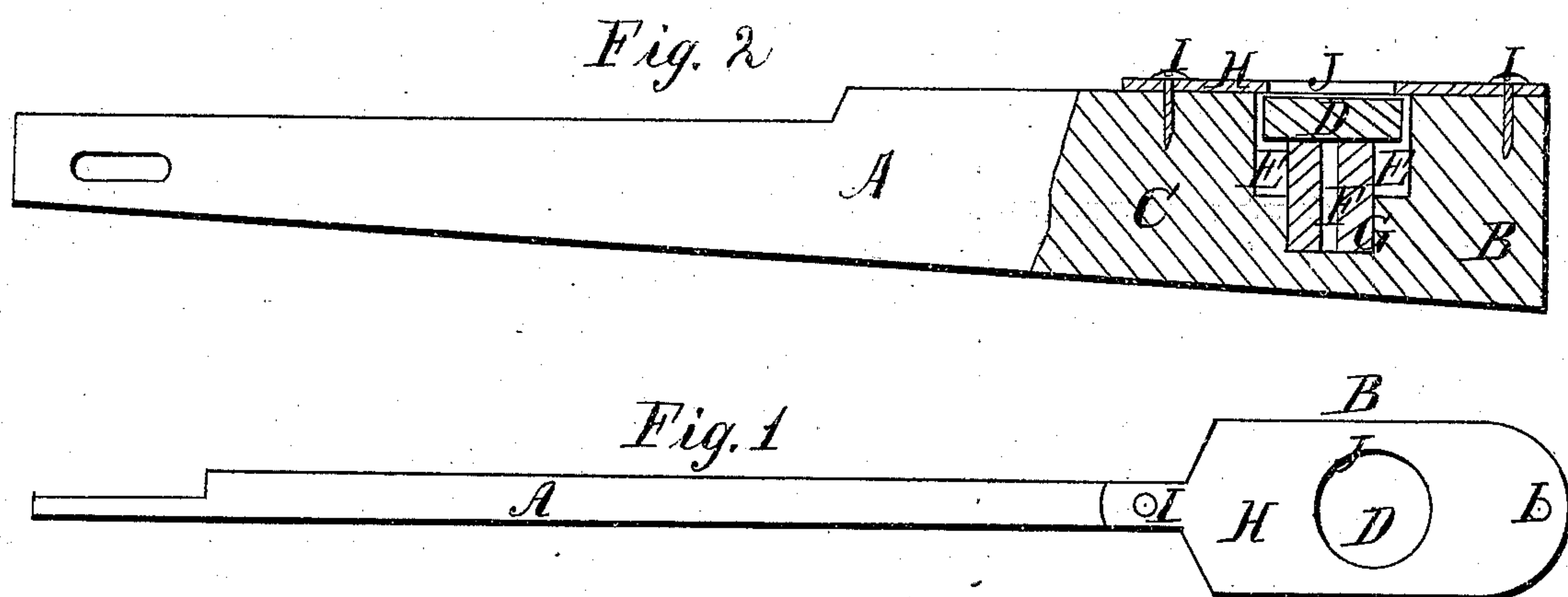


Card & Andrew Loom Picker

N^o 70,164.

Patented Oct. 29, 1867.



Inventor

H & Card
P Andrew
Per Munnick
Attorneys

Witnesses

Thos Tucker
J D. Harker

United States Patent Office.

WILLIAM E. CARD AND PARDON ANDREWS, OF PHOENIX, RHODE ISLAND.

Letters Patent No. 70,164, dated October 29, 1867.

IMPROVEMENT IN PICKERS FOR LOOMS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that we, WILLIAM E. CARD and PARDON ANDREWS, of Phoenix, in the county of Kent, and State of Rhode Island, have invented a new and improved Picker and Staff combined; and we do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a face view of the combined picker and staff, and

Figure 2 an edge view of the staff, with the end where the picker is located in partial section.

Similar letters of reference indicate corresponding parts.

The present invention consists, first, in the combination of the picker-staff, having recesses of unequal diameters in its end, the loose pad and elastic cushion placed in said recesses, and held in place by a metallic plate, as hereinafter more fully described; second, in so securing the leather or other picker-pad within the staff as to allow a side or lateral play or motion thereto, whereby it is enabled the more perfectly to obtain its own centre of action as it strikes against the shuttle for driving it.

A, in the drawings, represents the staff, having located at its end B the picker C. This picker C consists of a leather or other suitable pad, D, that is inserted in a recess, E, of the staff, resting by its inner end against an India-rubber cushion, F, placed within the inner portion G of the said recess E. The portion of the recess E containing the pad D is somewhat larger in diameter than the pad, so as to allow a side or lateral play or motion thereto, and within such recess the pad is held by means of a plate, H, fastened with screws I to the staff. This plate H has a hole, J, in it to expose the surface of the pad D.

From the above detail description of our improved staff and picker combined, it is plainly manifest that the several features and advantages hereinbefore stated are secured. In lieu of the rubber cushion F, other forms of elastic cushions may be used, as, for instance, a coiled spring; the same result effected.

We claim as new, and desire to secure by Letters Patent—

1. The combination of the staff A, having recesses E G of unequal diameters in its end B, the loose pad D, elastic cushion F, and plate J, constructed as herein described and for the purpose specified.
2. So securing the pad in the staff as to have a side or lateral play, substantially as and for the purpose set forth.

WILLIAM E. CARD,
PARDON ANDREWS.

Witnesses:

WILLIAM JOHNSON,
CHARLES A. FINKE.