

E. H. SCOTT.
Grain-Cradle.

No. 226,630.

Patented April 20, 1880.

Fig. 1.

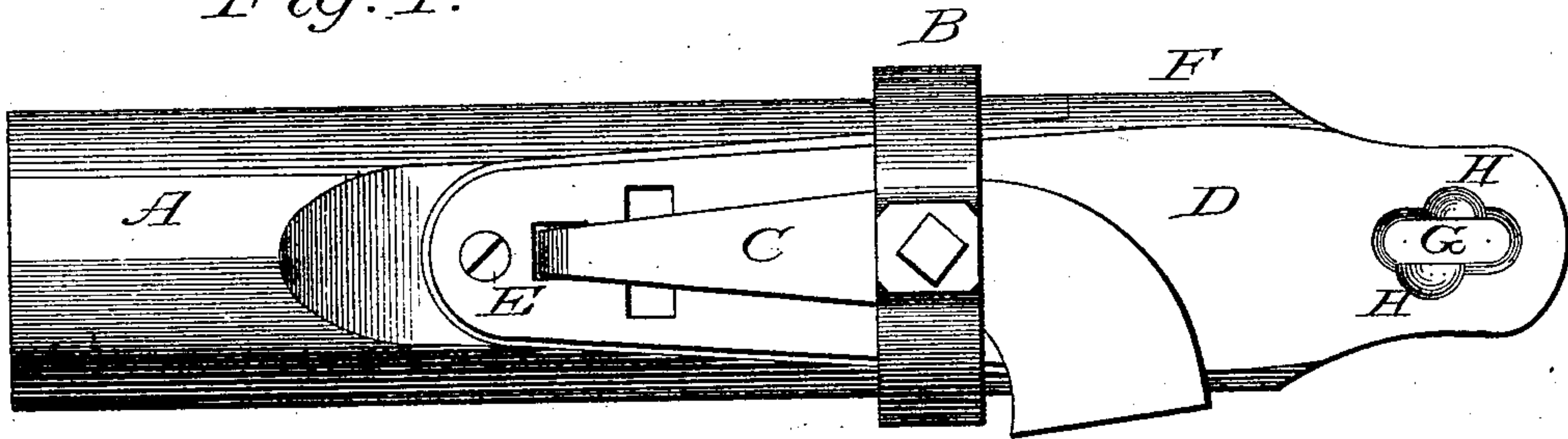


Fig. 2.

