

No. 670,416.

Patented Mar. 26, 1901.

W. CRONK.  
PRUNING SHEARS.

(Application filed Jan. 21, 1898.)

(No Model.)

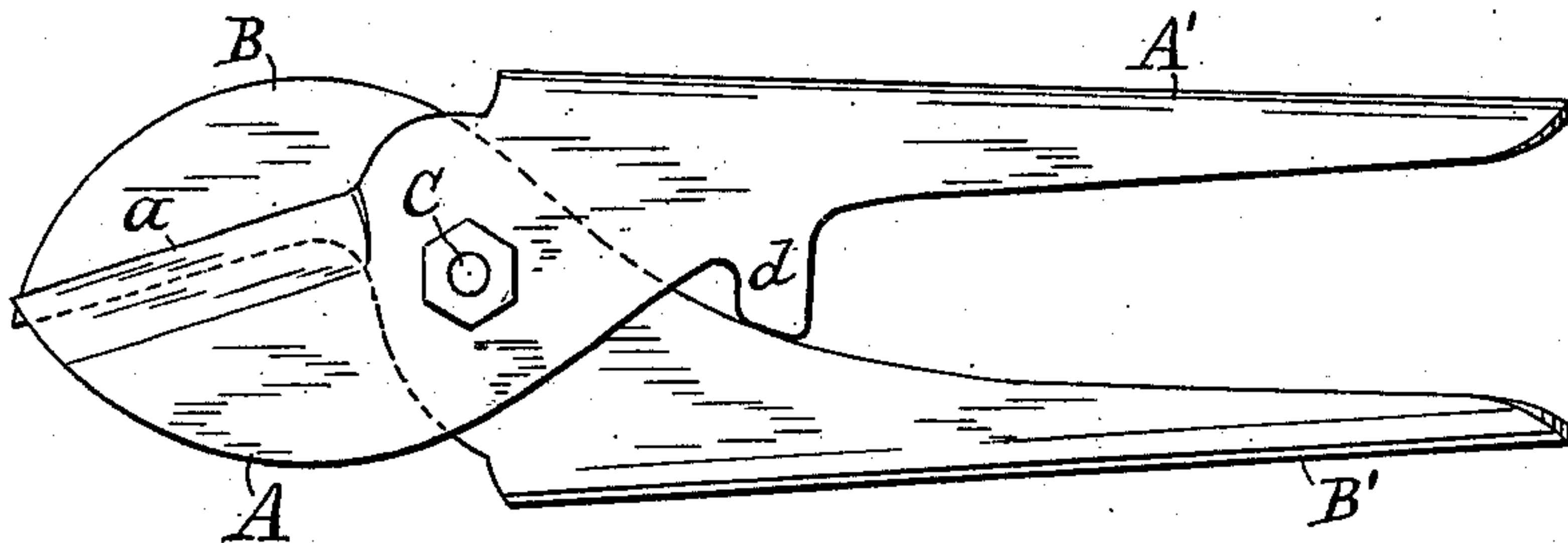


Fig. 1.

