

G. Bergner,

Pruning Shears.

No. 101,571.

Patented Apr. 5. 1870.

Fig. 2.

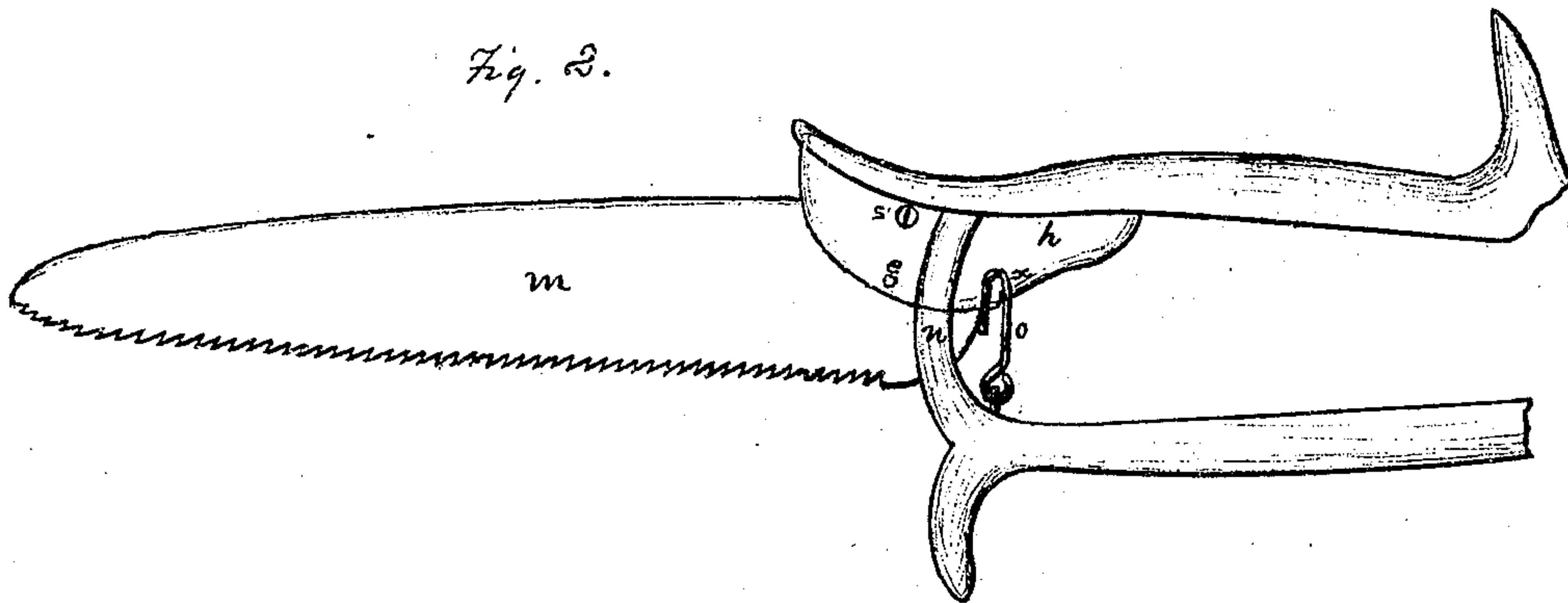
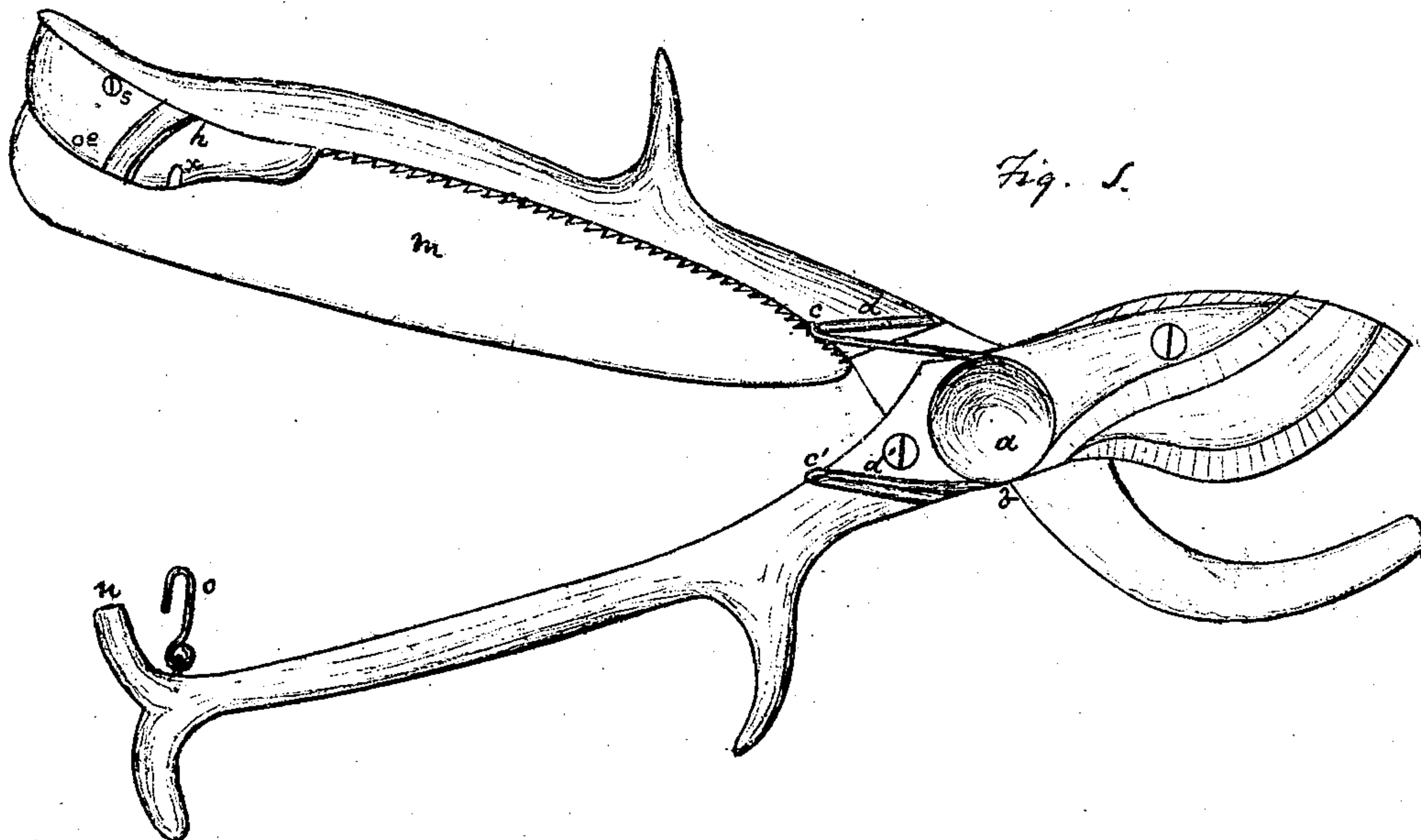


