

B. BURY.

Loom-Picker Stick-Checks.

No. 149,099.

Patented March 31, 1874.

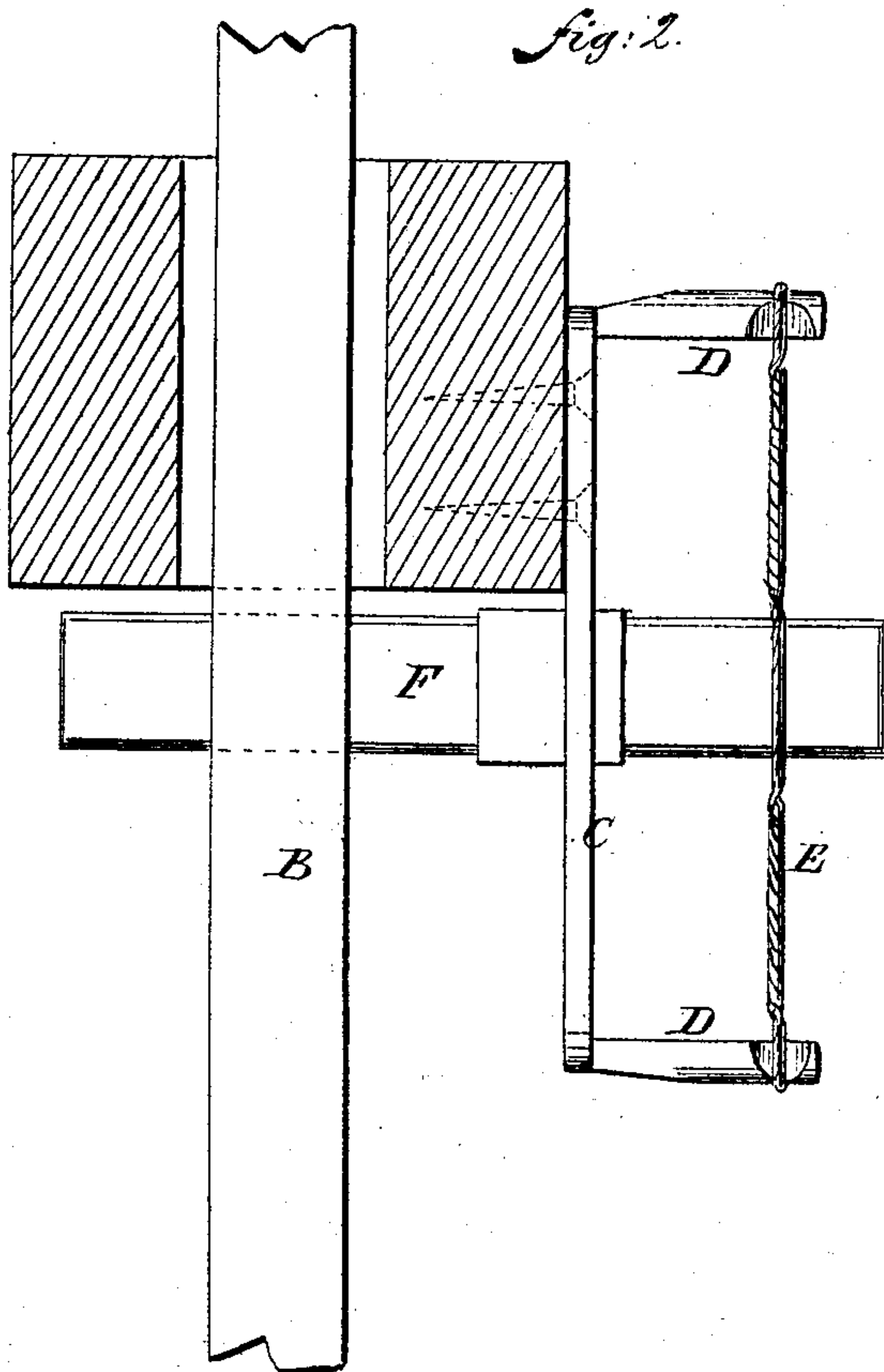
