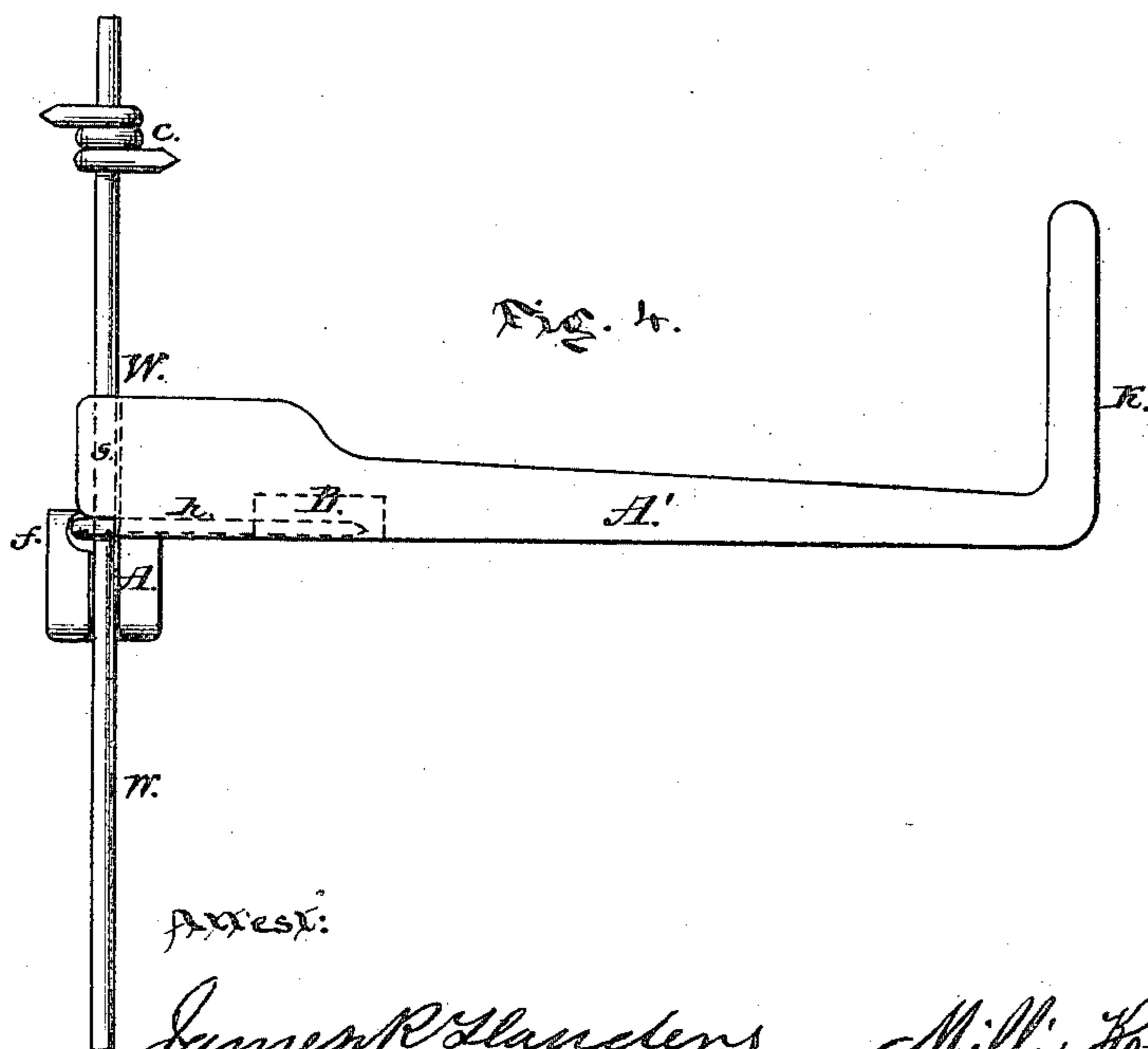
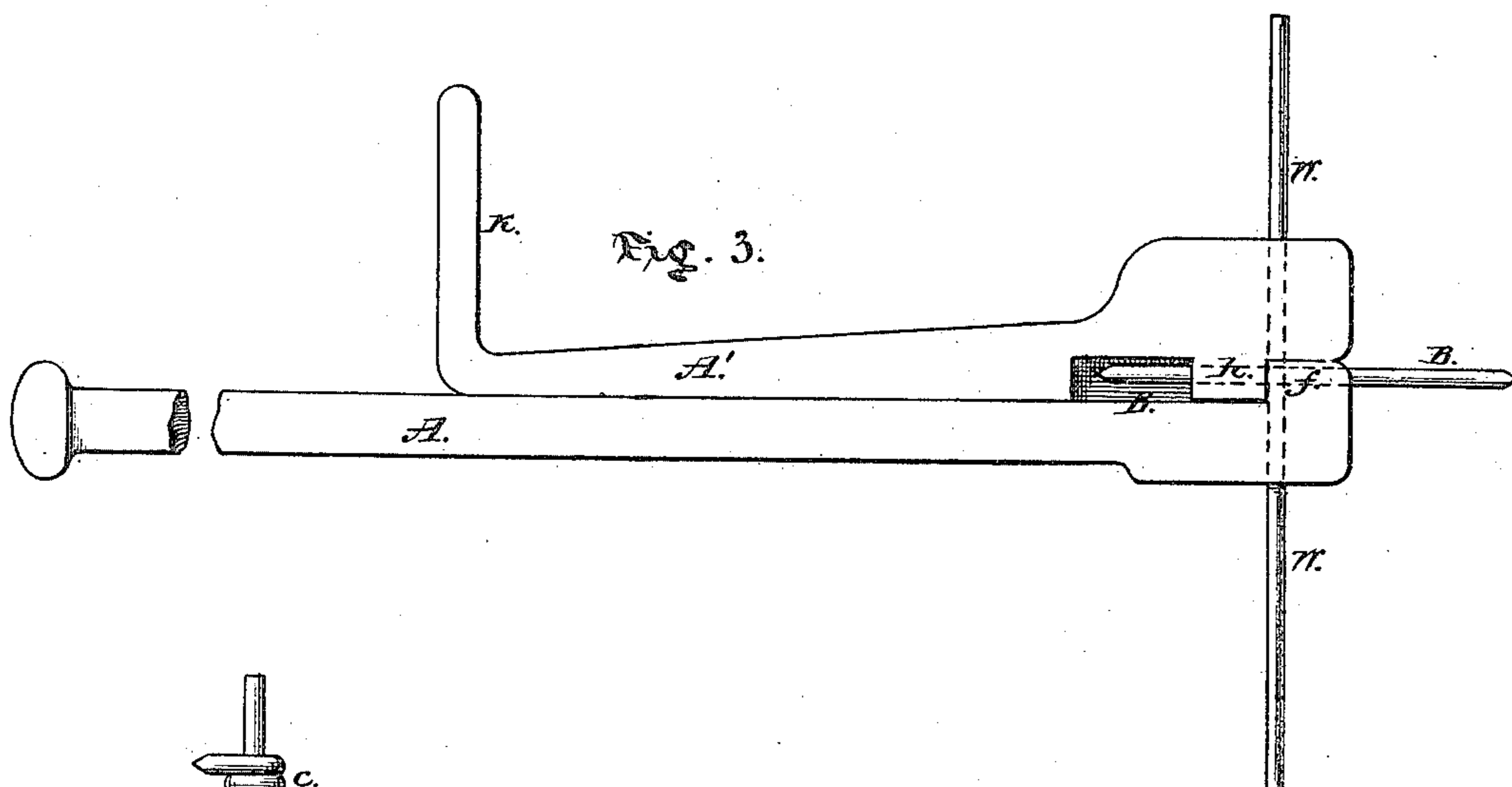