Fig. 1.



Witnesses.
J. P. Gammert
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United States Patent Office.

GEORG BERGNER, OF WASHINGTON, MISSOURI.

Letters Patent No. 101,571, dated April 5, 1870.

IMPROVEMENT IN PRUNING-SHEARS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, GEORG BERGNER, of Washington, in the county of Franklin and State of Missouri, have invented a new and useful Improvement in Pruning-Shears, of which the following is a full, clear, and exact description, reference being had to the annexed drawing making a part of this specification, in which—

Figure 1 represents my invention.

Figure 2 represents a portion of same.

Similar letters indicate like parts.

The object of my invention is to combine with shears a small saw, so that the one instrument be in itself sufficient for all ordinary pruning.

The end of one handle has a slotted projection, *h*, figs. 1 2, in which at *e* is pivoted a saw-blade, *m*, which, when not in use, is closed, as seen in fig. 1, the extremity *n* of the other handle having a slot to admit the saw-blade and allow the shear-blades to close.

When the saw is to be used, it is opened as seen in fig. 2, and the handles of the shears brought together as seen, and fastened by a hook, *o*, and stud, *x*, the slot *n* serving to give the blade steadiness.

A steel pin, *s*, figs. 1 2, passing through *h*, forms a bearing for the saw in its operations, giving it the requisite spring and relieving the pivot *e*.

What I claim as my invention, and desire to secure by Letters Patent, is—

The saw *m*, in combination with the pruning-shears, and constructed, arranged, and operating conjointly therewith, substantially as shown and specified.

G. BERGNER.

Witnesses:

SAML. S. BOYD,
J. P. GEMMER.