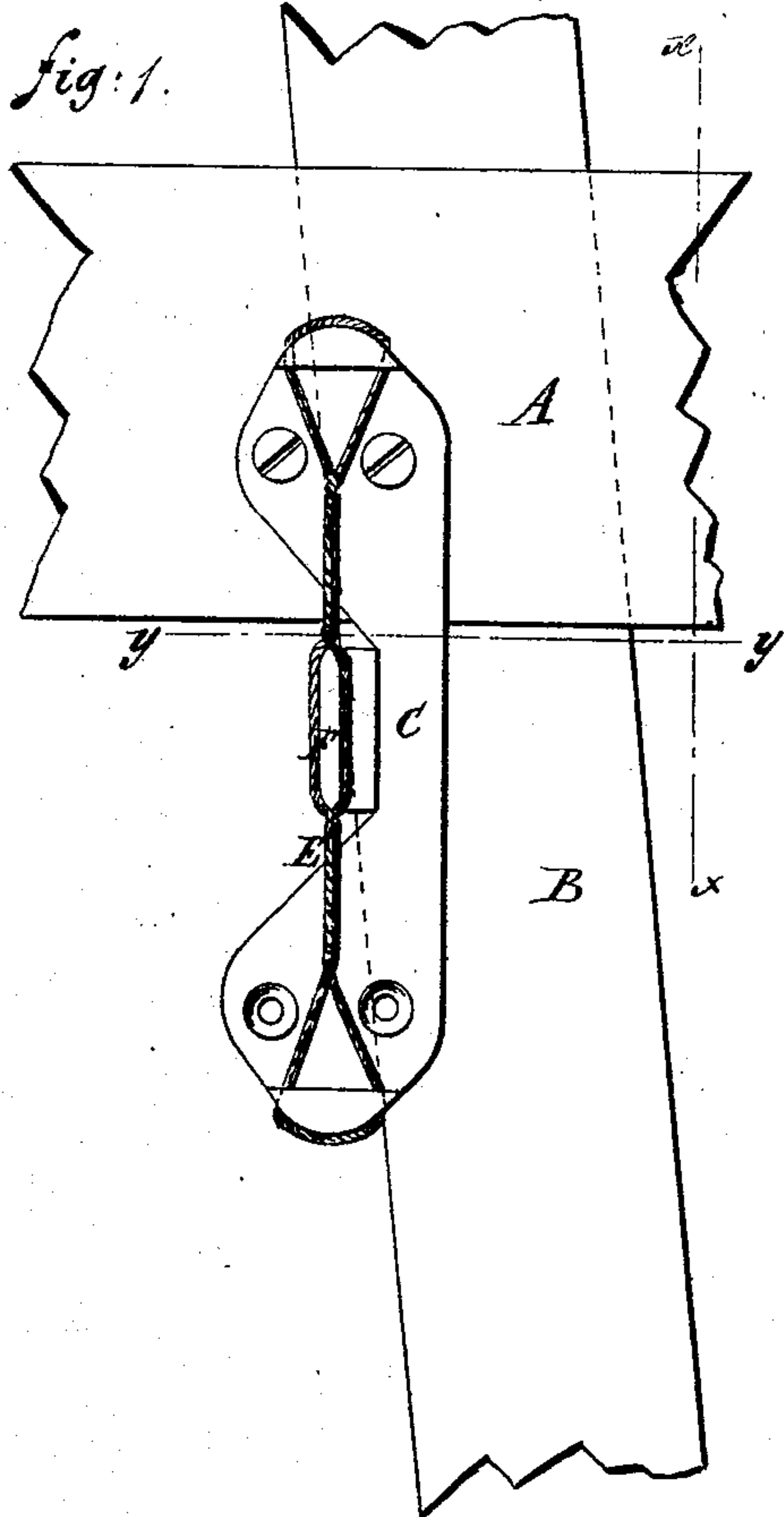
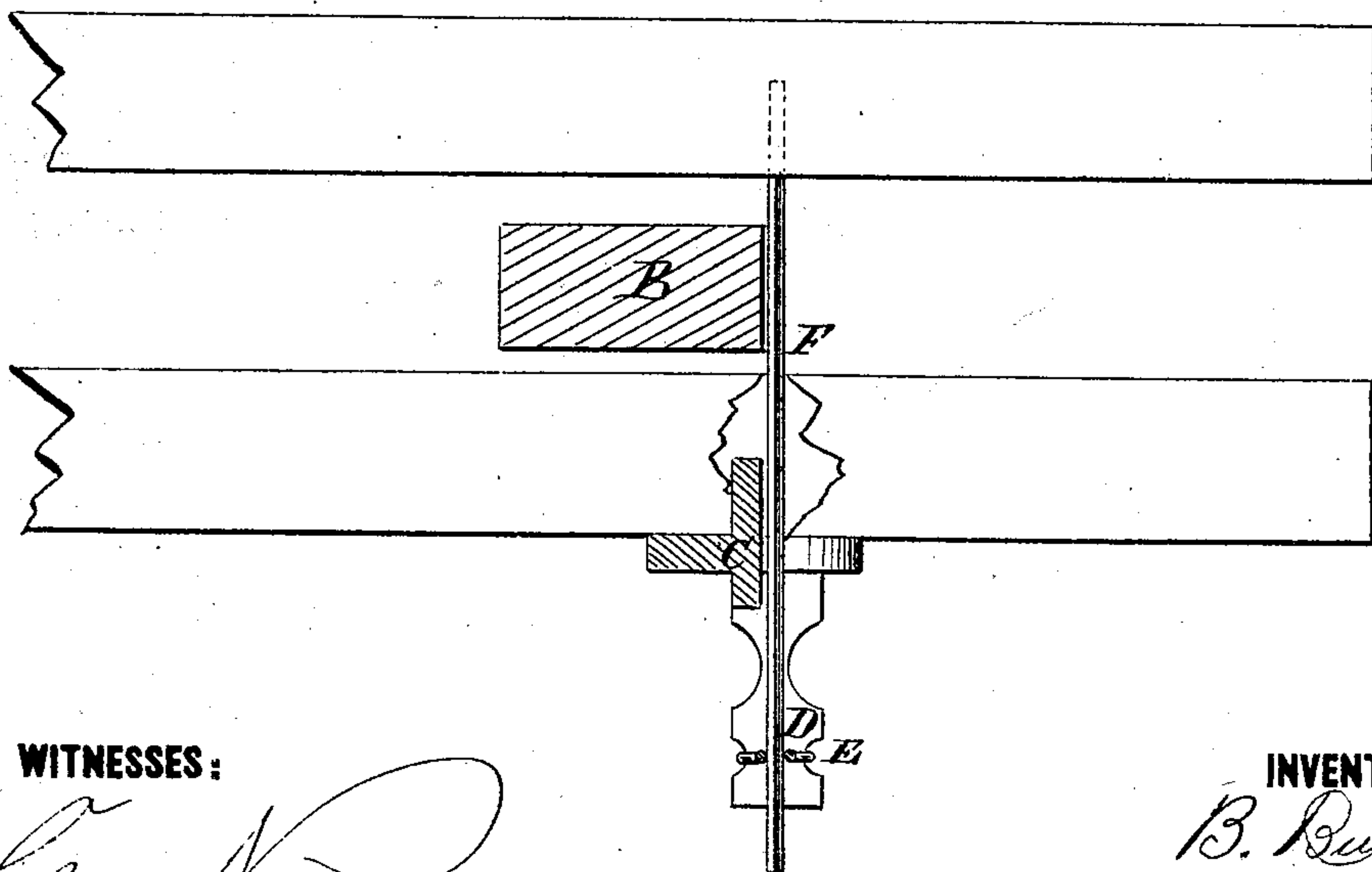


