(No Model.)

J. A. PLATT.

FILLING FORK FOR LOOM STOP MOTIONS.

No. 348,339. Patented Aug. 31, 1886.

Fig. 1.

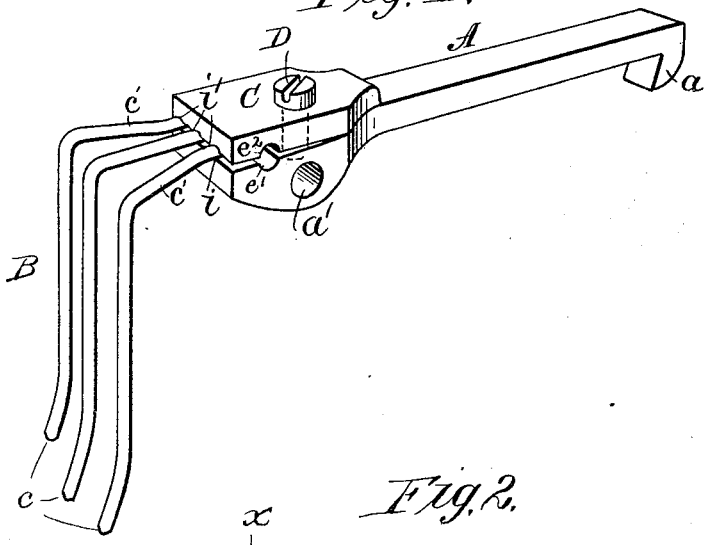


Fig. 2.

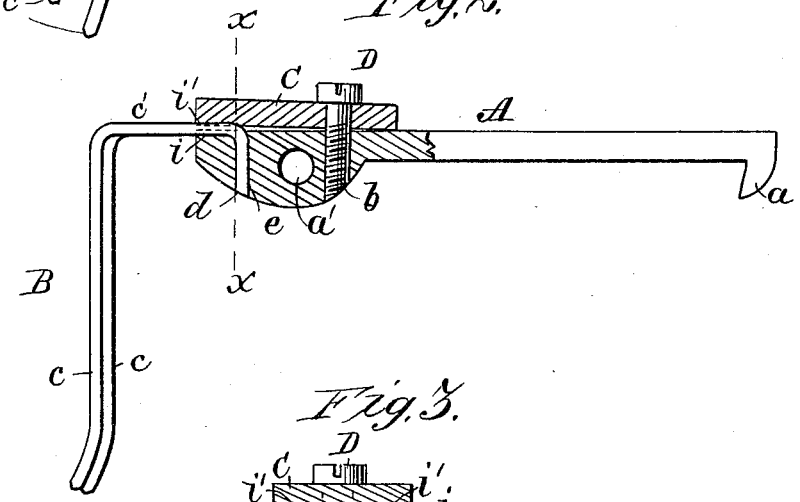
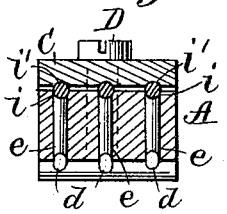


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN A. PLATT, OF LANGLEY, SOUTH CAROLINA, ASSIGNOR TO HIMSELF AND ROLAN W. WHITTAKER, OF SAME PLACE.

FILLING-FORK FOR LOOM STOP-MOTIONS.

SPECIFICATION forming part of Letters Patent No. 348,339, dated August 31, 1886.

Application filed April 15, 1886. Serial No. 198,965. (No model.)

To all whom it may concern:

Be it known that I, JOHN A. PLATT, of Langley, in the county of Aiken and State of South Carolina, have invented a new and Improved Filling-Fork for Loom Stop-Motions, of which the following is a full, clear, and exact description.

The object of my invention is to provide a filling-fork for the stop-motion of looms so constructed that the tines may be taken out for replacing them, if broken, and without removing the fork from the loom; and the invention consists, principally, in making the tines separate from the body of the fork and securing them thereto by a clamp, which may be easily and quickly removed for removing and replacing any or all of the tines.

The invention also consists of the special construction of the fork, all as hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of my new and improved fork. Fig. 2 is a sectional elevation of the same, and Fig. 3 is a transverse sectional elevation taken on the line *x x* of Fig. 2.

The body A of the fork is formed at one end with the hook *a* and at the other with the orifice *a'* in the usual manner. The tines B are made separate from the body A, and are secured thereto by a clamp, C, and screw D, passed through the clamp and screwed into a screw-threaded opening, *b*, made in the body A. The tines B are twice bent to form the main points *c*, the horizontal portions *c'*, and the short arms *d*, which stand parallel, or nearly so, with the main points *c*, and enter orifices *e*, made in the body A, so the tines will be held from lateral movement when the clamp is pressed down upon them. Correspondingly shallow grooves *i i'* are formed in the body A and clamp C, respectively, to form seats for the tines, and in line with the orifices *e*. The body A and clamp C are correspondingly grooved, as shown at *e' e²*, Fig. 1, to insure a better contact of the clamp with the tines; but these grooves may be omitted, if desired.

By constructing the fork as described, by simply removing the clamp C the tines may be removed and replaced, so that in case a tine breaks its place may be supplied with a new one without removing the fork from the loom, and at small cost and without delay.

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

1. The body A, formed with orifices *e*, in combination with the clamp C, screw D, and tines B, bent to form the arms *d*, substantially as described.

2. The body A, formed with the orifices *e* and grooves *i*, in combination with the clamp C, having grooves *i'*, screw D, and tines B, bent to form the short arms *d*, substantially as described.

JOHN A. PLATT.

Witnesses:
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