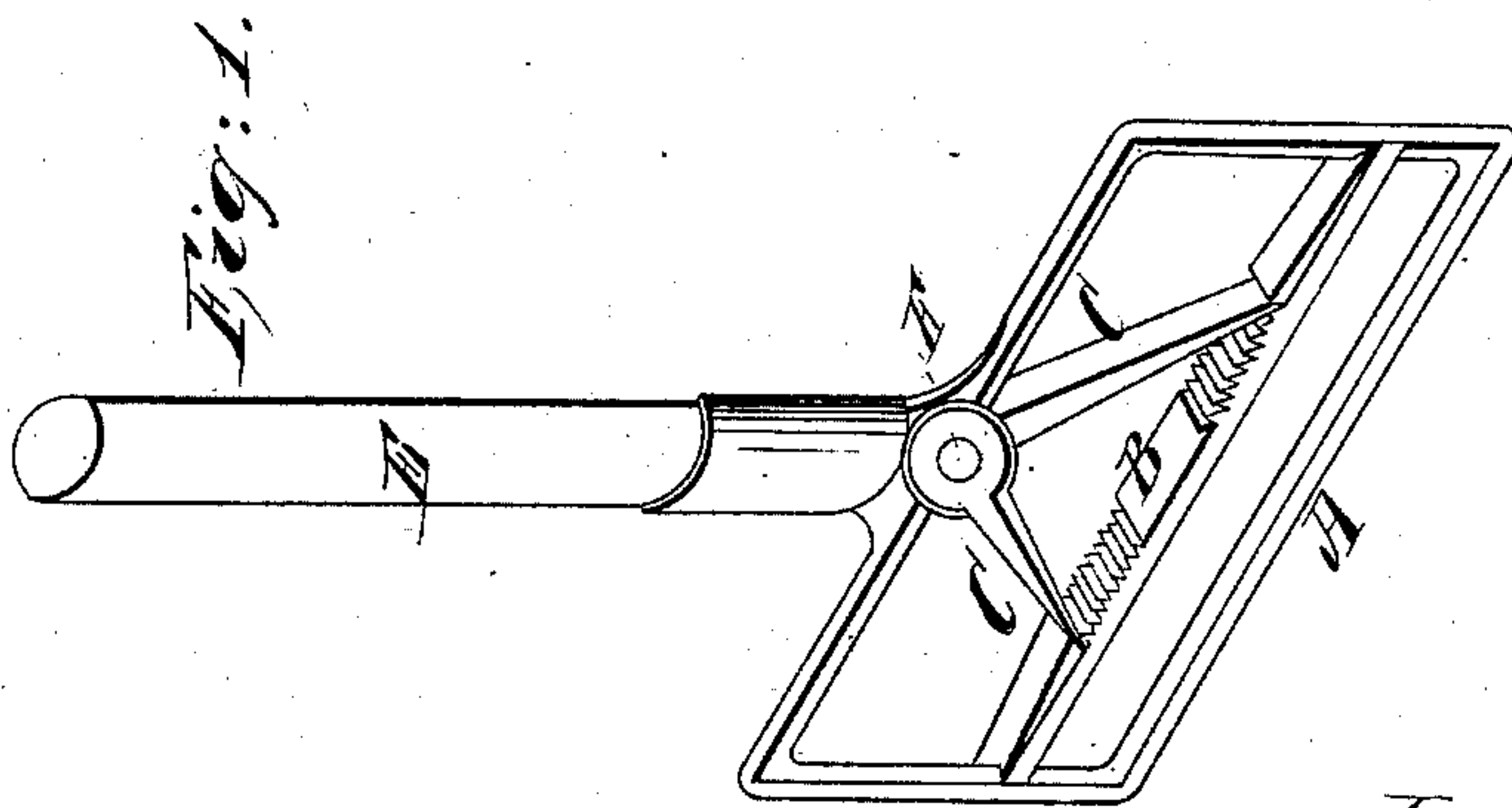
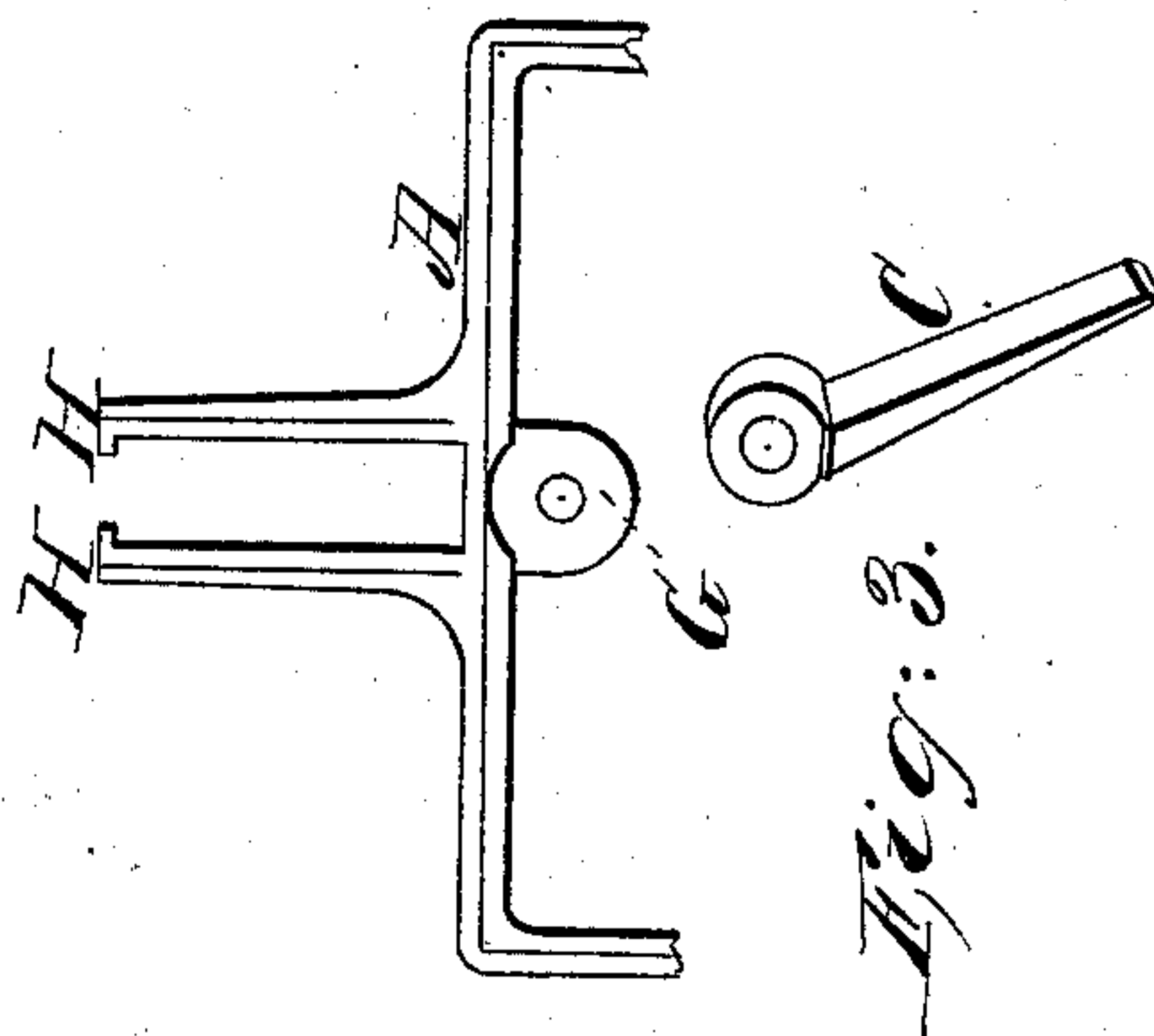