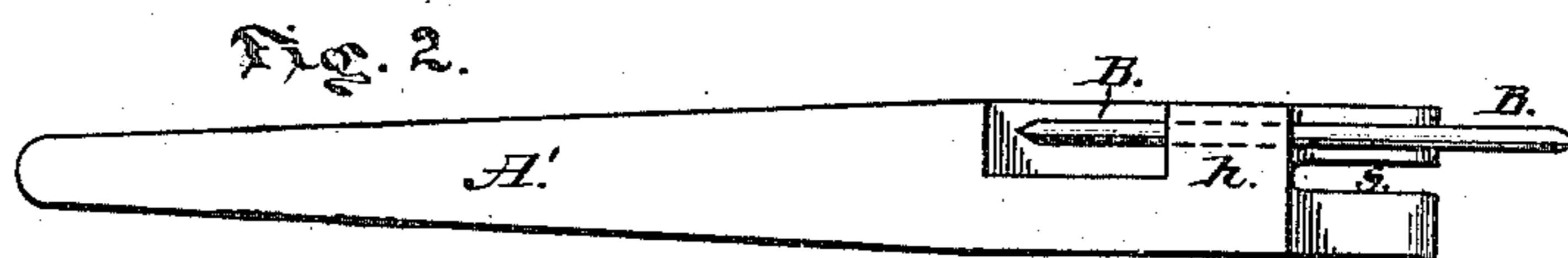
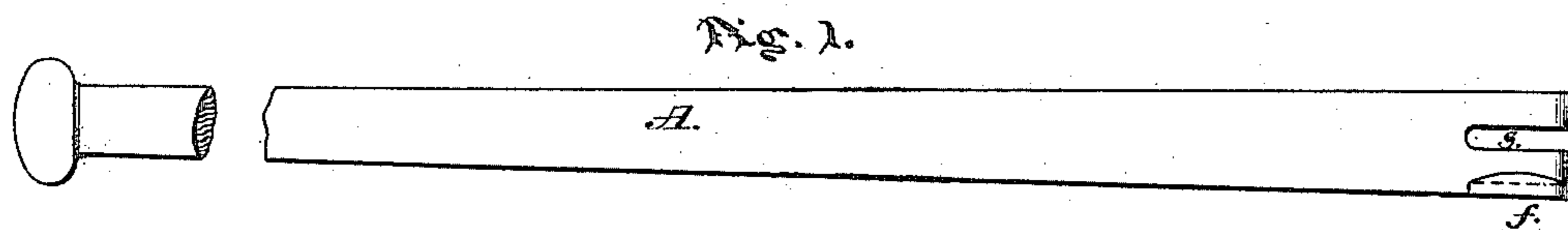


