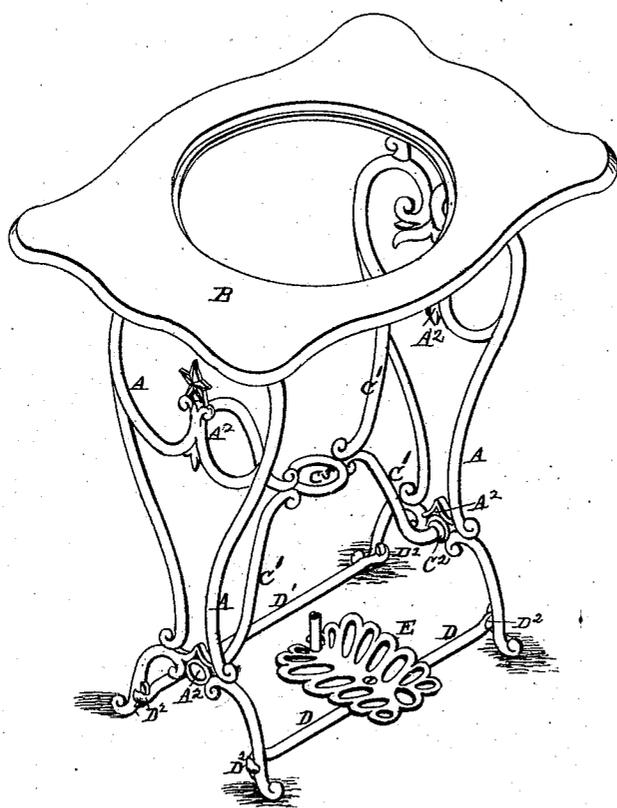


S. W. WARDWELL, Jr.  
Sewing-Machine Table.

No. 198,170

Patented Dec. 11, 1877.

FIG. 1.



ATTEST:

*Robt Burns*  
*Chas J Gooch*

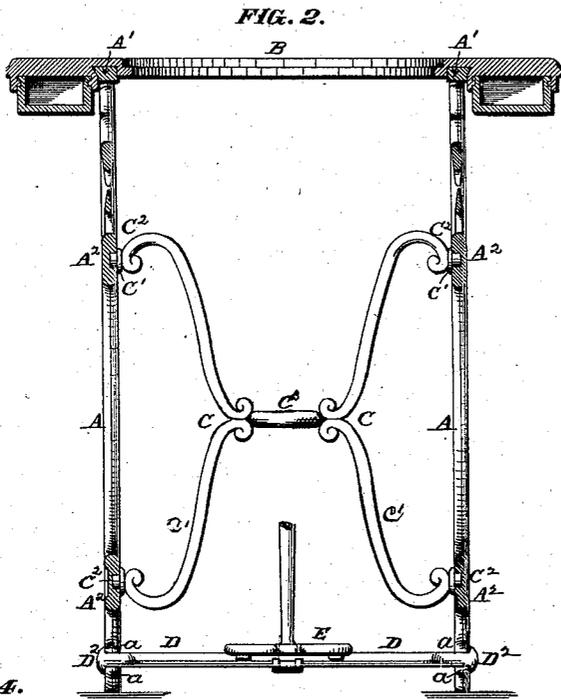
INVENTOR:

*Simon W. Wardwell Jr.*  
*By Knight Bros.*  
*Atty*

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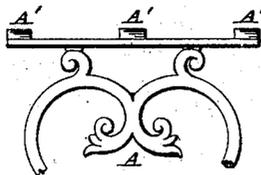
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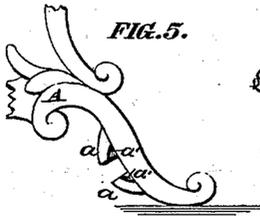
**FIG. 4.**



**FIG. 3.**



**FIG. 5.**



**ATTEST:**

*Robt Burns,*  
*Chas J Gooch*

**INVENTOR:**

*Simon W. Wardwell Jr.*  
*By Knight Bros.*  
*Atty*

# UNITED STATES PATENT OFFICE.

SIMON W. WARDWELL, JR., OF ST. LOUIS, MO., ASSIGNOR OF ONE-HALF HIS RIGHT TO GEORGE W. SHAW AND HUGH MENOWN, OF SAME PLACE.

