

I. F. HOYT.
Shipper-Levers.

No. 149,129.

Patented March 31, 1874.

Fig. 1.

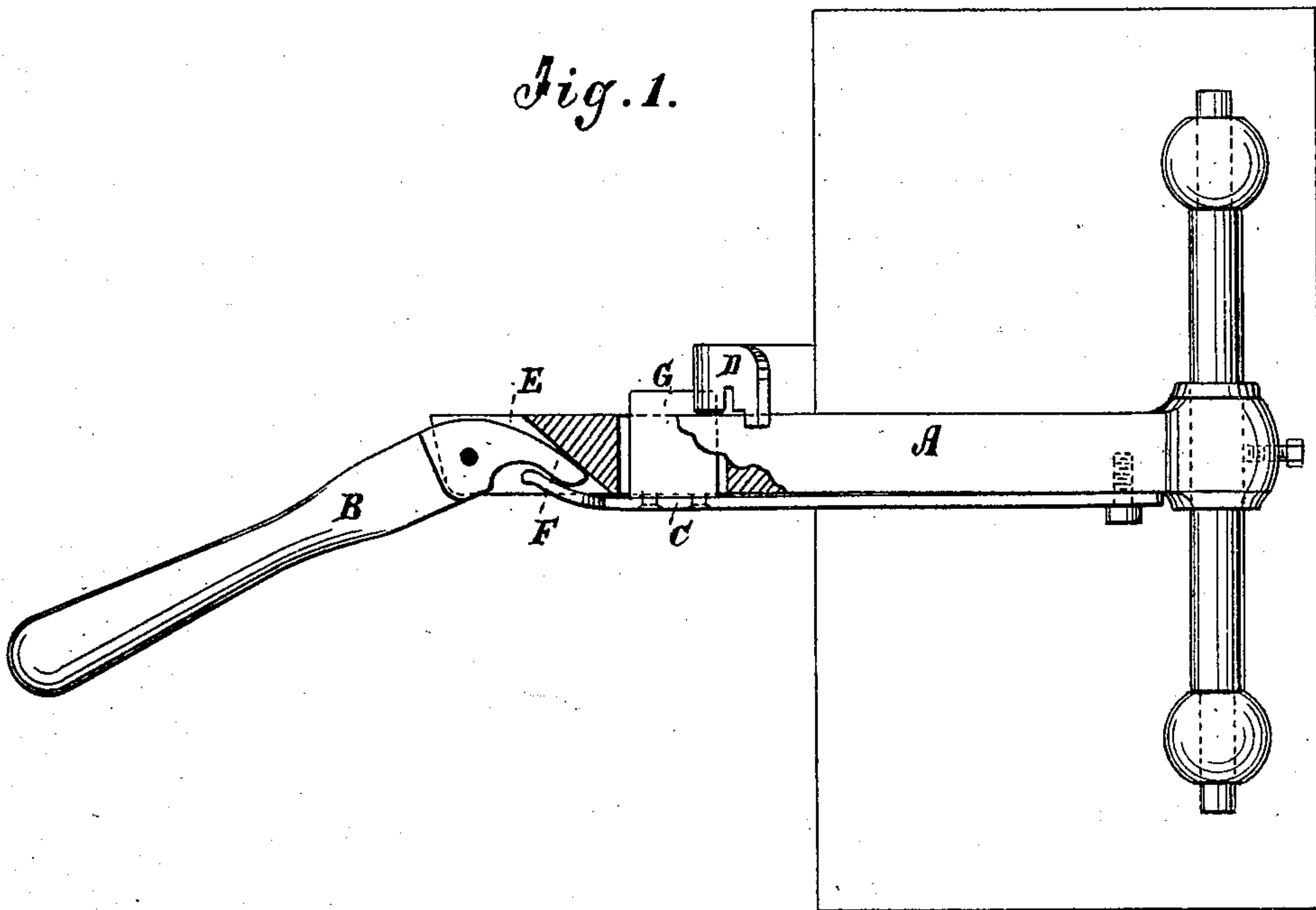
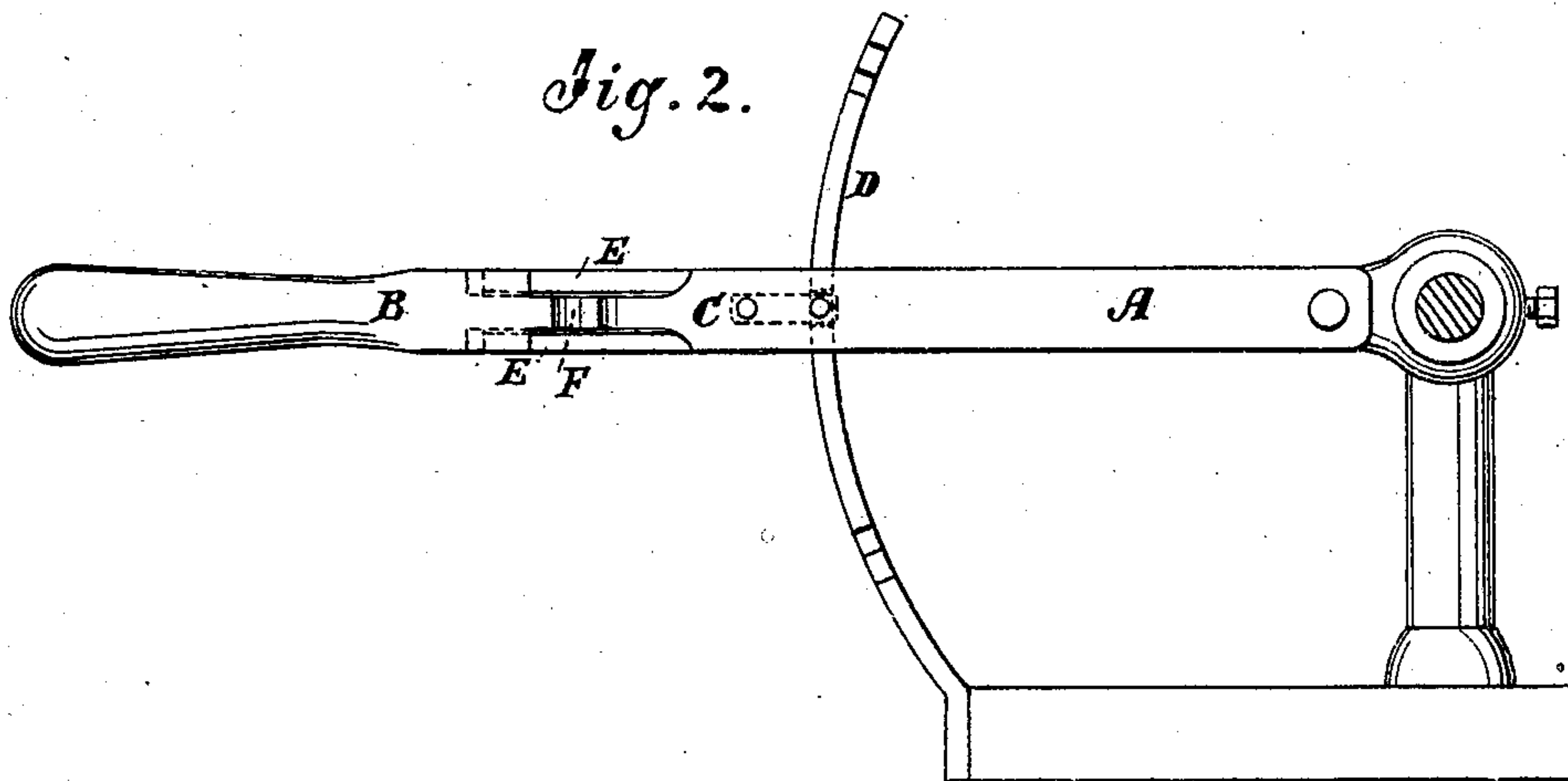


