

(No Model.)

A. McNULTY.
PRUNING AND GRAFTING KNIFE.

No. 584,396.

Patented June 15, 1897.

Fig. 1

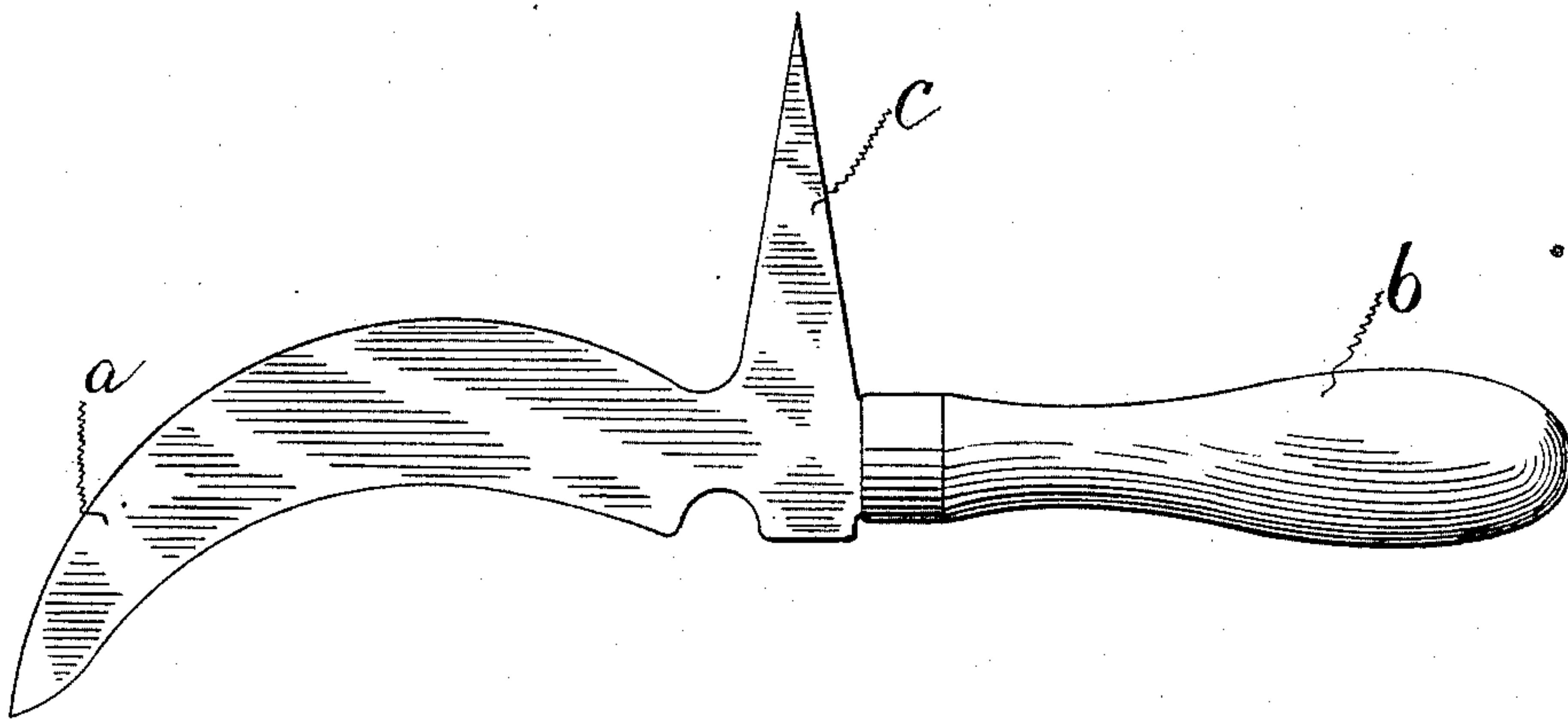


Fig. 2

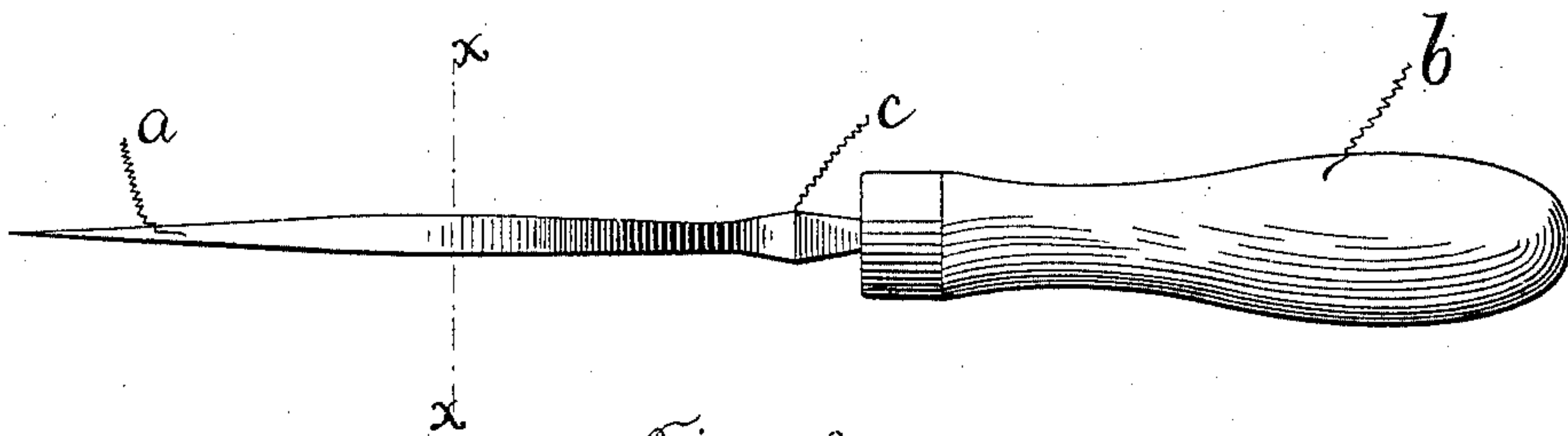
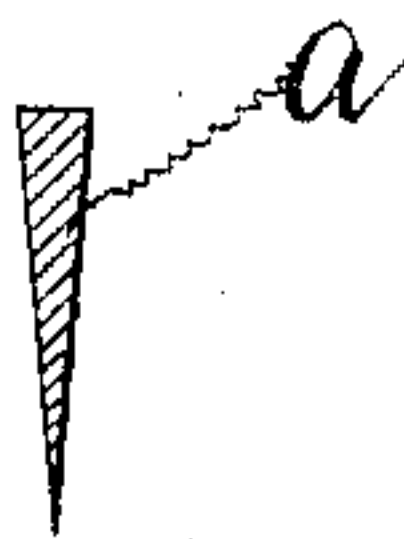


Fig. 3



Witnesses

M. J. Dacey
J. H. White

Inventor

Alexander McNulty
By *W. E. Simonds*
Attorney

UNITED STATES PATENT OFFICE.

ALEXANDER McNULTY, OF SIMSBURY, CONNECTICUT.

PRUNING AND GRAFTING KNIFE.

SPECIFICATION forming part of Letters Patent No. 584,396, dated June 15, 1897.

Application filed March 12, 1897. Serial No. 627,193. (No model.)

To all whom it may concern:

Be it known that I, ALEXANDER McNULTY, a citizen of the United States of America, residing at Simsbury, in the county of Hartford and State of Connecticut, have invented a certain new and useful Improvement in Pruning and Grafting Knives, of which the following is a description, reference being had to the accompanying drawings, wherein—

Figure 1 is a side view of a tool embodying said improvement. Fig. 2 is a view of the back of the tool. Fig. 3 is a cross-sectional view of the blade of the tool on the plane denoted by the dotted line xx of Fig. 2.

The object of the improvement is the production of a knife specially adapted to the operations of grafting, pruning, and the like.

In the accompanying drawings the letter a denotes the curved blade of the tool, which is brought to a suitable edge. The letter b denotes the handle of the tool attached to and upon the tang of the blade. The letter c denotes a chisel whose edge is crosswise of the edge of the blade. It is attached upon the back of the blade and in practice is made a part thereof. Although this combination of parts is adapted to various uses, it has a special use in the operation of grafting. After

a small limb has been sawed off in the grafting operation then the limb can be split for the insertion of the graft by the use of the blade. Then the chisel can be inserted in the split, effecting a double purpose in that the whole tool is securely held meanwhile to give the operator the use of both his hands, which he often needs very badly when among the branches of a tree, at the same time the split is held open for the insertion of the graft. The location of the chisel is near the center of the length of the whole tool in order that the weight of the tool may be about balanced thereon, a condition which helps to hold the tool securely without danger of falling and which also keeps the tool from exerting any lever-like action to pry the split apart unduly.

I claim as my improvement—

The combination of the curved blade, the handle and the chisel set crosswise of the blade upon the back of the tool and approximately at the middle of the length thereof, all substantially as described and for the purposes set forth.

ALEXANDER McNULTY.

Witnesses:

AARON S. CHAPMAN,
E. W. ROYCE.