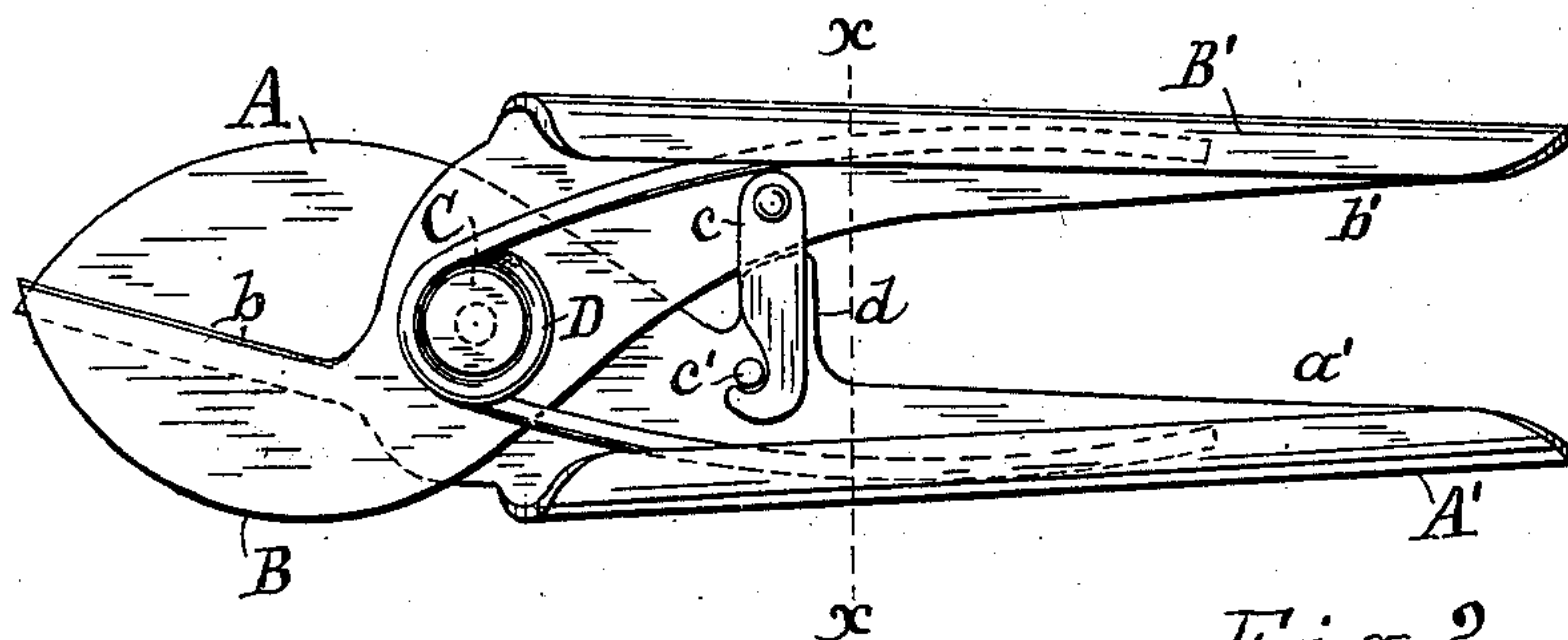


Fig. 2.