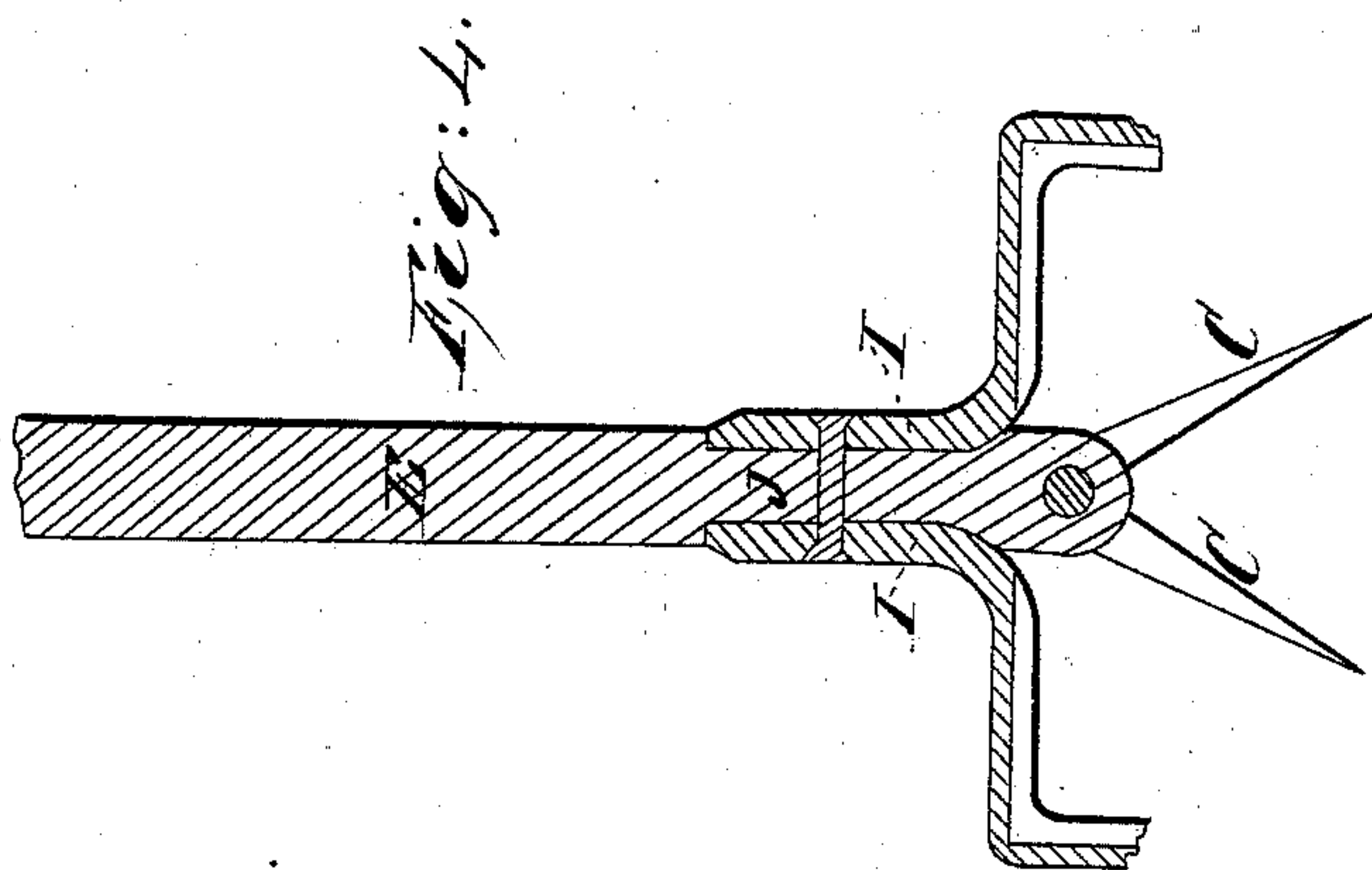