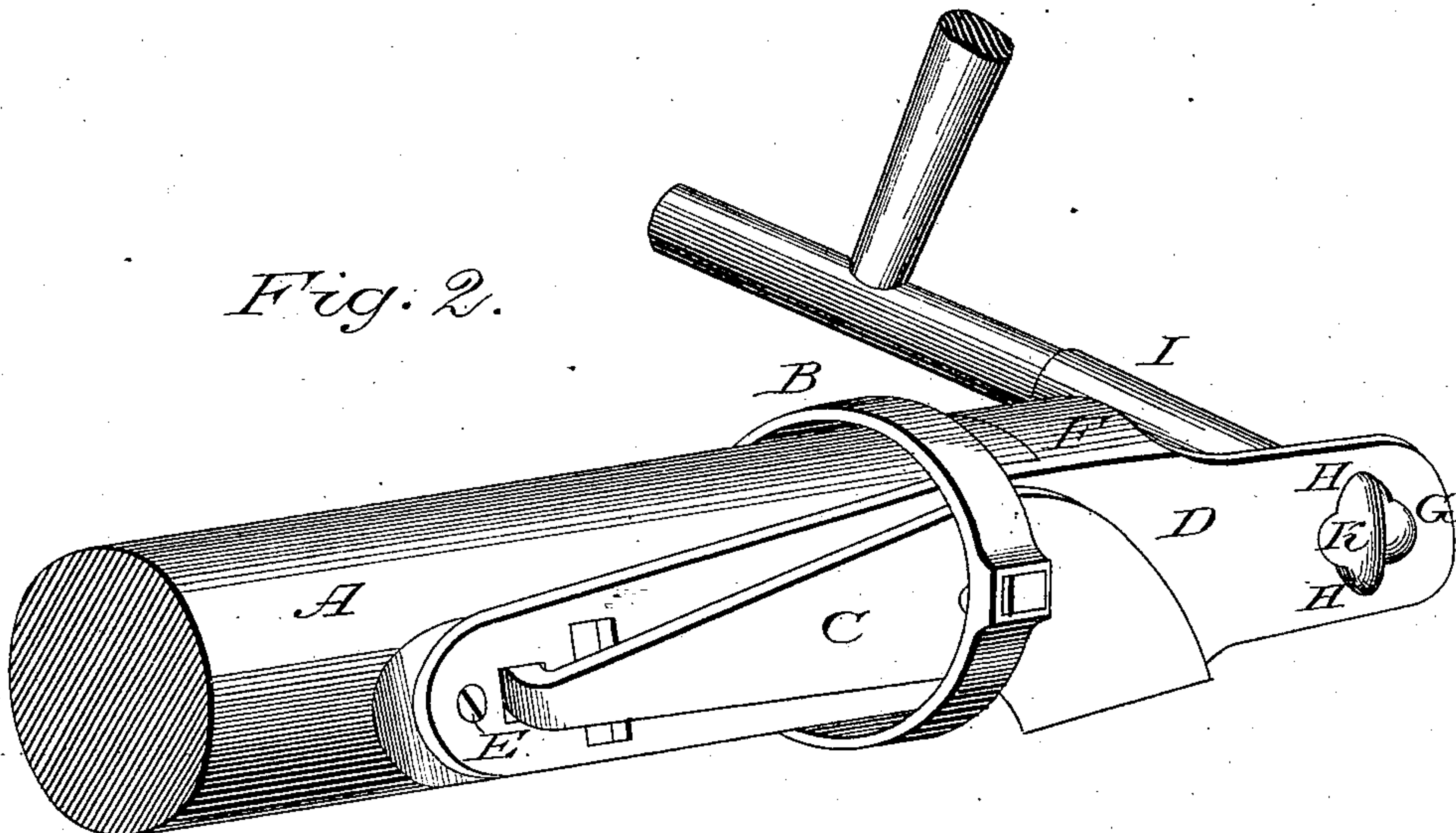
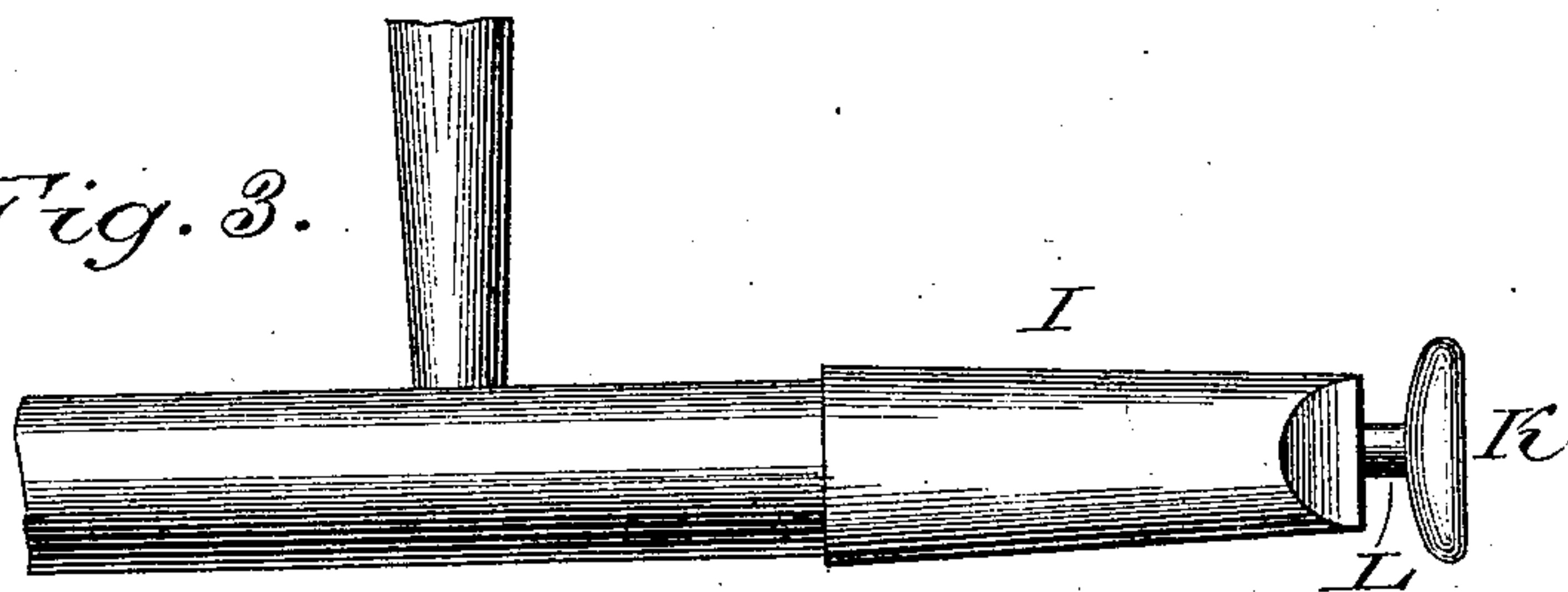


