

(Model.)

J. M. BAILEY.
Pruning Implement.

No. 234,939.

Patented Nov. 30, 1880.

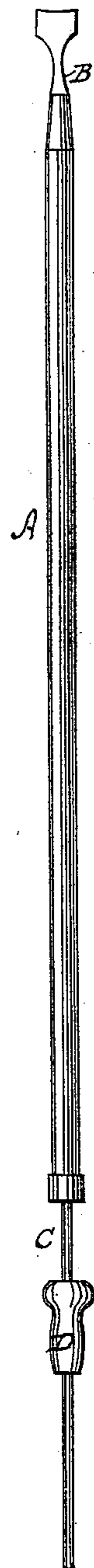


Fig. 1

Fig. 2

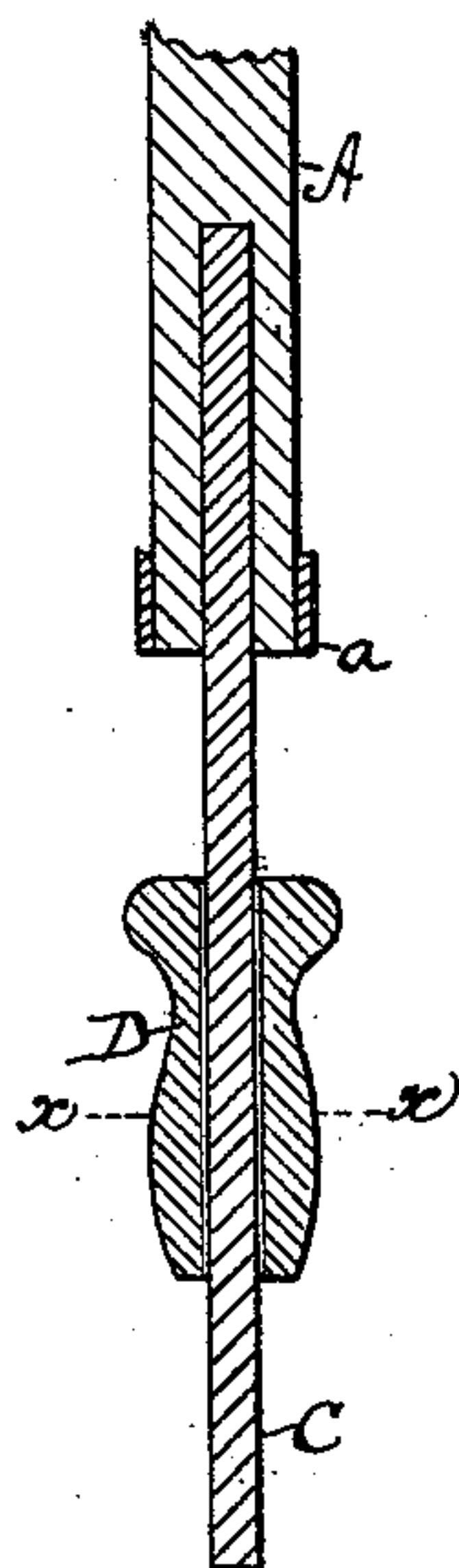
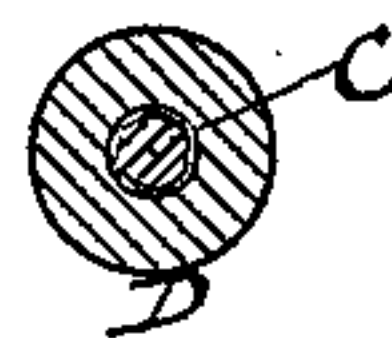


Fig. 3



Witnesses
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UNITED STATES PATENT OFFICE.

JOHN M. BAILEY, OF WOONSOCKET, RHODE ISLAND.

PRUNING IMPLEMENT.

SPECIFICATION forming part of Letters Patent No. 234,939, dated November 30, 1880.

Application filed June 22, 1880. (Model.)

To all whom it may concern:

Be it known that I, JOHN M. BAILEY, of Woonsocket, county of Providence, and State of Rhode Island, have invented a new and useful Improvement in Pruning Implements; and I hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification, in which—

10 Figure 1 is an elevation of the implement. Fig. 2 is a horizontal vertical section of the lower end of the implement on an enlarged scale. Fig. 3 is a cross-section on line *x x* of Fig. 2.

15 The object of my invention is to provide a pruning implement which is cheap in construction, easily operated, and not liable to get out of order; and it consists in a rod bearing at one end a fixed chisel, and at the other end a

20 spindle, on which slides a weight or hammer, so that the hammer may be passed along the spindle and deliver a blow against the end of the rod, as hereinafter more fully described and claimed.

25 In the said drawings, A is a pole or rod of wood, of any desired length, to the one end of which is permanently fixed a cutting-chisel, B. Inserted within and projecting from the opposite end of pole A is a metal or other

30 spindle, C, on which slides a hammer or driving device, D. Around the lower end of pole A is a metal ferrule, *a*, to receive the impact of the blow from hammer D.

The operation of my device is as follows:

The chisel is placed against the limb at the point where the cut is to be made and held firmly against it with one hand, while the other hand, grasping the hammer D, moves it up spindle C in a series of quick sharp blows against the ferruled end of the pole. This gradually and progressively drives the chisel through the limb and severs it.

I am aware that heretofore a pruning implement has been constructed wherein a chisel with an elongated shank telescopes into the end of the pole, or a projection thereof, but the operation of such an implement is rendered impracticable by the uncertainty or lack of precision in making the cut, due to the fact that the pole must receive a sudden and violent upward thrust to make the chisel stick into the limb before another blow can be struck; moreover, great difficulty must be experienced in such construction to get the blow delivered in a true line with the resistance.

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

In a pruning implement, a pole, A, having a fixed chisel, B, on one end, in combination with the projecting spindle C and hammer D, sliding thereon, all constructed and operated substantially as described.

JOHN M. BAILEY.

Witnesses:

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