[35.]

A. H. WAGNER.

Improvement in Sewing Machine Tables,

No. 118,655. Patented Aug. 29, 1871.

Fig. 1.

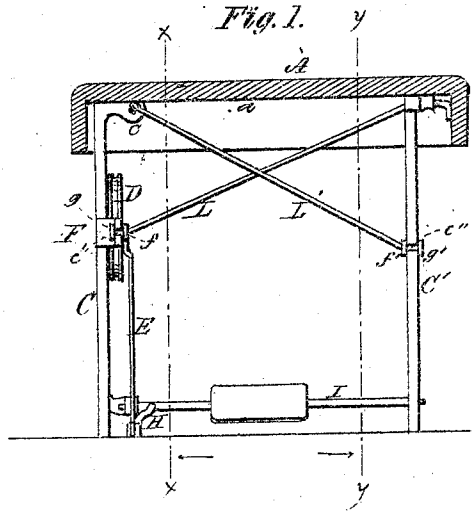


Fig. 2.

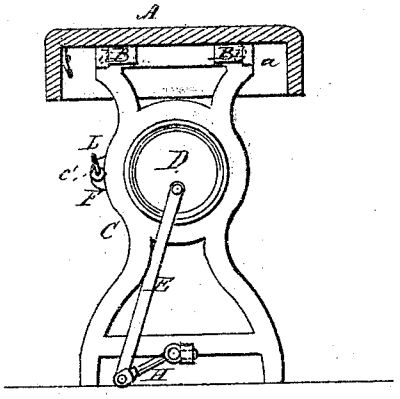


Fig. 3.

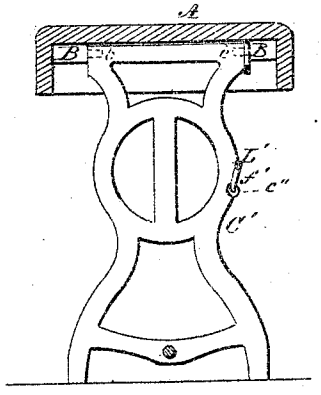


Fig. 4.

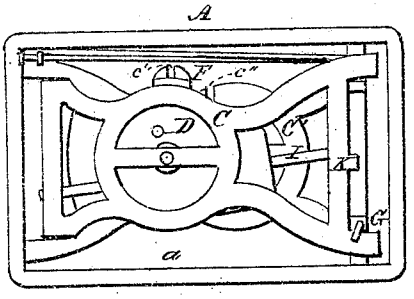


Fig. 5.

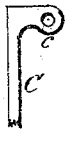


Fig. 6.

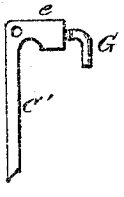
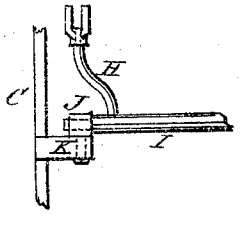


Fig. 7.



Witnesses.

Alex. S. Wade

John R. Young

Inventor.

A. H. Wagner, by

Pindle and Dyer, his Attys.

AM. PHOTO-LITHOGRAPHIC CO. N.Y. (OSBORNE'S PROCESS.)

UNITED STATES PATENT OFFICE.

AUSBERT H. WAGNER, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN FOLDING SEWING-MACHINE TABLES.

Specification forming part of Letters Patent No. 118,655, dated August 29, 1871.

To all whom it may concern:

Be it known that I, AUSBERT H. WAGNER, of Chicago, in the county of Cook and in the State of Illinois, have invented certain new and useful Improvements in Folding Sewing-Machine Tables; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing making a part of this specification, in which—

Figure 1 is a side elevation of my device set up and arranged for use; Fig. 2, a vertical section of the same on the line *x x* of Fig. 1; Fig. 3, a similar section on the line *y y* of the same figure; Fig. 4, a bottom-plan view of the same as folded up; Fig. 5, a detached view of one of the pivotal arms of the standard; Fig. 6, a similar view of another of the pivotal arms; and Fig. 7, a similar view of a portion of the treadle-shaft with the arm connecting the same with the pitman.

Like letters of like kinds denote corresponding parts in each figure.

The nature of my invention relates to sewing-machine tables, the standards, driving-wheel, and treadle-shaft of which may be folded within the box, which is a portion of the table, for the purposes of more convenient storage and transportation, and when unfolded may be arranged for use in a convenient, simple, and strong manner; and my invention consists in the construction, combination, and arrangement of the various parts, so as to effect the above results, all as more fully hereinafter described.

In the drawing, A represents the table, boxed up at the sides and ends, so as to leave an interior space, *a*. Near either end of this space the blocks B, provided with pins *b*, are secured to the under side of the table. The standard C, the head of which is provided with arms *c*, the ends of which are furnished with openings, into which the pins *b* are fitted, so that said standard, rotating on said pins, folds up within the space *a*, has the driving-wheel D pivoted upon and close to its inner center, to which wheel in turn the pitman E is suitably pivoted. Near its center, vertically, and upon one side, the standard has a lug, F, with a rectangular slot, *c'*, upon its outside. The opposite standard, C', is pivoted in like manner upon the pins in its proper blocks, has arms *e* extending from its head a little distance to the rear, and in one of them a revolving hook, G, whose office is to lock down and secure in place the standards when folded. This standard C' has upon one of its sides, near its vertical center, a rectangular slot, *c''*. The pitman E is pivoted at its lower end to an arm, H, which in turn is secured to the treadle-shaft I, near one of its ends. This shaft rotates at the end just named in a bearing, J, to which it is attached, which in turn has a rotary movement in a lug, K, secured to the bottom of the standard C, and at the other end fits into and turns in an opening in the bottom of the standard C'. A stay-rod, L, is pivoted on one of the pins *b*, upon which the standard C' works, and is of sufficient length to extend over to the slot *c* in the lug F, and has its free end *f*, which fits closely into said slot, threaded, and provided with a nut, *g*, by means of which said rod may be strained. A similar stay-rod, L', is pivoted on the inside of the table, opposite the side of the standard C, and extends over to the standard C' in the slot *c''*, into which its threaded end *f'* fits, and is secured and the rod strained by the nut *g'*.

The standards and the rods just named are all of such lengths as will enable them to fit conveniently within the recess or space *a*.

In folding up my device the stay-rods are released by unscrewing the nuts upon them, the treadle-shaft is drawn out from the standard C' and suffered to fall to the side of the standard C; the standard C' is then folded into the bottom of the recess or space *a;* the stay-rods are then folded down, and the standard C with the treadle-shaft folded against it is turned down last; the end of the hook G is turned over the bottom of that standard, and all the parts described are held down securely and within the compass of the recess or space.

The advantages of this arrangement are too obvious to require any particular mention of them.

Having thus described my invention, what I claim as new therein is—

1. In folding sewing-machine tables, the arrangement of the driving-wheel, pitman, and treadle-shaft, so that the same may be folded together, substantially as described and shown.

2. The combination of the folding stay-rods L

and L′ provided with nuts *g* and *g′* with the standards C and C′ provided with slots *c* and *c′*, constructed and arranged substantially as described and shown, for the purpose of securing the standards in position when unfolded.

3. The folding sewing-machine table, constructed, arranged, and operated substantially as described and shown.

In testimony that I claim the foregoing I have hereunto set my hand this 3d day of August, 1871.

AUSBERT H. WAGNER.

Witnesses:
C. J. CORSE,
JACOB BININGER.