Fig. 2.



WITNESSES:

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BY

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ATTORNEYS.

UNITED STATES PATENT OFFICE.

ISAAC F. HOYT, OF GLENVILLE, CONNECTICUT, ASSIGNOR TO HIMSELF AND
J. R. PILLING, OF SAME PLACE.

IMPROVEMENT IN SHIPPER-LEVERS.

Specification forming part of Letters Patent No. **149,129**, dated March 31, 1874; application filed
March 7, 1874.

To all whom it may concern:

Be it known that I, ISAAC F. HOYT, of Glenville, in the county of Fairfield and State of Connecticut, have invented a new and Improved Shipper-Lever, of which the following is a specification:

My invention consists of the handle portion of the lever jointed to the main portion, and provided with a curved extension beyond the joint in a slot in the other portion, which raises the spring-catch out of the notches of the quadrant-bar, when the handle, after being taken in hand by the operator, is turned into line with the principal part of the lever for handling it.

Figure 1 is partly a plan view and partly a horizontal section of my improved shipper-lever, and Fig. 2 is a side elevation.

Similar letters of reference indicate corresponding parts.

A is the principal portion of the shipper-lever. B is the handle portion; C, the spring-catch, and D the notched quadrant-bar for holding the lever by the spring-catch. The handle portion B of the lever is pivoted to the

end of part A, in a slot, E, and has a curved projection, F, extending a short distance along said slot under the end of the spring C, which is attached to the side of the part A of the lever, and at its end bends into the slot a little. The spring presses on the point F, and throws handle B a little out of line with part A, when it is free to press the bit C into the notches. When the shipper is to be moved, the handle is turned into line with part A, and thereby it disconnects the spring-catch from the bar D.

This is a cheaper and simpler arrangement than the ordinary catch and trip-lever attachment to shipper-levers.

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

The handle portion B of a shipper-lever, constructed and jointed to the portion A, in combination with the spring-catch C, substantially as specified.

ISAAC F. HOYT.

Witnesses:

JOSHUA S. MOSHER,
SOLOMON REYNOLDS.