

N<sup>o</sup> 1602.

*J. C. Folsom & B. D. Whitney's Design for Sawing Machine Frames*  
*Assigned to J. C. Folsom*

*Patented June 3 1862.*

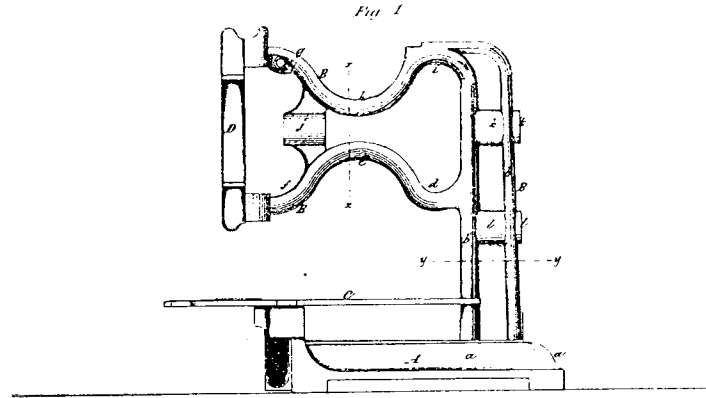


Fig. 1



Fig. 5

Fig. 2.

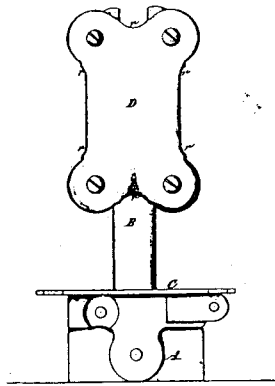


Fig. 3.

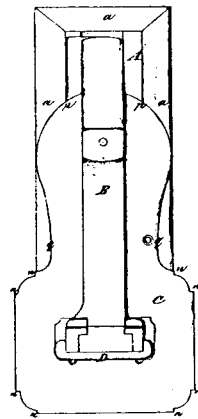


Fig. 4.



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*W. W. Woodruff*  
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J. G. Folsom & Baxter D. Whitney, of  
Winchendon. Massachusetts  
Assignors to  
J. G. Folsom. aforesaid.  
Letters Patent No. 1602. dated June 3. 1862.

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

To all whom it may concern;

Be it known that we, J. G. Folsom and B. D. Whitney, both of Winchendon in the County of Worcester and State of Massachusetts, have invented a new Design for Sewing Machine Frames; and we do hereby declare that the following is a full clear and exact description of the same, reference being had to the accompanying drawings forming part of this specification, in which -

Figure 1. is a front elevation of a sewing machine frame of our design.

Figure 2. is a left hand end view of the same.

Figure 3. is a top view of the same.

Figure 4. is a transverse vertical section in the line x. x. of Figure 1.

Figure 5. is a horizontal section of the same.

Similar letters of reference indicate corresponding parts in the several Figures.

The frame is composed of a base A, work bed C, standard B, and plate D, for receiving the needle bar and presser stem. The base A, and standard may be of one casting and the work bed C, and plate D, of separate pieces.

The form of the base A, is flat and it has an ogee a. running along the front, right hand end and back. The lower upright part of the standard B, is solid and its form is flat with a semi-elliptical head b. at each edge both in front and behind as shown in the section Figure 5. The upper part of the said standard is made of an open web of elliptical form in its transverse section as shown at c. c. in the section Figure 4. such web being composed of a combination of curves as indicated at d. e. f. g. h. i. in Figure 1, and the upper and lower parts of the said web being united by a cylindrical boss j. which is arranged opposite to a boss k. on the upright portion of the standard, such bosses surrounding the bearings for the needle operating shaft; and below the boss k. there is a boss l. which surrounds the driving wheel axle.

The portion of the work bed C, which is toward the left hand is square with rounded corners m. n. set back from the straight edges as shown at n. n. in Figure 3, and the right hand end is of nearly circular form as shown at p. in the same Figure and the edge of the circular portion unites with the square portion which is toward the left hand by hollow curves q. q.

The plate D, is of upright parallel sided form having round corners which are united with the top bottom and sides by con-

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like curves as shown at r.r. in Figure 2.

Letters Patent is - What we claim as our invention and desire to secure by

The design and configuration of the sewing machine frame as represented in the accompanying drawings and herein described.

Witnesses.

E. S. Merrill. }

E. Pitkin. }

J. G. Floom,  
Walter D. Whitney.

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