M. KNICKERBOCKER.

DEVICE FOR SECURING WIRE-BARBBS.

No. 172,452.

Patented Jan. 18, 1876.



Attest:

Inventor:

James R. Sanders
J. B. Boehme.

Millie Knickerbocker.

UNITED STATES PATENT OFFICE.

MILLIS KNICKERBOCKER, OF NEW LENOX, ILLINOIS.

IMPROVEMENT IN DEVICES FOR SECURING WIRE BARBS.

Specification forming part of Letters Patent No. 172,452, dated January 18, 1876; application filed October 28, 1875.

To all whom it may concern:

Be it known that I, MILLIS KNICKERBOCKER, of New Lenox, in the county of Will and State of Illinois, have invented a new and useful Device for Putting Metal or Wire Barbs on Rods or Wires.

The following is a specification of the same.

Figures 1 and 2 are side views of the two parts of the invention. Fig. 3 is a plane or top view, showing all the parts in position ready for action. Fig. 4 is the device in the act of winding the barb on the wire.

Similar letters of reference refer to corresponding parts.

The object of this invention is to cheapen and simplify the method of applying barbs to wire fences. A straight wire barb, sharpened at both ends, is readily and rapidly wound on the rods or wires of the fence, thereby saving time and the cost of elaborately made barbs, that are generally used.

The invention consists of two bars or levers, A A', having transverse slots in the ends which slip on the fence-wire, thereby making the wire the axis around which that part of the device revolves which winds on the barbs. S S, in Figs. 1 and 2, are the transverse slots that receive the wires of the fence. F, in Fig. 1, is a flange projecting from the side of bar A, which forms the rest that holds the end of the barb-wire stationary while it is being wound on. B B, in Fig. 2, is the pointed wire or barb. H, in Fig. 2, a hole drilled in to hold the barb-wire. Out of this hole H the barb-wire B B is drawn as it is being wound. W W, in Fig. 3, is the fence-wire in its posi-

tion just previous to commencing to wind on the barb. All the parts of the device are shown in their proper positions ready for action. K is a crank or handle attached to the piece shown in Fig. 2, that is used to rotate that part of the device around the fence-wire, thus bending the barb-wire into the required form. B B is the barb-wire; F, the flange; H, the hole that holds the barb-wire. In Fig. 4 the fence-wire is shown in its proper position in the slots S S. The end of the barb-wire is held stationary by the flange F, and on rotating by the handle K the barb-wire B B is drawn out of the hole H and bent around the fence-wire W W. C is as the barb appears when applied.

I do not claim the wire point or barb in any of its forms represented, or the winding of the same on a wire—simply the device as described.

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

The combination of the bar or lever A, having a grooved side flange, F, with the bar or lever A', having its outer end cranked, and its inner end flanged and recessed, as shown, both bars having slots S in their inner ends to allow them to fit over the fence-wire as an axis while the barb is being wound thereon, substantially as described.

MILLIS KNICKERBOCKER.

Witnesses:

NELSON LYNK,
THOS. JONES.