## IMPROVEMENT IN SEWING-MACHINE TABLES.

Specification forming part of Letters Patent No. 198,170, dated December 11, 1877; application filed November 2, 1877.

*To all whom it may concern:*

Be it known that I, SIMON W. WARDWELL, Jr., of the city and county of St. Louis, and State of Missouri, have invented a new and useful Improvement in Stands for Sewing-Machines, &c., which improvement is fully set forth in the following specification, reference being had to the accompanying drawings.

The invention relates to the construction of the stand or table, so as to be taken apart with great readiness. The end supports or legs have lugs locking in the top when the legs are vertical, and the legs are held in this position by struts and stays, which are removable without the extraction of any screw, pin, or similar device.

The pieces constituting the stand are so formed as to lie compactly in a case without liability to breakage, and this enables the shipping at lowest rates. The construction is such as to enable the stand to be taken apart or put together without the use of skilled labor. The pieces are so formed as to be cheaply produced by casting, and require little or no finishing.

In the drawings, Figure 1 is a perspective view. Fig. 2 is a section. Fig. 3 is an end view of the legs. Figs. 4 and 5 are details of the hook-connections.

A A are upright leg-frames, which stand upon the floor, and whose upper ends consist of dovetails A<sup>1</sup>, which engage in suitable recesses in the under side of the table-top B.

The construction is such that the dovetails may be made to enter the recesses when the lower ends of the legs are inclined outward, and when the legs are vertical the dovetails bind tightly in the recesses.

C is a brace-frame, which has four arms, C<sup>1</sup>, each of which ends in a cylindrical lug, C<sup>2</sup>, which fits in a cavity of the cross-bars A<sup>2</sup> of the legs A. The brace-frame C has at the center a horizontal ring, C<sup>3</sup>, through which passes the pitman.

The lower ends of the frame-legs A A are held together by tie-rods D D<sup>1</sup>, whose ends are formed into hooks D<sup>2</sup>, that engage the legs A A between the lugs *a*, as shown most plainly in Fig. 2.

By the application of these tie-rods the leg-frames are held tightly against the brace-frame C, and the dovetails A<sup>1</sup> bound in their recesses in the top B. Thus, when the ties D D<sup>1</sup> are disengaged from the lower parts of the legs A A, the said legs may be spread outward from each other at the feet, and this disengages the brace-frame C and loosens the dovetails A<sup>1</sup> in their cavities, so that they can be drawn therefrom.

As a modification, the dovetails A<sup>1</sup> may be made to loosen in their recesses by moving the feet inward instead of outward, and the ties and braces would be modified to accord therewith.

E is the foot-tread or sandal, hinged on the bar D. The hooks D<sup>2</sup> of the tie-rods are made spherical, and the edges *d* thereof engage in recesses *a'* in the lugs *a*, to more firmly knit or lock the parts together.

I claim as my invention—

1. The combination of leg-frames A and tie-rods D D<sup>1</sup>, having hooked ends D<sup>2</sup> engaging said frames, substantially as set forth.

2. The combination of leg-frames with recesses A<sup>2</sup>, brace-frame C, with tenons C<sup>2</sup>, and tie-rods D D<sup>1</sup>, with hooks D<sup>2</sup>, all substantially as and for the purpose set forth.

3. The tie-rods D, having their hooked ends spherical in form, to engage recesses *a'* in the lugs *a* of the leg-frame A, substantially as and for the purpose set forth.

SIMON W. WARDWELL, JR.

Witnesses:

SAML. KNIGHT,  
ROBERT BURNS.