*J. S. Harris,  
Map Holder.*

*N<sup>o</sup> 39,730.*

*Patented Sep. 1, 1863.*



*Witnesses:*

*J. D. Dewey  
E. S. Dewey*

*Inventor:*

*James S. Harris*

# UNITED STATES PATENT OFFICE.

JAMES S. HARRIS, OF POULTNEY, VERMONT.

## IMPROVED MOP-HEAD.

Specification forming part of Letters Patent No. **39,730**, dated September 1, 1863; antedated December 17, 1862.

*To all whom it may concern:*

Be it known that I, JAMES S. HARRIS, of Poultney, in the county of Rutland and State of Vermont, have invented a new and Improved Mode of Constructing Mop-Heads; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and the letters of reference marked thereon as a part of this specification.

Figure 1 is a perspective view when composed of cast-iron. Figs. 2 and 3 are sections thereof. Fig. 4 is a sectional view of a wrought-iron mop-frame, showing the mode of attaching the same to the handle and hinging the levers C C to the handle.

In general, I compose the frame of cast-iron, and it may be constructed in any required form. The pressure-plate B, Fig. 1, is grooved at its ends so as to fit the frame A, and should be closely fitted. It is also indented upon its upper side so as to receive the ends of the levers C C in the process of pressing, so as to hold the force required to fasten the mop to the frame A. I hang the mop or cloth upon the stationary frame A, and the pressure-plate B is slid down upon the mop. The flange G, Fig. 2, is a projection of one-half inch, and is the fulcrum upon which the levers C C are hinged and turn. The circular ends of the levers C C are drilled and placed each side of the flange G and confined by a pin, as shown in Figs. 1 and 2.

These levers are pressed together by the thumb and finger, and should be of the length required (when turned together) to force the mop firmly against the frame A. This device holds the mop securely. The shanks H H are two inches in length, and have one or more pointed projections upon their inner sides and upper ends, which are set into the handle, as shown in Fig. 2. The handle E is grooved to receive the shanks, and also indented to receive the points 2 2, and if required the shanks may be also secured by staples or by any other equivalent device; and when thus constructed the device is comparatively simple, cheap, and durable, and obviates the objections to the movable mop-holder constructed outside the frame and operated by ratchet or screw, which soon wears and loosens by use, and fails to hold the mop as required.

I claim as new and of my invention—

The arrangement of the levers C C, in connection with the pressure-plate B and of the frame A operating in the manner and for the purpose specified.

In witness that the above is a true specification of my improvement I have hereunto set my hand this 4th day of December, A. D. 1861.

JAMES S. HARRIS.

Witnesses:

T. D. DEWEY,  
E. S. DEWEY.