

W. MILLSPAUGH.
CORN-KNIFE.

No. 176,875.

Patented May 2. 1876.

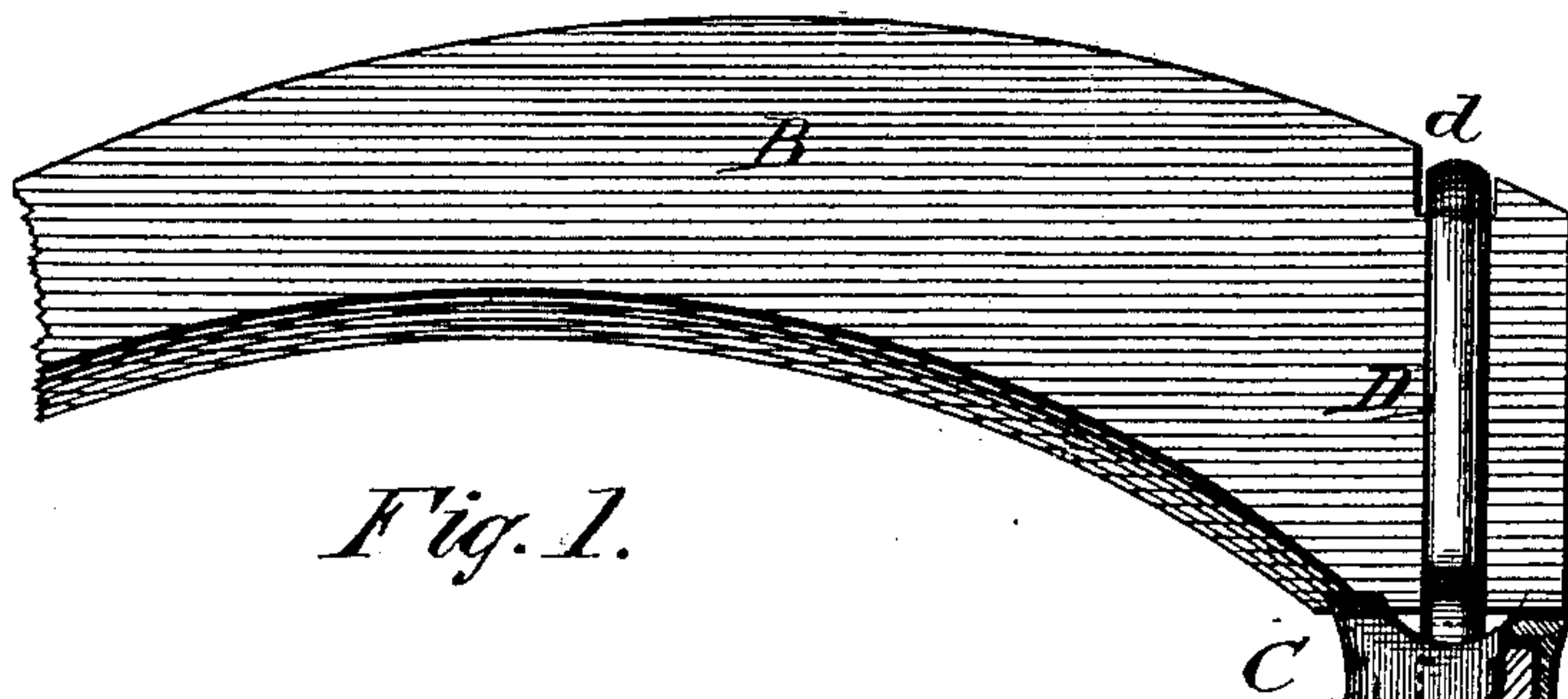


Fig. 1.

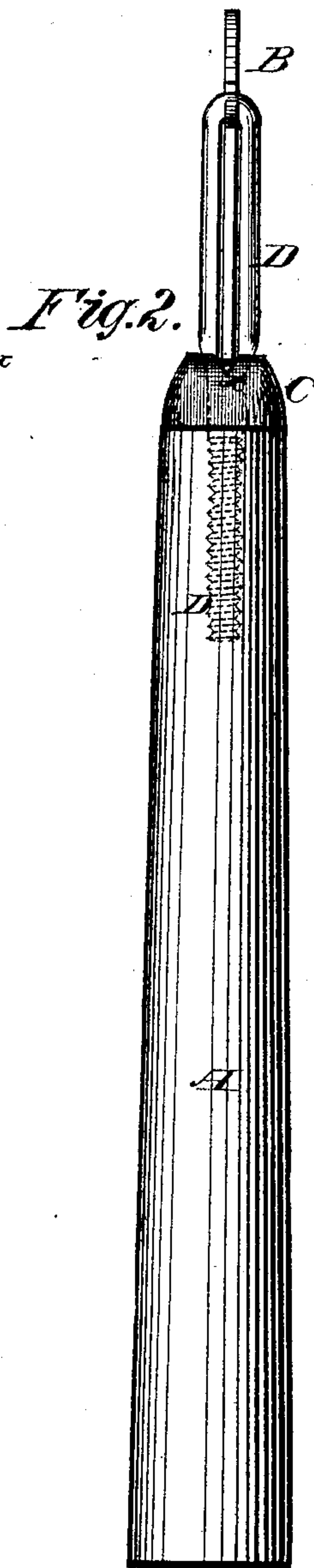


Fig. 2.

