

(No Model.)

D. A. DUNHAM.  
PRUNING SHEARS GUARD.

No. 413,652.

Patented Oct. 29, 1889.

Fig. 1

Fig. 3.

Fig. 4.

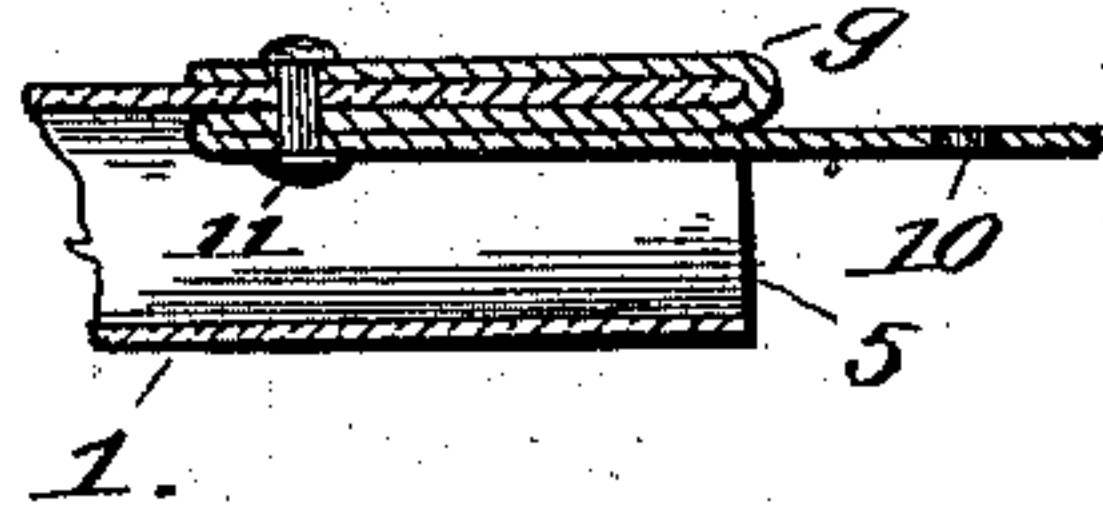
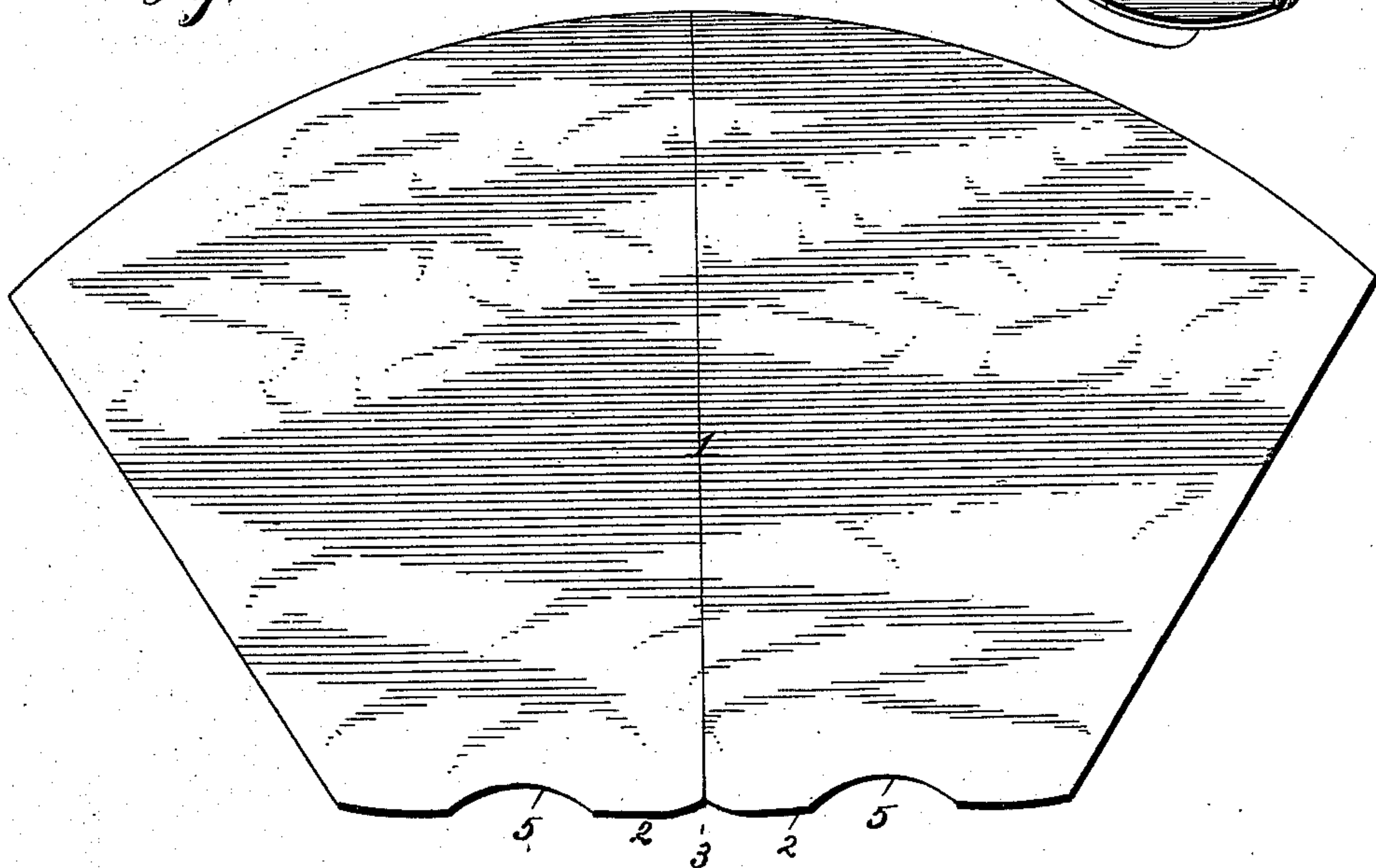