fig: 3.



WITNESSES:

Chas. Nida
Pedgwick

INVENTOR:

B. Bury
BY *Wm. L.*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

BENJAMIN BURY, OF FALL RIVER, MASSACHUSETTS.

IMPROVEMENT IN LOOM-PICKER STICK-CHECKS.

Specification forming part of Letters Patent No. **149,099**, dated March 31, 1874; application filed March 7, 1874.

To all whom it may concern:

Be it known that I, BENJAMIN BURY, of Fall River, in the county of Bristol and State of Massachusetts, have invented a new and useful Improvement in Check Motion for Looms, of which the following is a specification:

This invention relates to looms for weaving cotton, and consists in a new and improved device for checking and stopping the picker-staff.

Figure 1 is a front view, showing the check-spring attached to the loom. Fig. 2 is a vertical section looking to the left from the line *xx* of Fig. 1. Fig. 3 is a top view looking down from the line *yy* of Fig. 1.

Similar letters of reference indicate corresponding parts.

A is the shuttle-beam of the loom. B is the picker-staff which serves to throw the shuttle back and forth. C is a metallic plate, having two arms, D D. This plate is attached permanently to the beam at the end of the shuttle-box by means of screws, as seen in

the drawing. To the arms E a double cord, E, is attached. F is the check-bar, which is passed between the two cords E, by means of which the cord is twisted, as seen in the drawing, to any desired degree of tension, thereby forming a perfect and durable spring, the action of which is imparted to the picker-staff by the bar F. The bar crosses the picker-staff slot so as to catch and stop the staff about one and a half inches before it gets to the end of the slot. This is a positive check, cheap and durable, and easily repaired when out of order.

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

The picker-check mechanism, consisting of the plate C, arms D, cord E, and bar F, in combination with a loom, substantially as and for the purpose described.

BENJAMIN BURY.

Witnesses: .

T. B. MOSHER,
H. N. TAFT.