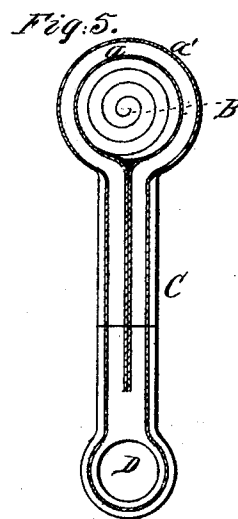
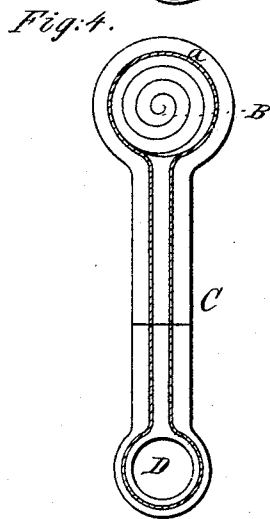
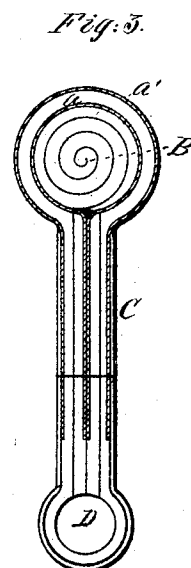
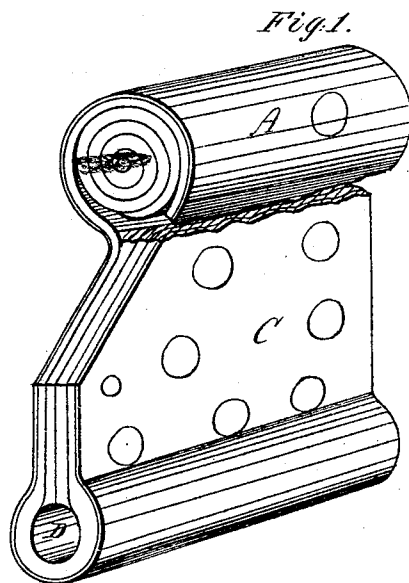
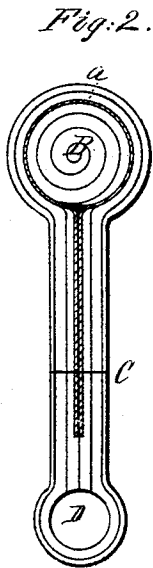


W. TAYLOR.

Pickers for Looms.

No. 135,253.

Patented Jan. 28, 1873.



Witnesses

Wm. H. Gutteridge
E. R. Chase

Inventor

William Taylor

UNITED STATES PATENT OFFICE.

WILLIAM TAYLOR, OF MAYNARD, MASSACHUSETTS, ASSIGNOR OF ONE-HALF
HIS RIGHT TO WILLIAM MAYNARD, OF SAME PLACE.

IMPROVEMENT IN PICKERS FOR LOOMS.

Specification forming part of Letters Patent No. 135,253, dated January 28, 1873.

To all whom it may concern:

Be it known that I, WILLIAM TAYLOR, of Maynard, in the county of Middlesex and State of Massachusetts, have invented certain Improvements in Pickers for Looms, of which the following is a specification:

In the drawing, Figure 1 shows, in perspective, one common form of picker, broken by use as they generally break, and the object of my invention is to strengthen pickers at this point; and my invention consists in a picker made in the ordinary way, except that a sheet of metal is incorporated with it to give it greater strength.

Fig. 2 is a plan of my improved picker composed of rawhide secured together with rivets, and made in all respects in the usual way—that is, like Fig. 1—except that a sheet of metal is formed, as shown in the drawing, so as to extend from the plug down into the shank of the picker.

In all the figures *a a'* represent the metal.

Fig. 3 shows a modification of my invention, designed principally to be used in repairing pickers which have been thrown aside.

The upper part A (see Fig. 1) of the worn-out picker is cut off and a sheet of metal, *a*, inserted in the shank of the picker and bent properly to receive the plug B. A sheet of rawhide is also inserted in the shank, and over this metal sheet *a*, and a second sheet of metal, *a'*, over this rawhide sheet, the whole being secured to the shank and spindle hole C and D by rivets in the usual way, as will be plain to all skilled in the art from the drawing. These metal sheets I usually make of about

the same width and shape as the rawhide sheets, only a little narrower to prevent them from projecting so as to be struck by the picker-stick.

In some cases, where the neck or shank is made very strong, the spindle-hole D gives out; and Figs. 4 and 5 show the application of my invention to strengthening the connection between the shank and the sleeve D, which will be plain without further description.

I have shown my invention as applied to one form only, but it is equally applicable, of course, to any other form of picker.

I find that pickers strengthened with metal, as above described, will last over four months, while pickers such as shown in Fig. 1 rarely last as much as two weeks; and my improved picker operates precisely as well in every respect, and costs very little more. I use Russia sheet-iron, but sheet-steel or other tough metal sheets or strips will answer.

I am aware that the use of a metal hoop around the plug is not new, and therefore I disclaim the use of metal generally in connection with rawhide pickers.

What I claim as my invention is—

1. A rawhide picker having its plug connected to its shank, as above described.
2. A rawhide picker having its spindle-sleeve connected to its shank, as above described.

WILLIAM TAYLOR.

Witnesses:

J. E. MAYNADIER,
J. B. SANFORD.