

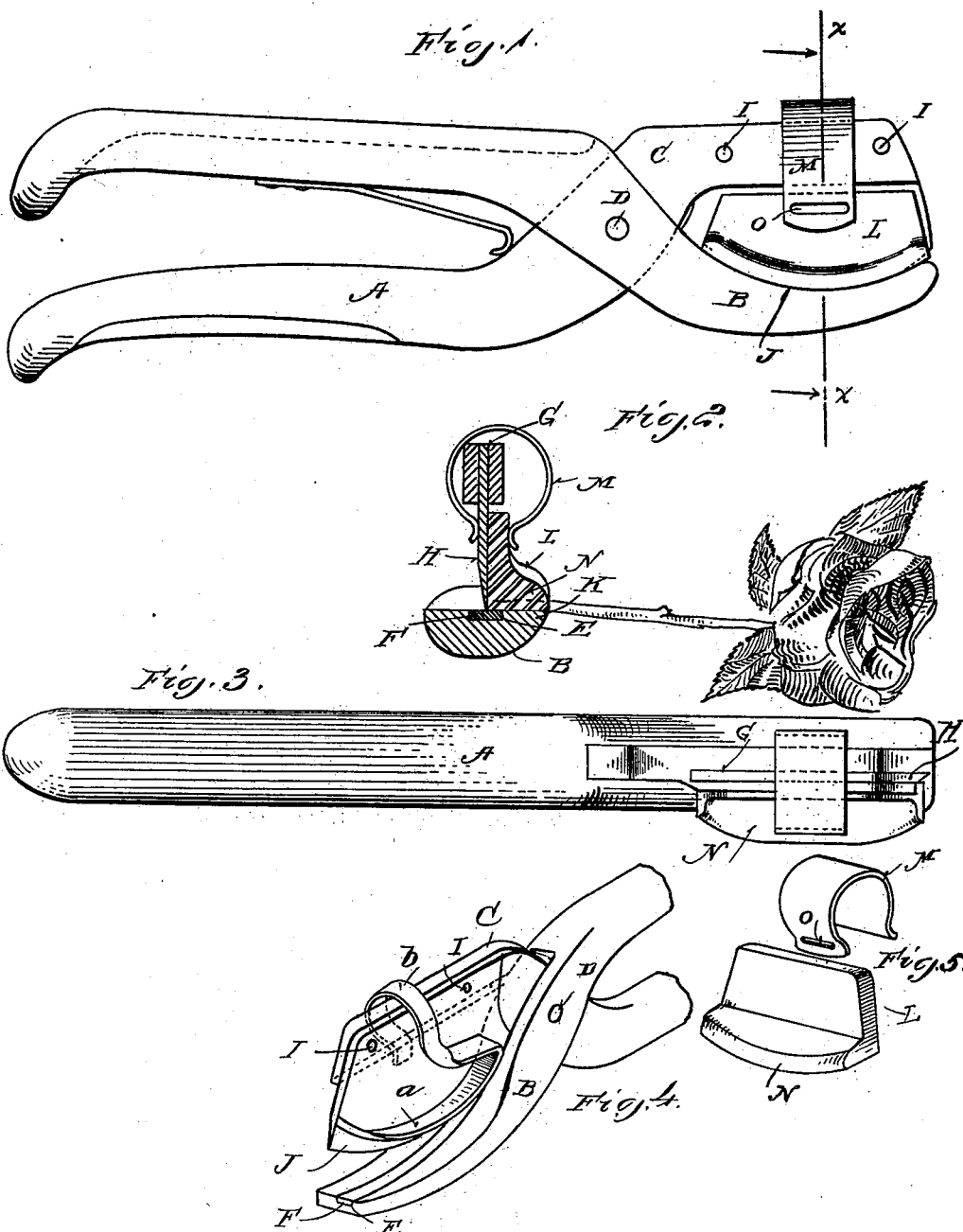
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Patented Apr. 3, 1900.

P. S. WISEMAN.
ATTACHMENT FOR SHEARS.

(Application filed May 31, 1899.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

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TO FRED COLBURN, JONATHAN S. HARSHMAN, AND DAVID C. WISEMAN,
OF SAME PLACE.

ATTACHMENT FOR SHEARS.

