16, 1882.

Fig. 1.

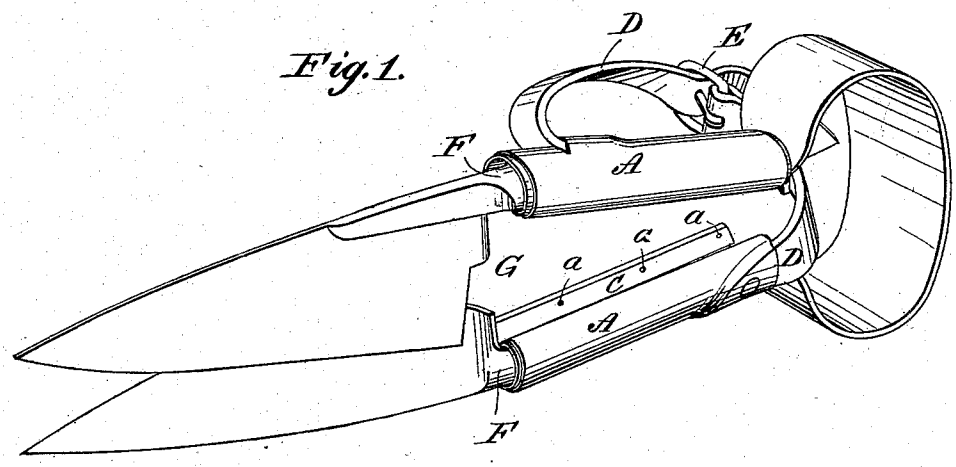


Fig. 2.

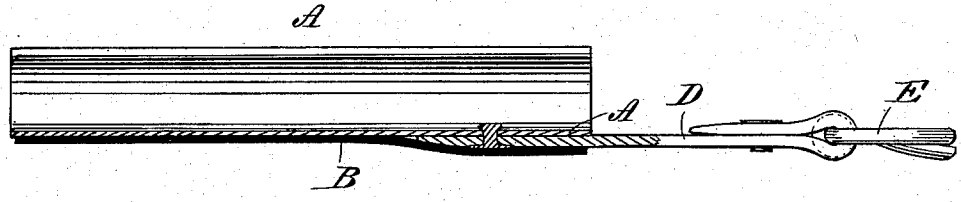
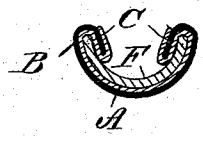


Fig. 3.



WITNESSES:

Donn Twitchell.

C. Sedgwick

INVENTOR:

A. P. Mann

BY Munn & Co

ATTORNEYS.

N. PETERS. Photo-Lithographer. Washington, D. C.

UNITED STATES PATENT OFFICE.

ALFRED P. MANN, OF KEARNEY, NEBRASKA.

SHEAR-PAD.

SPECIFICATION forming part of Letters Patent No. 258,089, dated May 16, 1882.

Application filed February 27, 1882. (Model.)

To all whom it may concern:

Be it known that I, ALFRED P. MANN, of Kearney, in the county of Buffalo and State of Nebraska, have invented a new and Improved Shear-Pad, of which the following is a full, clear, and exact description.

The object of my invention is to facilitate holding and operating of shears, such as sheep-shears.

The invention consists in a novel construction and arrangement of parts, as hereinafter described and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of a pair of shears provided with my improved pad. Fig. 2 is a longitudinal sectional elevation of my improved pad. Fig. 3 is a cross-sectional elevation of the same and of a shank of the shears.

The casing or pad A is formed of a plate of thin sheet metal, which can be bent readily—for instance, such as brass, copper, or sheet-iron—and this casing or pad A is provided on its outer surface with a covering, B, of leather, cloth, or similar soft material, the edges of this cover B being clamped and held by the overlapping edges of the metal plate forming the casing. A series of indentations, *a*, are made in the overlapping part C of the plate, whereby part of the metal will be forced into the covering material B, whereby this covering material will be held more securely by the overlapping part C of the metal plate forming the casing or pad. The casing or pad A is bent in such a manner that its cross section will be U-shaped, with the ends bent inward, downward, and upward, as shown in Fig. 3.

A strap, D, is attached to each casing or pad, A, and to one of these straps a buckle, E, or equivalent device, is attached for uniting the ends of these straps. To secure the casings A on the shanks F of a pair of shears, G, the longitudinal edges of the casings A are separated sufficiently to permit passing the shanks F into the casings, whereupon the edges of the casings are bent over the edges of the shanks F, whereby the casings A will be held to the shanks of the shears by the overlapping parts of the casings. The casings A can be detached very easily by bending the longitudinal edges of the casing upward sufficiently to permit removing the shanks F from the casings.

In using shears provided with my improved pads the united straps D pass over the back of the hand, these straps having been adjusted in length according to the size of the hand. If the shears are used to cut wool from sheep, the straps D prevent the hand from slipping forward upon the shear-blades while forcing the shears into the wool. At the same time the straps D prevent the shears from being thrown from the hand in case the animal kicks the hand or the shears. The covering B of leather or cloth protects the hand of the operator from being blistered or becoming fatigued, thus enabling the operator to operate longer with shears provided with the within described pads than with ordinary shears.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

1. The combination, with the casings A, provided with the covering B and adapted to be secured on the shanks of shears, of the straps D, for connecting these casings, substantially as herein shown and described, and for the purpose of holding the shears in the operator's hand, as set forth.

2. The combination, with the casing A, of the covering-layer B, of cloth or leather, held on the casing A by the overlapping longitudinal edges C of the casing, substantially as herein shown and described, and for the purpose set forth.

ALFRED PHILANDER MANN.

Witnesses:

JOHN WALL,

G. F. GILBERT.