

W. J. FAULKNER.

Tuck-Creases for Sewing-Machines.

No. 143,975.

Patented Oct. 28, 1873.

Fig 1

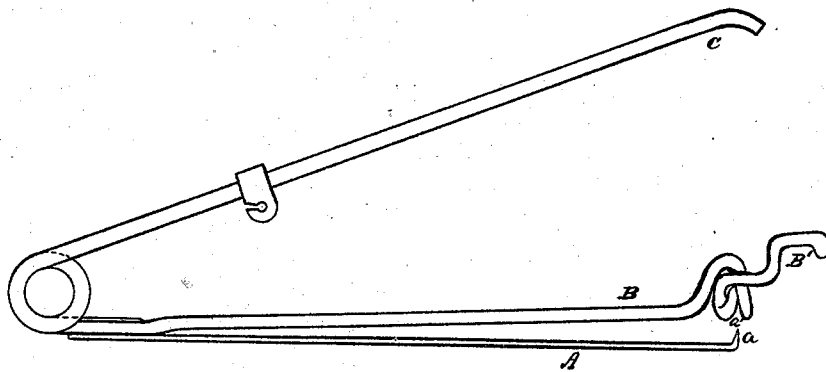
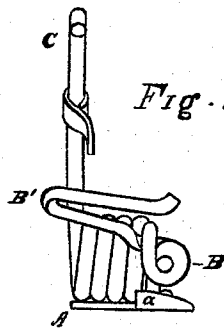


Fig. 2.



WITNESSES.

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IMPROVEMENT IN TUCK-CREASERS FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. 143,975, dated October 23, 1873; application filed May 24, 1873.

To all whom it may concern:

Be it known that I, WILLIAM J. FAULKNER, of Chicago, in the county of Cook and State of Illinois, have invented a new, useful, and Improved Tuck-Marker for Sewing-Machines, of which the following is a full, clear, and exact description, which will enable others skilled in the art to which my invention appertains to make and use the same, reference being had to the accompanying drawing forming a part hereof, and in which—

Figure 1 is a side elevation of my improved tuck-marker, and Fig. 2 a front elevation of the same.

Like letters of reference indicate like parts.

My invention relates to that class of devices employed in connection with sewing-machines for the purpose of readily marking the cloth to indicate the proper position of the fold during the operation of tucking.

The object of my invention is to improve the construction and operation of devices of this class; and to that end it consists in certain novel features, hereinafter fully described and particularly set forth, relating to the construction of the marker.

In the drawing, A represents the bed-plate of the marker. *a* is a thin vertical or nearly vertical blade, projecting upward from the forward part of the bed-plate, and lying longitudinally in the direction in which the cloth moves during the operation of the machine. The upper edge of the blade *a* is sufficiently sharp to make a distinct mark, but not so sharp as to cut the cloth, and it is also slightly inclined or rounded, as shown in Fig. 2, so that the cloth will readily ride upon it without being injured. The bed-plate is provided with an ordinary gage, and is attached to the machine in the usual manner. B is a spring-arm, attached to the rear part of the bed-plate, and extending to or beyond the blade *a*. The forward end of the arm B is coiled, so that an inverted V-shaped space, *a'*, arranged to re-

ceive the blade *a*, will exist between the coils, as shown in Fig. 1. The arm B is then extended so as to form an arm or lever, B', arranged in the manner shown, and for impingement by the spring-arm C, which is actuated by the needle-bar in the usual manner. The natural position of the arm B, when not impinged by the arm C, is such that the space *a'*, which is inclined from the blade *a* toward the arm B', will be slightly above the blade. As the arm B is moved downward the widest part of the space *a'* first laps the cloth, thus folding the latter over the edge of the blade. As soon as the downward movement of the arm B is sufficiently resisted the said arm begins to roll on the cloth, owing to the action of the arm C on the lateral extension B', and thus not only folds the cloth over the edge of the blade, but rubs the cloth and presses it against the lateral faces of the blade until the end of the space *a'* is reached, thus making a distinct crease or mark for the fold or tuck.

It will be perceived from the foregoing description that the marker is at all times adapted to cloths of various thickness.

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

1. A tuck-marker provided with the blade *a*, and with the yielding and rolling arm B provided with the inclined space *a'*, arranged above the blade *a*, and with the lever B' extending laterally from the said arm, substantially as and for the purposes specified.

2. In a tuck-marker the combination and arrangement of the blade *a*, coiled-spring arm B provided with the inclined and inverted V-shaped notch *a'*, and arm or lever B', and arm C, all substantially as and for the purposes specified.

WILLIAM J. FAULKNER.

Witnesses:

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F. F. WARNER.