

972,641.

E. POOLE.  
LOOM STRAP.  
APPLICATION FILED SEPT. 17, 1908.

Patented Oct. 11, 1910.

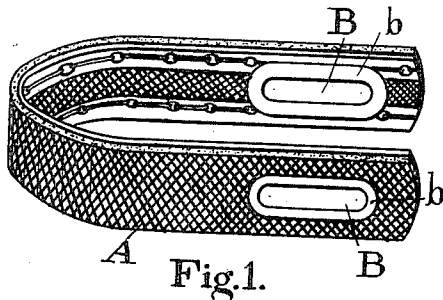


Fig. 1.

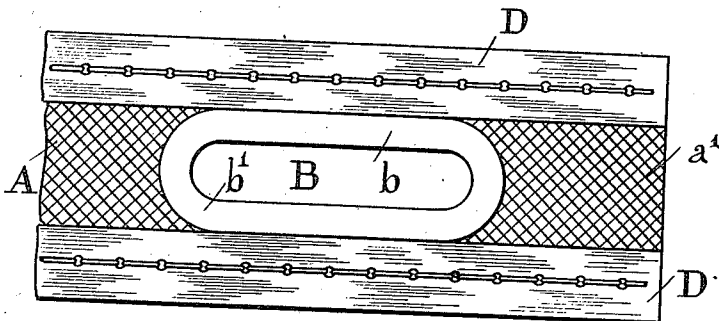


Fig. 2.

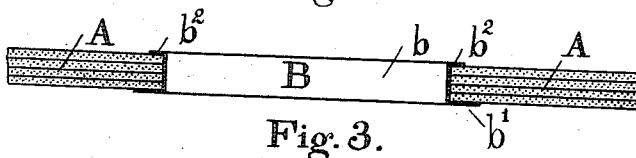


Fig. 3.

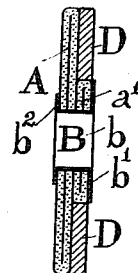


Fig. 4.

WITNESSES.

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INVENTOR.

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# UNITED STATES PATENT OFFICE.

EDWARD POOLE, OF KERSLEY, ENGLAND.

## LOOM-STRAP.

972,641.

Specification of Letters Patent.

Patented Oct. 11, 1910.

Application filed September 17, 1908. Serial No. 453,465.

*To all whom it may concern:*

Be it known that I, EDWARD POOLE, a subject of the King of Great Britain, residing at Kersley, county of Lancaster, England, have invented certain new and useful Improvements in Loom-Straps, of which the following is a specification.

This invention relates to an improved construction of picker bands, check straps, buffer straps and the like for looms of the type formed from textile or woven material or layers of woven material. These bands are conveniently made or woven with the central portion thicker than the edges and strips of leather stitched to the edges to strengthen the edges and prevent them wearing.

The invention will be fully described with reference to the accompanying drawings.

Figure 1 is a perspective view of an improved strap, in accordance with the present invention; Fig. 2 is an enlarged elevation of the end portion of the improved strap; Fig. 3 is a longitudinal sectional view of the same; and Fig. 4 is a transverse sectional view of the same.

The textile part A of the band is built up of a number of layers of fabric which may be arranged to be thicker at its longitudinal central portion  $a'$  as in Figs. 2, 3 and 4, and provided with strips D of leather stitched along the edges on opposite sides of the thickened portion. The textile band A is cut into the desired lengths for picker bands, lug straps, check straps, buffer straps or the like and at both ends slots B are punched and each slot B is armored or protected.

Into each slot B a metallic eyelet  $b$  is inserted and secured therein by being flanged over in position. The metallic eyelet  $b$  is stamped with a flange  $b'$  at one side and after being inserted in the slot B of the fabric the edge  $b^2$  is flanged over as shown.

In the preferred form of construction illustrated in Figs. 2, 3 and 4, sufficient strength is given the textile strap by applying additional folds of textile material in the longitudinal center thereof and fastening to said strap on opposite sides of the thickened portion, strips of leather which increase the usefulness of the strap as their wearing quality is greater than that of the fabric. Further, applying armor around the slots through which the connecting bolt passes for securing the strap to the picker-arm prevents slots from rapid wear or being torn out or unduly enlarged.

What I claim as my invention and desire to protect by Letters Patent is:—

A loom strap made of textile material thickened in its longitudinal center and reinforced by leather strips on each side of its thickened portion, said strap having a slot at each end passing through its thickened portion and an armor surrounding said slots.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

EDWARD POOLE.

Witnesses:

I. OWDEN O'BRIEN,  
HARRY BARNFATHER.