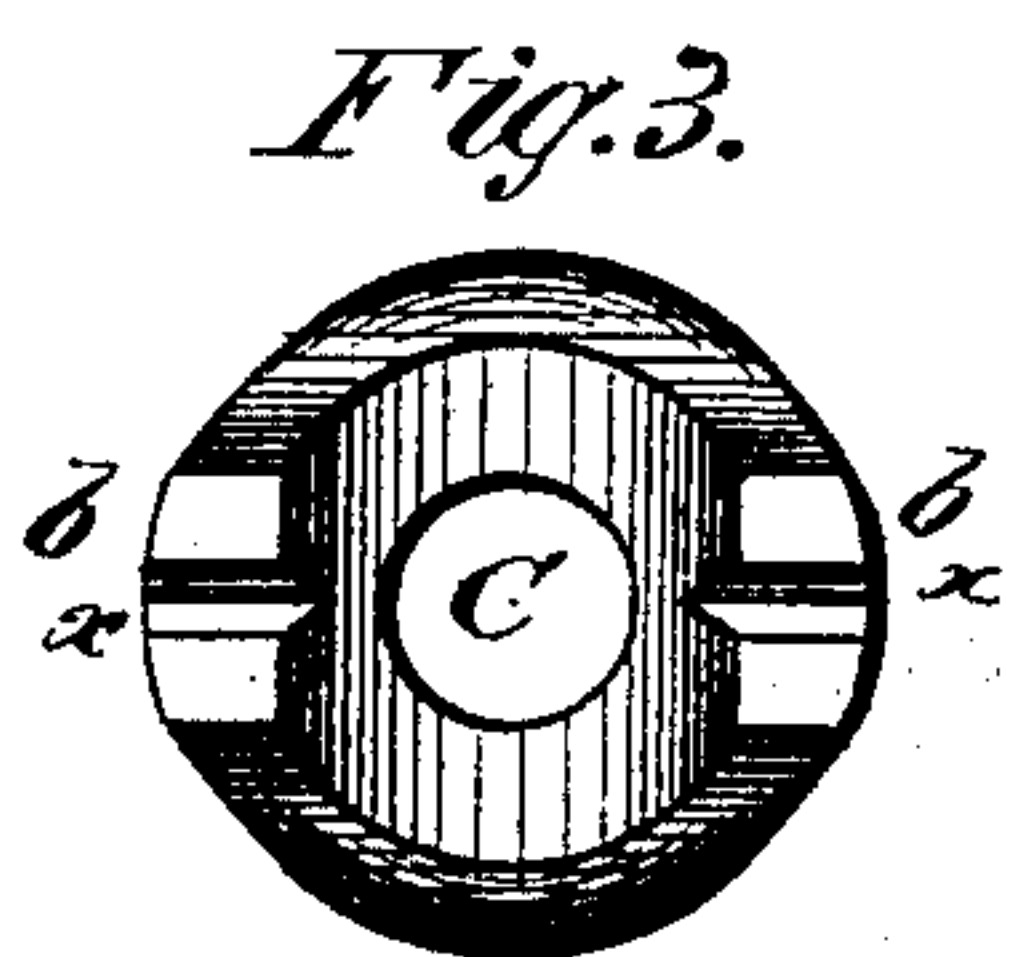


Fig. 3.

Witnesses:
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UNITED STATES PATENT OFFICE.

WILLIAM MILLSPAUGH, OF MIDDLETOWN, NEW YORK.

IMPROVEMENT IN CORN-KNIVES.

Specification forming part of Letters Patent No. **176,875**, dated May 2, 1876; application filed March 2, 1876.

To all whom it may concern:

Be it known that I, WILLIAM MILLSPAUGH, of Middletown, in the county of Orange and State of New York, have invented certain new and useful Improvements in Corn Knives or Hooks; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

The nature of my invention consists in the construction and arrangement of devices for fastening the blade of a corn knife or hook to the handle, as will be hereinafter more fully set forth.

In the annexed drawing, Figure 1 is a side view, part in section, of a corn-knife embodying my invention. Fig. 2 is a rear elevation of the same. Fig. 3 is a plan view of the ferrule or collar used in the fastening.

A represents the handle, and B the blade, of a corn-knife of the ordinary form. The handle A is made perfectly solid, and has a ferrule, C, on its end, which abuts against a shoulder, *a*, formed on the handle, as shown fully in Fig. 1. The outer end of the ferrule C is made to cover the end of the handle, and is made concave, as shown, with two projections, *b b*, opposite each other, in which are made grooves *x x*, to receive the edge of the blade B at its inner end. In the outer edge of the blade, at the inner end, is a notch, *d*. D represents a screw or bolt, which is passed through a central hole in the ferrule C and screws into the handle A. The outer end of the screw D is slotted longitudinally for the insertion of the inner end of the blade B; the end of the screw being placed in the notch *d* of the blade, and the lower or inner edge of the blade in the

notched or grooved projections *b* of the ferrule. By turning the handle A so as to screw the same up on the screw D, the blade is firmly and securely fastened in place.

In the ordinary corn-knives the handles are fastened by screws or rivets, which is very imperfect, and the handles soon come loose. With such fastenings it is impossible to prevent that, as the corn-knives are exposed to wet and dry constantly. The small piece of wood soon checks, and the blade becomes loose and unfit for use.

My invention overcomes entirely this difficulty, and at the same time imparts double the strength and durability, as the handle is left perfectly solid. In addition thereto, the cost is very much lessened; and I save both the cost of putting together and a considerable amount of the cost of packing, as they can be packed together, with the blades removed from the handles, in a very small compass, and will not be put together until they get in the retailer's or consumer's hand. The blade can also easily and quickly be removed for grinding or sharpening.

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

In a corn-knife, the blade B, ferrule C, and slotted loop D, having a screw-thread on its upper end, the parts being held in position by means of the loop and handle, without the use of metal screw-threads within the handle, all combined substantially as and for the purpose set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

WM. MILLSPAUGH.

Witnesses:

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