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PICKER FOR PICKER STICKS

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Drawing of a picker for picker sticks with labeled components.
This invention relates to pickers for loom picker sticks.

These pickers are ordinarily constructed of a leather band or strip which is formed by folding the leather to constitute a rectangular body, this being driven down upon the picker stick and fastened by screws or other suitable means. These pickers are hard to make, relatively expensive, and last but a very short time.

The general object of the present invention is to provide a device of this character which is inexpensive and in which small sections of leather which would otherwise be scrapped may be utilized.

A further object is to provide a picker which may be readily put in place upon the picker stick or removed therefrom and which will last a relatively long time, and in which the leather sections may be readily renewed from time to time as desired.

My invention is illustrated in the accompanying drawing, wherein:

Figure 1 is a perspective view of the upper portion of a picker stick with my improvement applied thereto;

Figure 2 is a vertical sectional view through the picker and showing the stick in elevation;

Figure 3 is a section on the line 3—3 of Figure 2;

Figure 4 is a vertical section on the line 4—4 of Figure 2;

Referring to the drawing, A designates the picker stick of a loom and 10 an approximately rectangular casing of metal having a front wall 11 formed with an opening 12, the margins of the opening being beveled, as at 13. The side walls 14 may be either imperforate or perforate and if they are perforate, as shown in Figure 1, it is simply for the purpose of making the casing 10 lighter. The rear wall 15 is formed with a centrally disposed aperture for the passage of the screw 16. The top and bottom walls 17 and 18 are formed with registering apertures 20 through which the picker stick passes.

Disposed within the casing 10 and between the inwardly turned flange or front wall 11 of the casing and the picker stick A are a series of leather disks 21 disposed one against the other, as illustrated in Figures 2 and 3. In order to cause the device to fit upon a picker stick and hold thereon, I provide the laterally disposed shims 22, the upper and lower ends of which are outwardly flanged, as at 23. After the leather disks 21 are disposed in place, these shims are put in place and the upper and lower outwardly turned ends 23 are engaged with the recesses 24 formed in the side walls 14, as shown in Figure 1. The device is then placed upon the picker stick and driven down thereon, the contour of the picker stick acting to compress the disks toward the flange 15 and then the picker is held in place by means of the screws 16.

The casing is formed of aluminum or like material and is relatively light and, therefore, no additional weight is given to the picker stick, or in other words the picker has the same weight as the ordinary picker. When the impact of the picker against the shuttle of the loom has worn away or broken the first disk to an extent which renders a change necessary, then the device may be readily taken off the picker stick and either a new picker put thereon or the leather disks may be withdrawn and interchanged so as to bring a fresh leather disk toward the opening 12. By this means great economy is effected in pickers, scrap leather may be used, and time saved which would ordinarily be spent in changing pickers.

I claim:

1. A picker for picker sticks comprising a casing having sides, a front, top and bottom, the front having an aperture, the top and bottom having registering apertures for the passage of the picker stick having a width equal to the sides of the casing, shims having interlocking engagement with the side walls and disposed on the inside faces of these side walls and adapted to engage the picker stick and leather disks or layers disposed between the front wall and the picker stick and each having a width equal to the distance between the inside faces of the sides, said disks bearing against the picker stick and against the front edges of the shims.

2. As an article of manufacture, a picker for picker sticks comprising a rectangular casing having a top, a bottom, two side walls, a front wall and a back wall, the front wall having an aperture therein and the top and bottom walls adjacent the rear wall having aligning apertures for the passage of the picker stick and having a width equal to the distance between the inside faces of the side walls, shims having out-
wardly turned flanges at their upper and lower ends adapted to engage in recesses in the side walls on each side of the picker stick, and leather disks disposed between the front wall and the picker stick and filling said space, said disks having a width equal to the distance between the inner faces of the side walls and bearing against the forward edges of the shims, the rear wall of the picker having an aperture for the passage of a screw whereby it may be attached to the picker stick.

In testimony whereof I hereunto affix my signature.

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