SPECIFICATION forming part of Letters Patent No. 646,633, dated April 3, 1900.

Application filed May 31, 1899. Serial No. 713,881. (No model.)

To all whom it may concern:

Be it known that I, PHILIP S. WISEMAN, a citizen of the United States, residing at Springfield, in the county of Clark and State of Ohio, have invented certain new and useful Improvements in Attachments for Shears, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to certain new and useful improvements in holding attachments for shears.

The object of this invention is to provide a simple and effective device or attachment which may be applied to any trimming or pruning shears for holding the portion trimmed, and is particularly adapted for use in holding a bunch of grapes or a rose-stem after the same has been severed by the shears.

My invention also relates to details of construction hereinafter appearing and particularly pointed out in the claim.

In the accompanying drawings, on which like reference-letters indicate corresponding parts, Figure 1 is a side view of a pair of shears, showing my improvements applied thereto; Fig. 2, a sectional view on the line *xx* of Fig. 1 looking in the direction of the arrows; Fig. 3, a plan view of what is shown in Fig. 1; Fig. 4, a detail perspective view of a portion of a pair of shears, showing another form of my improvements; and Fig. 5, a detail perspective view of the holding-clip, together with the elastic holder.

In greenhouses, particularly where large quantities of roses and other cut flowers are produced, and in vineyards this invention is specially useful, as it holds the stem containing the roses or other flowers and the bunch of grapes after being severed, so that it is not necessary to take them with the hand; but they may be gently laid in baskets. Shears with this attachment also enable a person to reach some distance for a particular rose or for fruit, &c.

The letter A represents a pair of shears adapted for trimming purposes, of the ordinary or any approved type, consisting of bars

B and C, pivotally connected together, as shown at D. The bar B preferably carries a strip, as shown at E, and has formed therein a filling of Babbitt metal, as shown at F. This is for preventing the edge of the knife-blade from becoming dull rapidly, as will hereinafter appear. The upper bar is slotted from its forward end, as shown at G in section in Fig. 2. In this slot is inserted a knife H, such knife being held in position by means of rivets or screws I. The lower edge of this knife is preferably curved to correspond with the interior of the outer end of the bar B, as clearly illustrated at J in Fig. 4 and as shown in dotted lines in Fig. 1. From Fig. 2 particularly it will be seen that the bar B projects to each side of the cutting edge of the knife H. Over one of these edges or projections, as shown at K, and adjacent to the knife is mounted an elastic holder L, held in position against the knife by means of a spring-clip M, which extends over the bar C and grips the elastic holder L between it and the knife. It will be observed that the lower portion of the elastic holder is thickened or widened, as shown at N. This widened portion extends outward flush with the outer edge of the bar B and is adapted to conform to the shape of the bar, so that as the shears are brought together this holder will press equally throughout its entire length upon said lower bar. As soon as the knife severs whatever it is cutting it will be pressed down upon the Babbitt filling F, and since such metal is quite soft the knife-edge will be prevented from becoming dulled.

Referring now to the second form of my invention, it will be observed that the spring-clip and elastic holder are formed in one piece. This, however, is not the preferred form, but in many instances may be substituted for the preferred form. The elastic cushion *a* is made of spring-steel or other suitable material and has formed at one end a spring-clip *b*, which is adapted to extend over the bar C in a manner similar to the clip M. The outer end of this spring-cushion, therefore, is free to yield, and consequently

when the branch or twig is severed the spring-cushion *a* will yield sufficiently to accommodate it, but will at the same time press upon it with sufficient force to hold it between the lower jaw of the shears and said spring.

I do not wish to limit myself to any particular form of yielding cushion for this purpose, as I wish to claim, broadly, a holding device for shears for holding cut stems, &c., upon being severed.

It will be observed that the clip *M* has a slit therein, as shown at *O*. This is particularly useful for holding the rubber cushion firmly in position next to the knife, as it has been found in actual practice that the rubber projects within such slot or opening, and con-

sequently prevents the rubber from working out of place.

I claim—

In an attachment for shears or clippers, the combination with an elastic holder, of a clip having a slot therein adapted to engage with said holder at its slotted end and at its other end with said shears, said holder being held in position to grip and hold cuttings, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

PHILIP S. WISEMAN.

Witnesses:

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