

G. REHFUSS.
Sewing-Machine Feed.

No. 61,101.

Patented Jan. 8, 1867.

Fig. 2

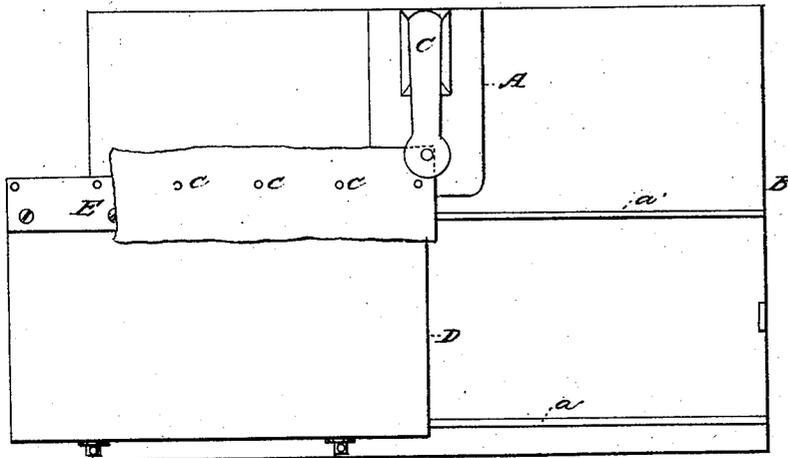


Fig. 1

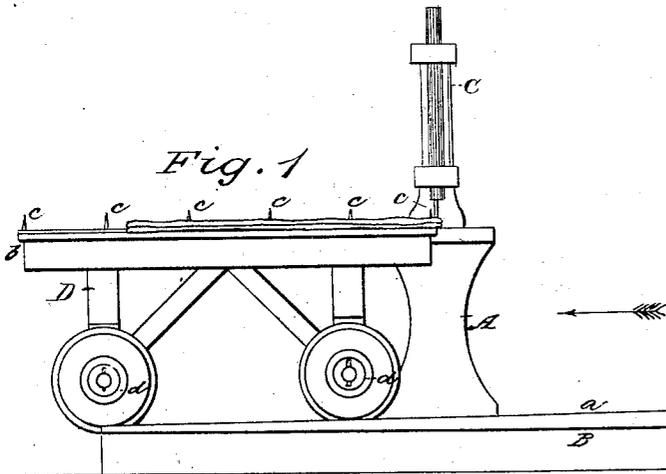
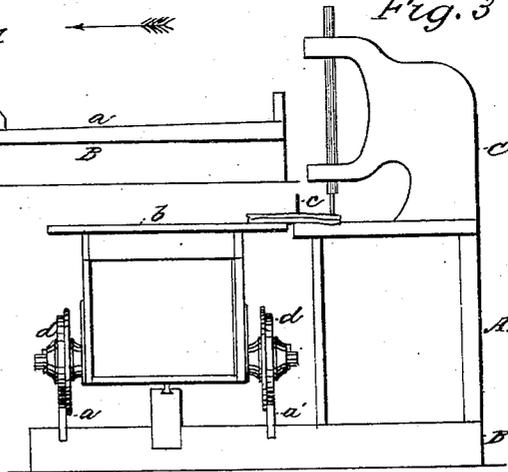


Fig. 3



Witnesses:

W. H. H. H.
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GEORGE REHFUSS, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO THE AMERICAN
BUTTON-HOLE, GORDING, BRAIDING, AND MACHINE COMPANY, OF NEW YORK.

Letters Patent No. 61,101, dated January 8, 1867.

IMPROVEMENT IN 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, GEORGE REHFUSS, of Philadelphia, Pennsylvania, have invented an improved Work-Carrier for Sewing Machines; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon.

My invention relates to mechanism for facilitating the movement, in front of a sewing machine, of carpets, sails, and other heavy fabrics to be sewed, and my invention consists of a truck for supporting and retaining the fabric, and for traversing in front of a sewing machine in the manner described hereafter, the truck-wheels being adapted to inclined rails, so that its movement during the operation of the feeding device is facilitated.

In order to enable others to make and use my invention, I will now proceed to describe its construction and operation. On reference to the accompanying drawing, which forms a part of this specification—

Figure 1 is a front elevation of my work-carrier for sewing machines.

Figure 2, a plan view; and

Figure 3, a side view looking in the direction of the arrow, fig. 1.

A is a frame or stand, which is secured to a base or floor, B, and which supports a sewing machine, C. To the floor B, in front of the frame A, are secured two parallel rails, *a a'*, which are slightly inclined, as shown in fig. 1. D is a truck, which is provided with flanged wheels, *d d*, adapted to the rails *a a'*, and to the top *b* of the truck, at one edge of the same, is secured a metal plate, E, the edge of which, when the truck is opposite the sewing machine, extends over the front edge of the work-plate of the same. From the upper side of the plate E project sharp-pointed pins *e e*, for a purpose described hereafter. A carpet, sail, or other heavy fabric to be sewed is placed on the top of the truck, and so adjusted that the edges to be sewed shall project over the edge of the plate E to a sufficient distance to be beneath the needle of the sewing machine, when the truck is brought in front of the latter, the fabric being pressed down on to the plate E so that the pins *e e* shall project through it, hold it in its place, and maintain the two thicknesses to be secured together in their proper positions in respect to each other. The truck is then pushed up the inclined rails, the fabric is brought beneath the needle, and the machine is put in operation, when the fabric will be gradually drawn forward by the action of the usual feed mechanism, the inclination of the rails *a a'* being such that the truck will move readily in front of the machine when the work is drawn forward, but will at other times remain stationary. When the truck has been carried past the machine, the work is lifted off the plate E, the truck is again moved up the inclined rails, and another section of the work is secured in its place and fed forward as before. I am aware that sewing machines have hitherto been secured to trucks traversing in front of tables to which the fabric is fastened, and that frames or clamps for holding fabrics with irregular edges have been secured to the frame of the machine or in front of the latter, so as to present the work to the needle. In all these cases, however, the feeding devices for operating the frame or the traversing machine, are complicated and expensive, and the motion imparted to the machine renders it difficult to operate the latter, especially when manual power is employed; while in many instances the operations are confined exclusively to work on one class of articles. It will be seen that by the above-described arrangement all these difficulties are overcome.

I claim as my invention, and desire to secure by Letters Patent—

The combination of a stationary sewing machine and two or more inclined rails, which are traversed by a truck or carrier adapted for the reception and retention of a fabric to be sewed; when the required traversing motion is imparted to the said truck by the operation of the feed device of the machine, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

GEO. REHFUSS.

Witnesses:

CHARLES E. FOSTER,
JOHN WHITE.