(Model.)

F. O. SLANKER.

PRUNING IMPLEMENT.

No. 265,161. Patented Sept. 26, 1882.

Fig 1

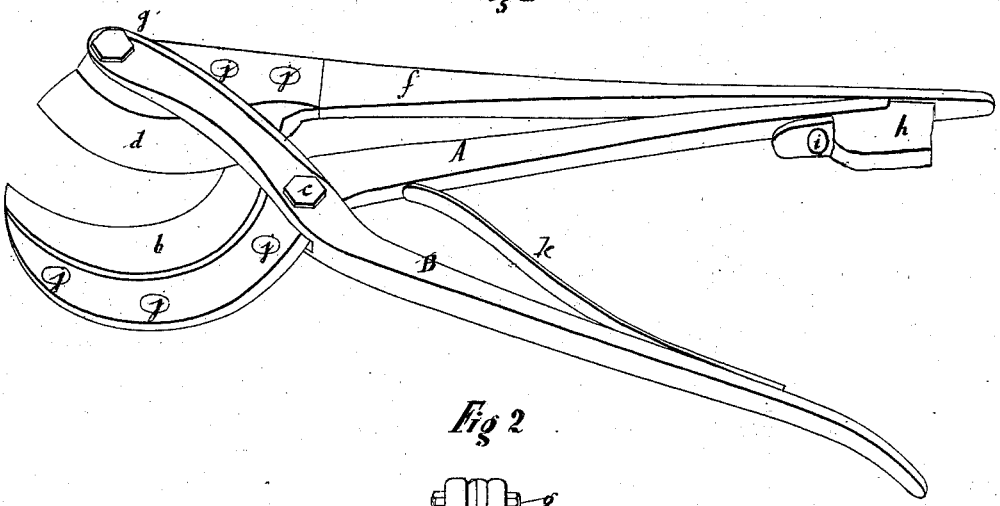
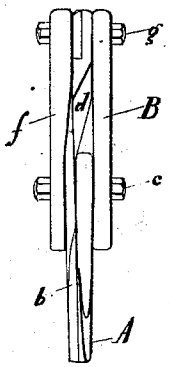


Fig 2



WITNESSES:

R. Jelinek

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INVENTOR:

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BY Munn & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

FRANK O. SLANKER, OF POMONA, CALIFORNIA.

PRUNING IMPLEMENT.

SPECIFICATION forming part of Letters Patent No. 265,161, dated September 26, 188 .

Application filed July 8, 1882. (Model.)

To all whom it may concern:

Be it known that I, FRANK O. SLANKER, of Pomona, in the county of Los Angeles and State of California, have invented a new and Improved Pruning-Shears, of which the following is a full, clear, and exact description.

In this improved arrangement of pruning-shears one of the shear-blades is attached to a lever which ranges along the lever of the other shear-blade, and is pivoted at the point of the blade to a lever, which is itself pivoted to the lever of said other shear-blade in about the position where shears are ordinarily pivoted, making an efficient compound-lever arrangement, enabling the instrument to cut more powerfully than in the simple form.

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

Figure 1 is a perspective view of my improved pruning-shears, and Fig. 2 is an end elevation.

A and B represent a pair of lever-handles, which are pivoted together at *c*, similarly to the manner in which pruning-shears are commonly pivoted; but instead of attaching the blades to them respectively, as in the common arrangement, I attach one, *b*, to lever A and the other, *d*, to a lever, *f*, and pivot said lever *f* to the outer end of the short arm of said lever B at *g*, arranging the lever *f* along lever A to bear against it at the end of its long arm, by which arrangement a compound leverage is obtained, whereby the blade *d* is fulcrumed at the pivots *c* and *g*, and a sliding or slicing, as well as a direct cutting, movement is given to the blades, thus considerably increasing their operative capacity and facilitating the work. I also propose to arrange the elastic cushion *h* between the levers A and B at the point where they close against each other, to lessen the shock of the concussions thereat, said spring being fastened by a rivet, *i*, or other device, as preferred.

In practice the cutting-blades will be made separately from the levers and riveted on, as represented at *j*.

The usual spring, *k*, for opening the shears will be employed in these improved shears.

Shears constructed according to my invention may be readily ground without disconnecting the blades, the lever *f* being turned forward on the pivot *g*.

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

The combination, in pruning-shears, of lever *f*, having blade *d*, lever A, having blade *b*, with lever B, said lever B being pivoted to lever A at *c*, and lever *f* being pivoted to lever B at *g*, substantially as described.

FRANK O. SLANKER.

Witnesses:

J. M. MCKAY,

P. C. TONNER.