

S. S. WALKER.
Picker for Looms.

No. 221,006.

Patented Oct. 28, 1879.

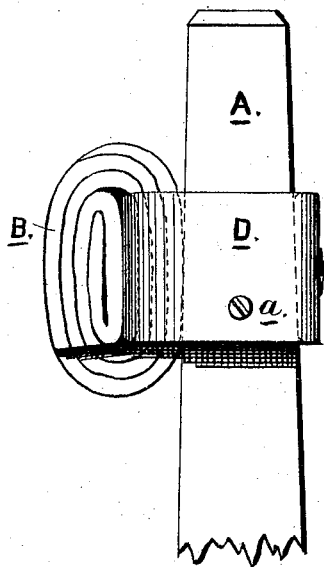


FIG. 1.

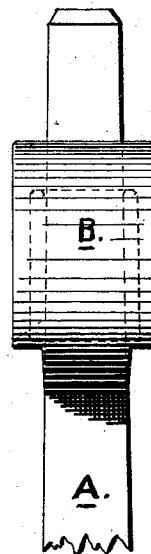


FIG. 2.

WITNESSES.

James E. Arnold
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UNITED STATES PATENT OFFICE.

SAMUEL S. WALKER, OF CENTREVILLE, RHODE ISLAND.

IMPROVEMENT IN PICKERS FOR LOOMS.

Specification forming part of Letters Patent No. **221,006**, dated October 28, 1879; application filed May 14, 1879.

To all whom it may concern:

Be it known that I, SAMUEL S. WALKER, of Centreville, in the county of Kent and State of Rhode Island, have invented a new and useful Improvement in Pickers for Looms, of which the following is a full and correct description, reference being had to the accompanying drawings, forming part of this specification.

In the drawings, Figure 1 shows an elevation on the side toward the front of the loom. Fig. 2 shows the side toward the shuttle when in use.

A is the picker-staff. B is the roll constituting the body of the picker. It consists of a strip of suitable leather, first folded down at the end, a fold of the width of the strap D, and then wound three times around that strap and the end pegged to the body of the picker or otherwise suitably fastened.

The roll is made short or small to secure the advantage of the elasticity of the leather coils and to lessen the amount of stock; also, that the picker may be light. The strap D, that passes through the picker, has its outer ends riveted together, and is passed over the end of the staff, and fastened to it by a nail or screw at *a*.

That part of the picker below the level of the lower edge of the strap D is cut away to the same thickness as the staff, so as to enter the slot in the lathe, and the folds of the picker that come between the strap and the picker-staff are cut away in like manner.

The folds of leather may be cemented together when the roll is made or not, as may be deemed best.

This mode of construction makes a light springy picker without rivets to injure the point of the shuttle, and one that will not come to pieces even if the shuttle-point cuts through to the picker-staff. It is also easily made, and takes but little stock.

Having thus described my improvement, what I claim as my invention, and desire to secure by Letters Patent, is—

A picker constructed of a short roll of leather or hide and having a strap, to fasten it to the picker-staff, passing through said roll at or near its center, substantially as and for the purpose set forth.

SAMUEL S. WALKER.

Witnesses:

JAMES E. ARNOLD,
FRANK H. ARNOLD.