

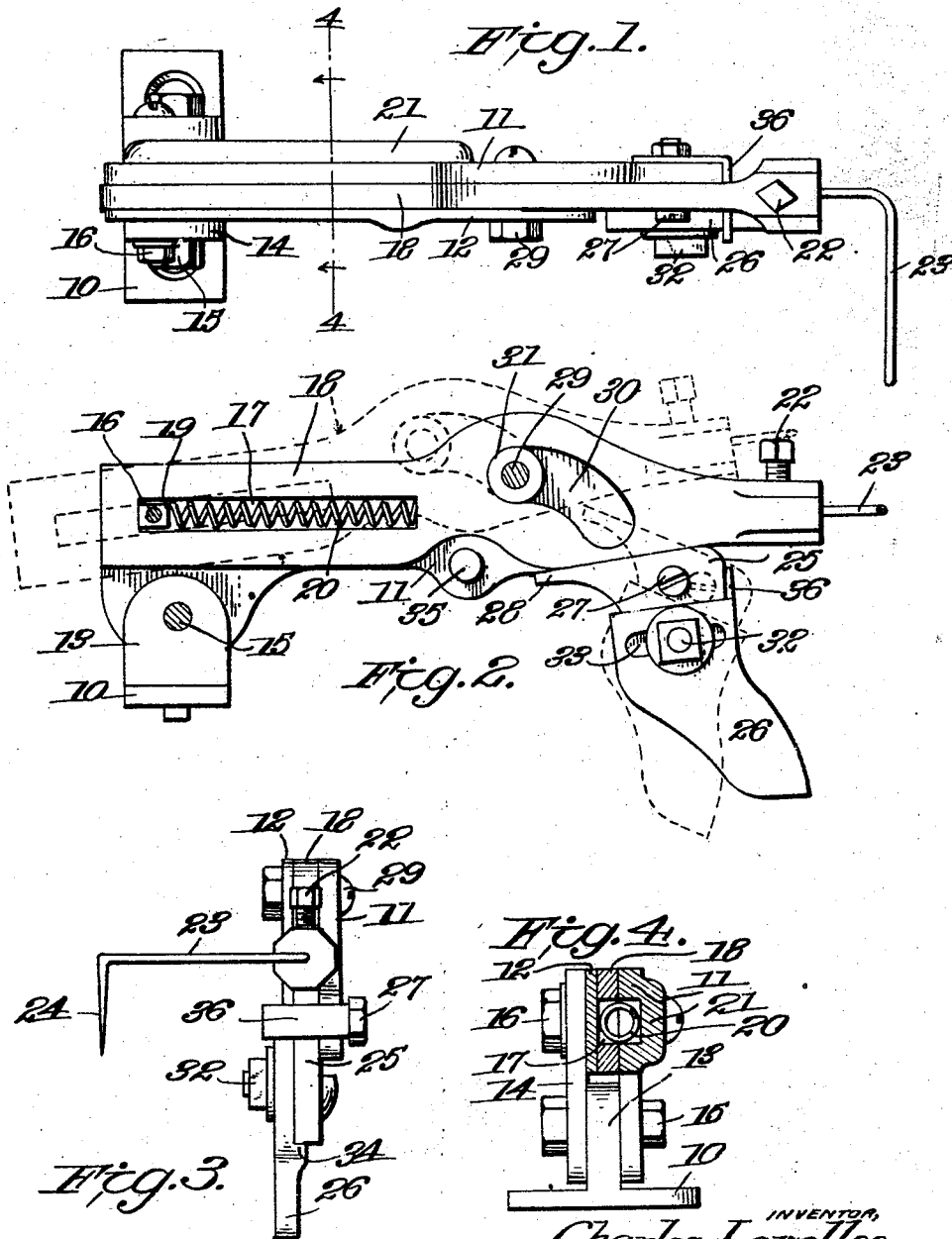
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SELVAGE LOOP RETAINER

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SELVAGE LOOP RETAINER.

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To all whom it may concern:

Be it known that CHARLES LAVALLEE, citizen of the United States, residing at Newmarket, in the county of Rockingham and State of New Hampshire, has invented certain new and useful Improvements in Selvage Loop Retainers, of which the following is a specification.

