J. McCAFFREY, Jr.

STOP-MOTION FORK-SLIDE.

No. 191,697. Patented June 5, 1877.

Fig. 1

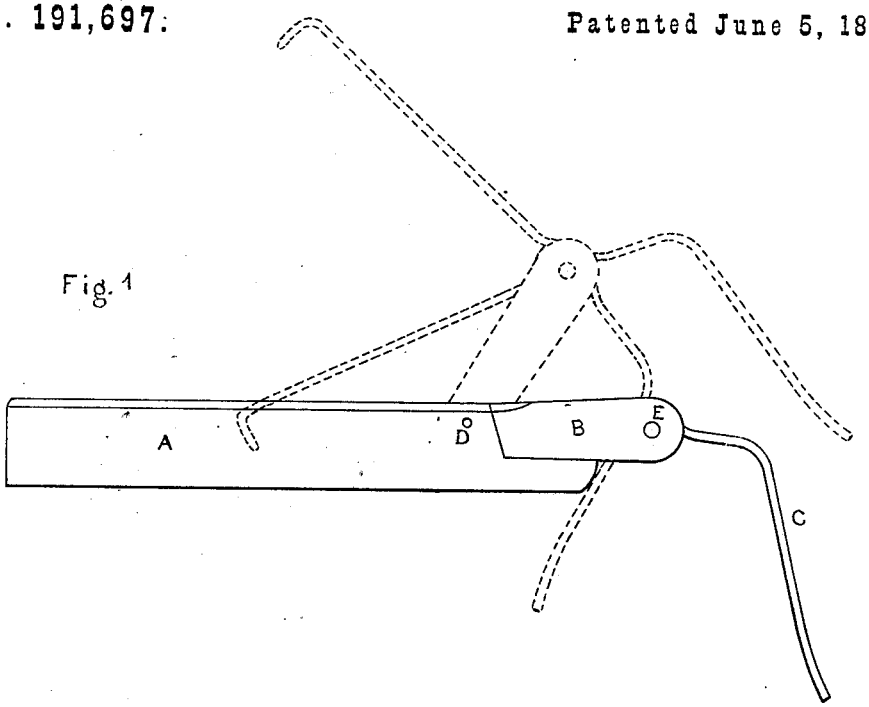
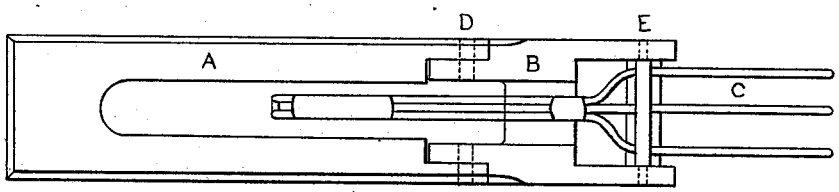


Fig. 2.



WITNESSES;

C. H. Littlefield

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Atty

UNITED STATES PATENT OFFICE.

JOHN McCAFFREY, JR., OF LAWRENCE, MASSACHUSETTS, ASSIGNOR OF ONE-THIRD HIS RIGHT TO SAMUEL M. STEDMAN, OF SAME PLACE.

IMPROVEMENT IN STOP-MOTION-FORK SLIDES.

Specification forming part of Letters Patent No. **191,697**, dated June 5, 1877; application filed September 20, 1876.

To all whom it may concern:

Be it known that I, JOHN McCAFFREY, Jr., of Lawrence, in the county of Essex and Commonwealth of Massachusetts, have invented a new and useful Improvement in Appliances for Holding Stop-Motion Forks, which improvement is fully set forth in the following specification, reference being had to the accompanying drawings.

The object of my invention is to so construct an arm for the purpose of holding a stop-motion fork that, should a shuttle stop or rebound in its course in such a way as to obstruct the free passage of the fork, it will not bend or injure the same, the fork being forced immediately out of the way of all obstructing substances, and, after passing the same, returning to its former position and place, ready for use.

This I accomplish by constructing a slide with an arm or carrier hinged thereto, and pivoting the fork to this arm or carrier.

In the drawings, Figure 1 represents a side view of my invention with the fork in position, the dotted lines showing the same as thrown out of position by obstructing shuttle or other cause; and Fig. 2 a top view of the same, like letters representing the same parts in each of the figures, of which—

A represents a slide; B, an arm or carrier hinged to A, and having a fork pivoted thereto; C, a stop-motion fork pivoted to the arm or carrier B; D, a pin or pivot, and E a pivot passing through the fork.

To use my improved slide, the same is attached to the breast-beam in the ordinary way, the fork then being in position. Should an accident occur—as the stopping or rebounding of a shuttle—the arm or carrier is forced up, carrying the fork with it sufficiently to clear all obstructions, after which the carrier and fork return to position.

Having thus described my invention, I claim—

In a slide or fork carrier, the combination of the slide A, arm or carrier B, pivoted thereto, and the fork C, constructed substantially as shown and described.

JOHN McCAFFREY, JR. [L. S.]

Witnesses:

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