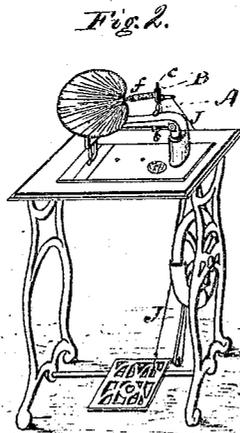
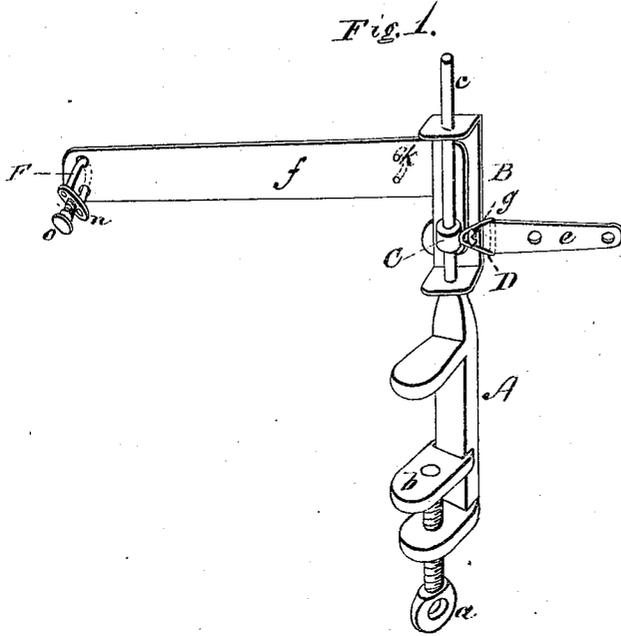


JOHN H. WHITNEY.

Improvement in Fan Attachments for Sewing Machines.

No. 124,406.

Patented March 5, 1872.



Witnesses.

Harry King.
Phil F. Dodge

Inventor.

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UNITED STATES PATENT OFFICE.

JOHN H. WHITNEY, OF ROCHESTER, MINNESOTA.

IMPROVEMENT IN FAN ATTACHMENTS FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. 124,406, dated March 5, 1872.

SPECIFICATION.

To all whom it may concern:

Be it known that I, JOHN H. WHITNEY, of Rochester, in the county of Olmsted and State of Minnesota, have invented certain Improvements in Fan Attachments for Sewing-Machines, of which the following is a specification, reference being had to the accompanying drawing.

My invention relates to a fan-operating attachment of novel construction to be applied to sewing-machines.

Figure 1 is a perspective view of my device, and Fig. 2 a perspective view of a sewing-machine having the device applied.

A represents a small metal clamp or frame, provided with a thumb-screw, *a*, carrying a movable jaw, *b*, by which the clamp may be fastened to the machine. The upper end of the clamp *A* is provided with a vertical stem or spindle, *c*, on which there is mounted a rotating head-plate, *B*, provided with two horizontal arms, *e* and *f*, extending in opposite directions. There is also mounted on the stem or spindle *c* a collar, *C*, held by a set-screw, *g*, which latter projects so as to form a stop to limit the rotary movement of the head *B*. A rubber strip, *D*, or other suitable spring, is connected from the screw *g* to the arm *e*, so as to draw the head *B* and its arms around to the right until stopped by the screw. A pin may be inserted in the stem, to limit the movement of the head and afford a hold for the spring, in place of the collar and screw, which may then be dispensed with; or, instead of using either the collar or pin, the spring may be connected from the head *B* to the clamp *A* in such manner as to draw the head around to the desired position. The arm *f* is provided at its inner end with a rigid loop or staple, *k*, and at its outer end with an adjustable loop, *F*, the ends of which are passed through the arm and

attached to a plate, *n*, provided with a thumb-screw, *o*, bearing against the arm. The fan is attached by passing its stem or handle through the loop *F* and into the loop *k*, and then turning the thumb-screw, so as to tighten up the loop *F* against the handle, the fan being arranged with its faces in a vertical position.

In applying the device, the clamp *A* is screwed fast to the rigid arm of the machine in such position that the fan will stand around on the left, facing the operator, as shown in Fig. 2. A cord, *J*, is then passed from the end of arm *e* down over the rear edge of the table, and connected to the toe of the treadle. When, now, the treadle is depressed, the cord is pulled down, and draws the arm *e* around backward, and thus swings the fan around horizontally in front of the operator, and then, when the treadle rises and slackens the cord, the spring *D* swings the fan back to its original position. Thus it will be seen that at each movement of the treadle the fan is swung forward and back in front of the operator.

When the fan is no longer required, the cord may be disconnected and the clamp unscrewed and removed.

I am aware that fan attachments for sewing-machines, to be operated by the treadle, are not new, as several such have been heretofore invented; but, by my method of construction, I am enabled to produce a cheaper and better device than any now in use.

Having described my invention, what I claim is—

The fan-operating attachment for sewing-machines consisting of the clamp *A* with its stem *c*, the rotating head *B* provided with its arms *e* and *f*, and the spring *D*, all combined and arranged to operate as described.

JOHN H. WHITNEY.

Witnesses:

A. J. WRIGHT,
J. F. TITUS.