This invention relates to a filling holder for use on looms, particularly when weaving filling spots or any cloth needing a device for holding the filling.

A particular object is to provide a novel construction in which a filler normally rests in the selvage of the cloth, but is displaceable by the lay of the loom so as to avoid interference with and damage to the reed of the loom.

Additional objects and advantages will be partly pointed out or become apparent from a consideration of the description following of one operative embodiment taken in connection with accompanying drawings wherein:

Figure 1 is a plan view of the device;

Figure 2 is a side elevation thereof but with one side plate removed to disclose details;

Figure 3 is a front end elevation and

Figure 4 is a section taken on a line 4—4 of Figure 1.

Referring specifically to the drawings, 10 designates a bracket by means of which the device may be removably bolted or fastened to a loom. A body consisting for example of spaced side plates 11 and 12 is provided, the former bearing against one side of a lug 13 of bracket 10. A cleat 14 engages the other side of lug 13. Said cleat 14 and plate 11 are fastened rigidly but removably and adjustably to lug 13 by a bolt 15. A bolt 16 passes through plates 11 and 12 and cleat 14 and also through an elongated slot 17 of a displaceable holder 18. Bolt 16 removably disposes a block 19 of less width than slot 17 in the latter to constitute an abutment for an expansive return spring 20 which urges the holder 18 to forward or operative position as shown in full lines. Plate 11 is laterally offset at 21 to provide a larger chamber for the spring 20.

At the forward end, by means of a screw 22, a finger or retainer 23 of suitable shape to engage the selvage at a depending terminal 24 is provided.

The lay beam of the loom is adapted to

strike a lever 25 at a nose 26. Lever 25 is pivoted as by a bolt 27 to plate 11 and has an extension or lug 28 in contact with the forward portion of holder 18 to displace the latter through rocking of lever 25 from the full to the dotted line position of Figure 2. In its displacing movement, holder 18 is guided by a bolt 29 passed through plates 11 and 14 and an arcuate slot 30 of the holder. A roller 31 is positioned on bolt 29 and in said slot 30 to reduce friction.

Nose 26 is adjustably fastened to lever 25 as by a bolt 32 passing through slots thereof, the slot 33 of the latter being elongated. A rib 34 integral with nose 26 abuts the lower end of lever 25 so that the single bolt 32 will suffice. A spacing lug 35 to engage plate 12 may be formed on plate 11. An L-shaped stop 36 for movement of lever 25 is fastened in place by bolt 27 and engageable by the upper end of nose 26.

In use the parts are adjusted at the different locations particularly bolts 15, 22 and 32 according to the work. Retainer 24 normally engages the selvage of the cloth. The lay beam however strikes nose 26 during the operation of the loom and each time rocks lever 25 so that the end 28 raises the forward end of and rearwardly slides holder 18, the parts thus moving from the full line position to the dotted line position in Figure 2, temporarily so as to disengage feeler 23 from the cloth in order to avoid damage to the reed of the loom. The displacing movement of holder 18 tensions spring 20 so that as the lay beam recedes, the said spring restores the parts from the dotted to the full line position in Fig. 2 so that the point 24 will reengage the selvage.

Various changes may be resorted to within the spirit and scope of the invention.

I claim:

1. A holder device of the class described comprising a selvage-engaging holder, and means engageable by the lay of the loom to displace said holder comprising a lever, a nose adjustably secured to said lever, a rib on the nose engaging the lever, and a stop on the lever engaged by the upper end of the nose.

2. A holder device of the class described having side plates, means to secure said plates to a loom, a selvage-engaging holder having an enlarged guide slot, means on the plates engaging said slot, a return spring engaging the holder, and means carried by the

plates engageable by the lay of a loom to displace the holder.

3. A holder device of the class described having an attaching bracket, side plates secured thereto, a block between said plates, a
5 selvage-engaging holder movable between the side plates, said holder having an elon-

gated slot engaging said block, means in said slot engaging the holder and block to urge the holder to operative position, and means 10 on one of the plates engageable by the lay of a loom to temporarily displace said holder.

In testimony whereof I affix my signature.

CHARLES LAVALLEE.