

S. MORTIMER.
Loom-Pickers.

No. 155,199.

Patented Sept. 22, 1874.

Fig. 1.

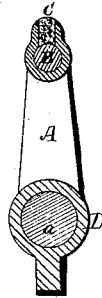
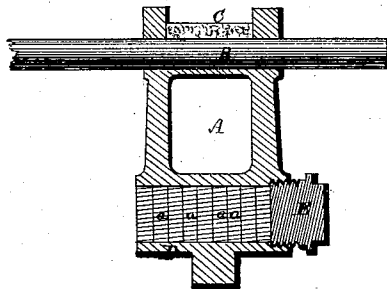


Fig. 2.



WITNESSES.

Francis E. Fayou.
W. E. Boardman

Samuel Mortimer,
H. Curtis. Atty.

UNITED STATES PATENT OFFICE.

SAMUEL MORTIMER, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO HIMSELF
AND WILLIAM T. HARRINGTON, OF SAME PLACE.

IMPROVEMENT IN LOOM-PICKERS.

Specification forming part of Letters Patent No. **155,199**, dated September 22, 1874; application filed
July 14, 1874.

To all whom it may concern:

Be it known that I, SAMUEL MORTIMER, of Boston, Suffolk county, Massachusetts, have invented an Improvement in Pickers or Shuttle-Drivers, of which the following is a specification:

The drawings accompanying this specification represent, in Figure 1 a transverse, and in Fig. 2 a longitudinal, section of the upper portion or head of a picker-staff embodying my improvements.

In these drawings, A represents the upper portion or metallic head of a picker-staff, the horizontal spindle or guide upon which it plays being shown at B. The head A, over the spindle or guide B, has a slot, C, filled with cotton-waste or other absorbent of lubricants, for lubricating the spindle and bearing.

This arrangement prevents waste of lubricant, and lessens liability of damaging the cloth by the spattering of the oil.

The lower portion, D, of the head A is tubular, and serves to receive the picker or shuttle-driver, whether of rawhide, leather, or other material, the outer end of the chamber D being closed by a screw, E. The portion of the part D that receives the picker-disks is of the same diameter throughout, and extends as far as the front of the head.

The picker I prefer to employ in the form of disks or wafers *a a*, &c., of a diameter to fill such chamber; and when one becomes worn or injured I remove it from the front of the head without disturbing the position of the remaining ones, and place it in rear of the others, and between them and the screw E. This screw serves to advance the body of wafers, or to regulate their position within the chamber; and, in lieu of being a male screw, to enter the chamber, it may be a tubular cap to inclose the end of the chamber, in order that the latter may be of uniform diameter throughout. I am thus enabled to replace a worn picker with ease and celerity, while, by inclosing it within a metallic box or case, its durability is greatly enhanced.

I claim—

The picker-head, formed with chamber D, extending through it from end to end, of equal diameter throughout, and provided with screw-plug E, which closes the rear of said chamber, and is adapted to operate on the picker-disks therein, as shown and set forth.

SAMUEL MORTIMER.

Witnesses:

WILLIAM T. HARRINGTON,
W. E. BOARDMAN.