Fig. 2.



Witnesses

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# UNITED STATES PATENT OFFICE.

DAVID A. DUNHAM, OF PALATKA, FLORIDA.

## PRUNING-SHEARS GUARD.

SPECIFICATION forming part of Letters Patent No. 413,652, dated October 29, 1889.

Application filed June 29, 1889. Serial No. 315,968. (No model.)

*To all whom it may concern:*

Be it known that I, DAVID A. DUNHAM, a citizen of the United States, residing at Palatka, in the county of Putnam and State of Florida, have invented a new and useful Hand-Guard Attachment for Pruning-Shears, of which the following is a specification.

The object of this invention is to provide a hand-guard attachment for pruning-shears, and to provide a simple and efficient means for securing the attachment to the shears, whereby by the use of such an attachment the operator may prune vines and bushes covered with thorns without the liability of injuring his hand.

With these general objects in view the invention consists in a blank of leather or other material cut and sewed to form a cone-shaped guard, the apex of which is provided with an opening through which the cutting end of the pruning-shears is inserted; and, furthermore, in a metal clip or plate having a perforation adapted to receive the usual pivot-screw of the shears, whereby the guard is maintained in proper position upon the shears.

Referring to the drawings, Figure 1 represents a perspective of a pair of shears provided with a guard attachment constructed in accordance with my invention. Fig. 2 is a plan of the leather blank after being cut and before folding. Fig. 3 is a detail in perspective of the securing-plate for connecting the guard and shears. Fig. 4 is a transverse section showing how the metal clip is secured to the guard.

Like numerals of reference indicate like parts in all the figures of the drawings.

1 represents the leather blank, of a proper shape, one end of which is provided with the opposite curves or cut-away portions 2. A line 3, drawn from the inner ends of the curves to the base of the blank, serves as a fold-line, and the two opposite edges are stitched together, as at 4, as is also the curved portions 2, with the exception of a central space or opening 5, through which protrudes the blades of the shears 6, said blades being

pivoted by the usual bolt 7, having a nut or tappet 8.

9 represents a metal plate of a U form, which is mounted at the edge of the opening 5, and the same is at its inner end bent upon itself and forwardly beyond the opening, and provided with a perforation 10, adapted to receive the pivot-bolt of the shears, and be maintained thereupon by means of the tappet mentioned. A rivet 11 is passed through the three thicknesses of the metal plate and the leather shield, and serves to secure the plate snugly thereupon. The handle, it will be understood, of the shears projects rearwardly, and is inclosed by the shield, and by the employment of the latter the hand of the operator may be inserted among briars and thorns during the operation of pruning, and thus obviate any liability of injury.

Having thus described my invention, what I claim is—

1. A guard attachment for shears, &c., consisting of a cone-shaped flexible guard entirely inclosing the handle of the shears and open at the rear end only, and made of a single piece of material, and attached to the shears solely by a metallic clip.

2. A guard attachment for pruning-shears, of a cone shape, having a central opening at its apex provided with a sheet-metal clip perforated for the reception of the pivot-bolt of a pair of shears, substantially as specified.

3. The combination, with a pair of shears having a pivoted bolt, of a cone-shaped guard attachment made of leather, and having an opening at its upper end and provided with a sheet-metal plate riveted to the guard and having an opening through which is passed the pivot-bolt of the shears, and a nut mounted on the pivot-bolt, substantially as specified.

4. The combination, with a pair of shears having a pivot-bolt and nut, of a leather guard attachment of a cone shape, the apex of which is provided with an opening, and of a metal plate having a U-shaped arm embracing the edge of the opening and having

its inner half bent upon itself and projecting beyond the opening, and provided with a perforation for the reception of the pivot-bolt, and a rivet passing through the three thicknesses of metal and the guard, substantially  
5 as specified.

In testimony that I claim the foregoing as

my own I have hereto affixed my signature in presence of two witnesses.

DAVID A. DUNHAM.

Witnesses:

JAS. DIXON,  
HARMON BROWN.