Fig. 3.



Witnesses:
E. D. Barrows
Adam McConnell

Inventor:
E. H. Scott

UNITED STATES PATENT OFFICE.

EMMET H. SCOTT, OF LA PORTE, INDIANA.

GRAIN-CRADLE.

SPECIFICATION forming part of Letters Patent No. 226,630, dated April 20, 1880.

Application filed February 20, 1880.

To all whom it may concern:

Be it known that I, EMMET H. SCOTT, of La Porte, in the county of La Porte and State of Indiana, have invented a new and useful Improvement in Grain-Cradles, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a view of the lower end of the snath, showing the part to which the scythe is attached. Fig. 2 is a perspective view of the lower part of the snath and the lower part of the cradle-head, showing the manner in which the finger-post is attached to the snath. Fig. 3 is a view of the finger-post and holder.

The object of my invention is to furnish a device for adjusting the finger-post and head of the cradle in any position desired with reference to the snath and scythe.

In the drawings, A is the snath. B is the heel-ring, with set-screw or wedge. C is the heel of the scythe.

D is a web or plate of metal, made fast to the under side of the snath by the screw E and the ring F, which fits snugly over the end of the snath. The plate projects about one and three-fourths inch beyond the end of the snath.

G is a slot in the projecting part of the web D, about three-fourths of an inch long and three-eighths of an inch wide. There are two recesses or sockets, H H, hollowed out of the under side of the web, one on each side of the slot G, in such shape that the finger-post, when placed in position, can be turned with a rotary motion a little more than a quarter of a revolution.

There is a malleable-iron casting, I, about two and one-half inches long, with a socket at one end, into which the lower end of the finger-post is fitted and made fast with a tack, so

that the casting fits over the end of the finger-post like a ferrule. This casting forms an extension of the finger-post, and at its outer end there is an elongated knob, K, about three-fourths of an inch long and three-eighths of an inch thick, having its ends somewhat rounded to fit into the sockets H H. This knob is connected with the upper part of the casting I by a short neck, L, about one-fourth of an inch long.

When the cradle is put together or set up the knob K is inserted in the slot G, one end entering a little in advance of the other, and then is turned into the desired position, the ends of the knob fitting into the sockets on the other side of the web D.

The finger-post, when so placed, has two motions. It can be turned round laterally, thus giving the fingers, which move with it, more or less throw, as desired; and it can be tipped forward toward the snath or backward from it, thus by one movement giving the fingers more or less gather, as desired.

When the head is adjusted properly, as may be desired, it will be held securely in position by the ordinary post and finger-braces and quill or bobbin, and quill or bobbin wire, in connection with my improvement.

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

The finger-post holder I, terminating in the knob or button K, and the web D, projecting beyond the end of the snath, with the slot G through it and the sockets H H on its under side, to hold and adjust the head of the cradle.

EMMET H. SCOTT.

Witnesses:

EDGAR D. BARROWS,
WM. NILES.