

R. H. ST. JOHN.  
Sewing-Machine Attachment.

No. 66,185.

Patented June 25, 1867.

Fig. 1.

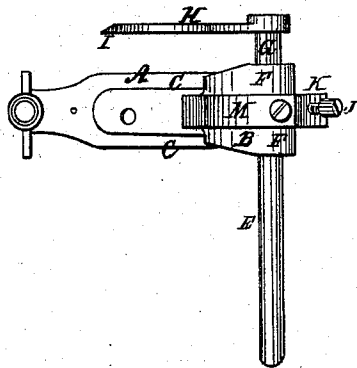
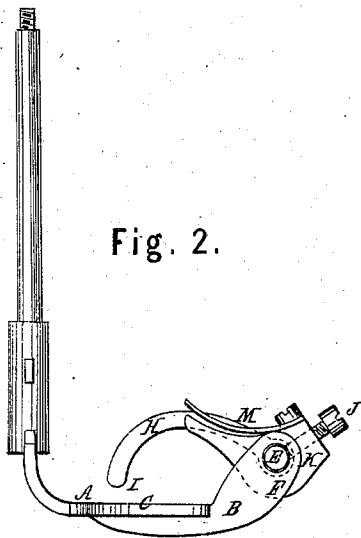


Fig. 2.



Witnesses.

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# United States Patent Office.

R. H. ST. JOHN, OF BELLEFONTAINE, OHIO, ASSIGNOR TO J. W. RUSSELL  
AND D. S. COVERT, OF NEW YORK CITY.

Letters Patent No. 66,185, dated June 25, 1867. •

## IMPROVEMENT IN MARKING-ATTACHMENT FOR SEWING MACHINES.

The Schedule referred to in these Letters Patent and making part of the same.

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, R. H. ST. JOHN, of Bellefontaine, in the county of Logan, and State of Ohio, have invented a new and improved Marker-Attachment to Sewing Machines, for quilting, tucking, etc.; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The present invention relates to an attachment for sewing machines for the purpose of marking the cloth at the points where it is to be folded for tucking, quilting, or for any other purpose, the attachment embraced in the present invention being so attached to the presser-foot or any other suitable part of the sewing machine, and being so constructed as to be operated by the needle-bar, as the needle which it carries passes down through the cloth in a manner as will be hereinafter described, reference being had to the accompanying plate of drawings, in which—

Figure 1 is a plan or top view of the attachment for marking the line of tucks applied to the pressure-foot of a sewing machine, and

Figure 2 a rear elevation of one side of the same.

Similar letters of reference indicate like parts.

A, in the drawings, represents the presser-foot of the sewing machine, to which a holder, B, is attached in any suitable manner, it being shown in the present instance as placed in and between the two prongs or arms C of the presser-foot. This holder B is provided for the attachment of devices constituting the present invention, for marking the line at which the cloth is to be folded to form a tuck in it, or to be quilted, etc. Through the holder B, in a direction at right angles to the length of the presser-foot A, or in other words at right angles to the direction in which the cloth passes through the machine to the needle-bar, extends a horizontal shaft or spindle, E, turning in suitable bearings of the said holder, formed in its two parallel upright arms or pieces F, and provided at one end, G, with a curved arm, H, suitably sharpened at its outer end I, to form a crease or indentation, as it were, in the cloth without cutting or severing or in any other manner injuring its fibres or threads. To the spindle E, between the uprights of the holder, is secured by a set-screw, J, a dog or foot-piece, K, made of a curved shape, and extending over the top of the presser-foot into the same vertical plane as the vertical movement of the needle-bar, so that when such bar is depressed it will strike against the same, and thus through it turn the spindle E to which it is secured sufficiently to bring the marking-arm of such spindle to and down upon the cloth for marking or indenting it.

From the description above it is plainly obvious that as the cloth being sewed passes through the machine the needle-bar, every time it descends to carry its needle through the cloth, acts upon the dog or foot-piece K in the manner explained, thereby causing the said cloth to be at regular points of its length marked, as it were, in a continuous line, or nearly so, parallel to the line of the stitches being made in the cloth, by which line the cloth can be folded to form another tuck in it, when, as it is sewed, the line of the next tuck is similarly indicated, and so on, as long as may be desired, or according to the extent of the cloth.

To adjust the marker to any width of tuck within its extent, it is only necessary to unscrew the set-screw J and slide the spindle through the holder and dog or foot-piece K, either more or less, according as it is desired to mark a wide or narrow tuck upon the cloth, and there secure it by tightening the set-screw J.

To prevent any undue strain upon the tuck-marking attachment by the needle-bar, I have secured to the surface of the dog or foot-piece K, against which the needle-bar acts, a bent spring, M, which spring, in case of any obstruction or for any other cause, yields, as it were, and thus relieves the marking-attachment of any strain without interrupting the downward movement of the needle-bar, as is obvious.

In lieu of attaching the marking device to the presser-foot of the sewing machine, it may be secured to any other suitable portion of the machine so long as it can be operated by the needle-bar in the manner explained. And furthermore, the marking device may be used for other purposes other than marking the line of tucks, as, for instance, for quilting, etc., and therefore I do not intend to limit myself to any one use of the same in connection with a sewing machine.

What I claim as new, and desire to secure by Letters Patent, is—

The spindle E, having dog or foot-piece K, marker H, spring M, screw J, holder B, and presser-foot A, when constructed and arranged as herein set forth for the purpose specified.

The above specification of my invention signed by me this 8th day of October, 1866.

R. H. ST. JOHN.

Witnesses:

WM. F. McNAMARA,  
ALBERT W. BROWN.