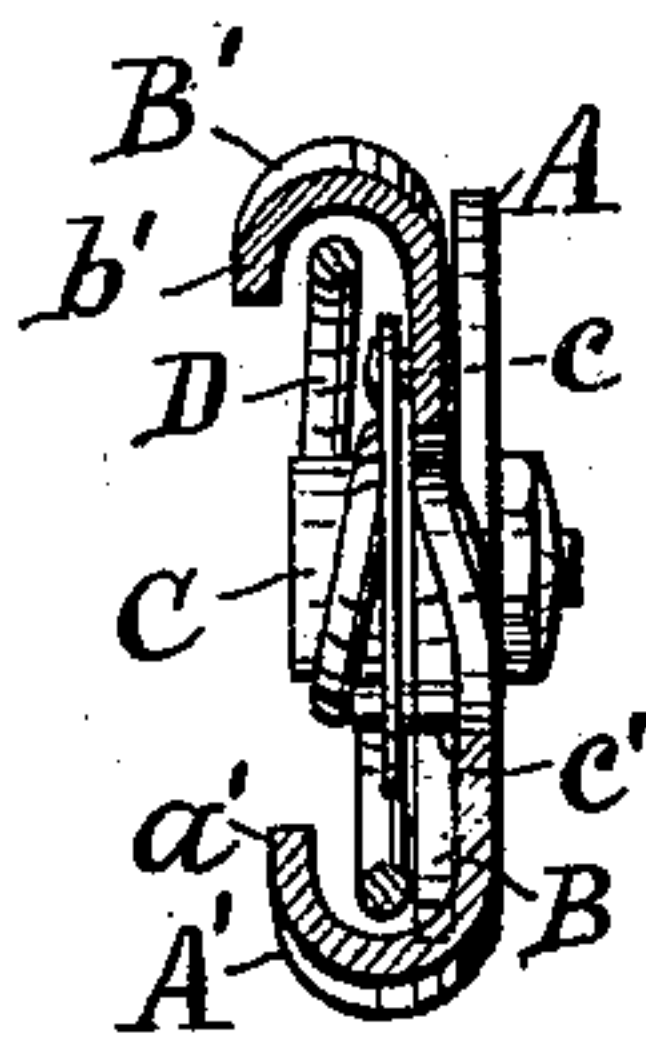


Fig. 3.

Witnesses.

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# UNITED STATES PATENT OFFICE.

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## PRUNING-SHEARS.

SPECIFICATION forming part of Letters Patent No. 670,416, dated March 26, 1901.

Application filed January 21, 1898. Serial No. 667,377. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM CRONK, of Montour Falls, in the county of Schuyler, in the State of New York, have invented new and  
5 useful Improvements in Pruning-Shears, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

My invention relates to improvements in  
10 pruning-shears, and the object is to cheapen the construction of such shears and at the same time provide an effective and durable instrument.

In the drawings hereto annexed and forming a part of this specification, Figure 1 is a  
15 side view of my improved shears. Fig. 2 is the reverse side view of the same, and Fig. 3 is a transverse sectional view taken on line *x x* of Fig. 2.

Referring specifically to the drawings, A  
20 and B are the blades of the shears, having straight cutting edges *a* and *b* and convex outer or back edges, and A' and B', respectively, are the handles therefor. The blades  
25 are integral with the handles, being formed of plate-steel, the handles having their outer edges *a'* and *b'* bent over to one side to form bearing-surfaces for the hands. The surfaces  
30 are straight longitudinally and curved transversely, as shown in the drawings.

C is the pivot or bolt passing through the parts of the instrument, the head of the bolt being extended longitudinally and located on the side to which the edges of the handles  
35 are turned. The turned edges of the handles form recesses or grooves for the ends of the wire spring D, which opens the shears. The said spring is coiled at its center about the head of the bolt, and the legs thereof, which  
40 are nearly straight, are securely held in place in the grooves of the handles. The coil of the spring is thus prevented from slipping off from the head of the bolt C. Upon the inside of the handle B', I pivot a hook *c*, formed

of thin metal, and which is adapted to en- 45  
gage a small pin *c'* on the other handle to hold the shears closed when not in use.

*d* is a projection on the inner edge of one of the handles and extending toward the inner  
edge of the opposite handle to form a stop. 50

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

1. In a pruning implement, a pair of blades having straight cutting edges, plate-metal 55  
handles integral with said blades and having their outer edges turned over to form straight bearing-surfaces and grooves opposite each other, a bolt passing through the parts and forming the pivot, and a spring coiled around 60  
the head of the bolt and having its ends extended toward the free ends of the handles and lying in the grooves thereof, as set forth.

2. In a pruning implement, a pair of blades, handles integral with the blades formed of 65  
plate-steel and having their outer edges turned over to one side to form grooves opposite each other, a bolt passing through the parts and forming the pivot, and a spring coiled around the head of the bolt and having 70  
its ends extended toward the free ends of the handles and lying in the grooves thereof, as set forth.

3. In a pruning implement, a pair of blades having handles with grooves therein opposite 75  
each other, a bolt passing through the parts and forming the pivot for the same, and a spring bent around the head of the bolt and having its ends extended toward the free ends of the handles, and lying in and held 80  
in place by said grooves, substantially as described and shown.

In testimony whereof I have hereunto signed my name.

WILLIAM CRONK. [L. s.]

Witnesses:

E. G. CRONK,

CLARENCE E. COOK.