

(62.)

A. H. WAGNER.

Improvement in Sewing Machine Tables.

No. 122,872.

Patented Jan. 16, 1872.

Fig. 1.

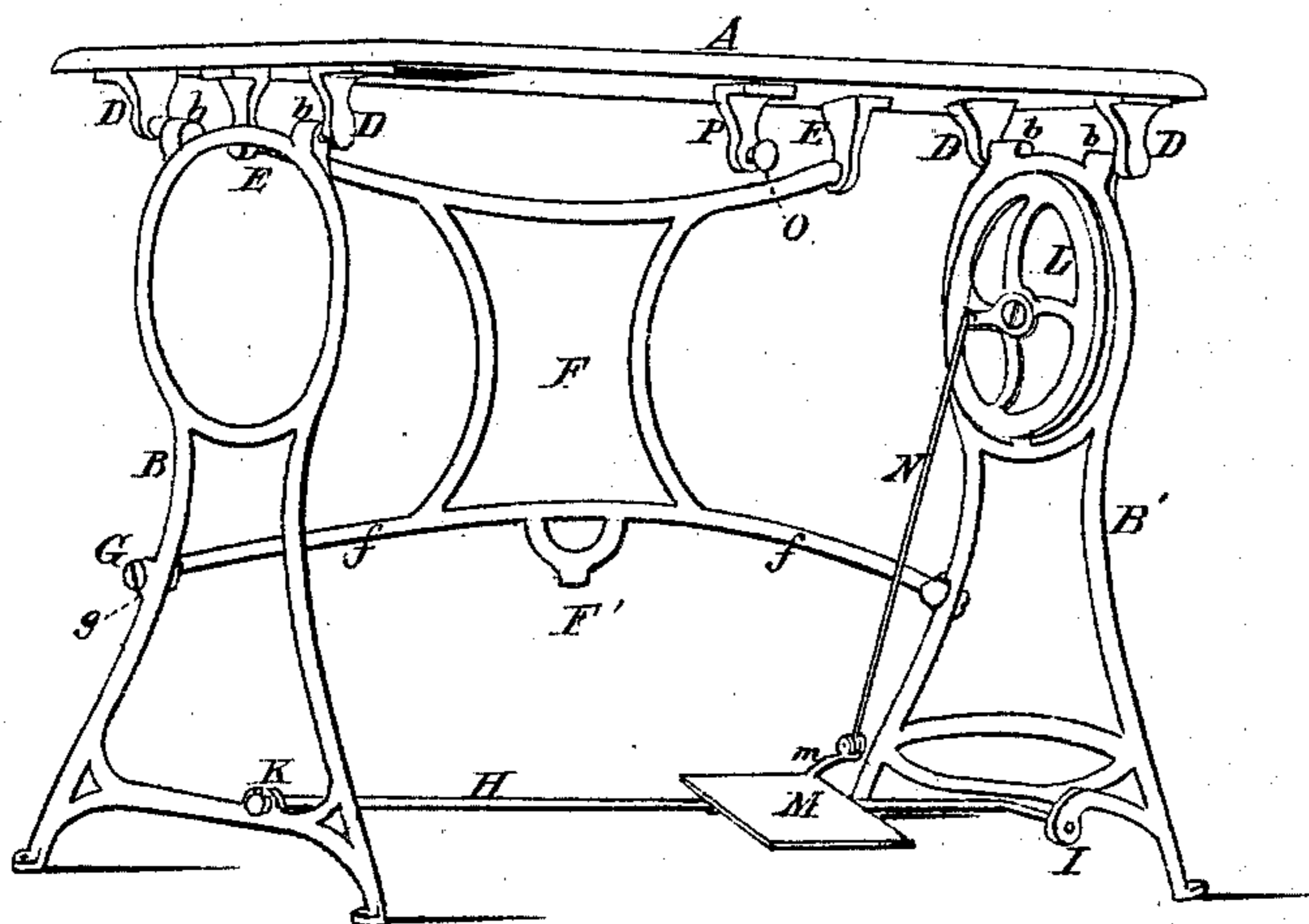


Fig. 2.

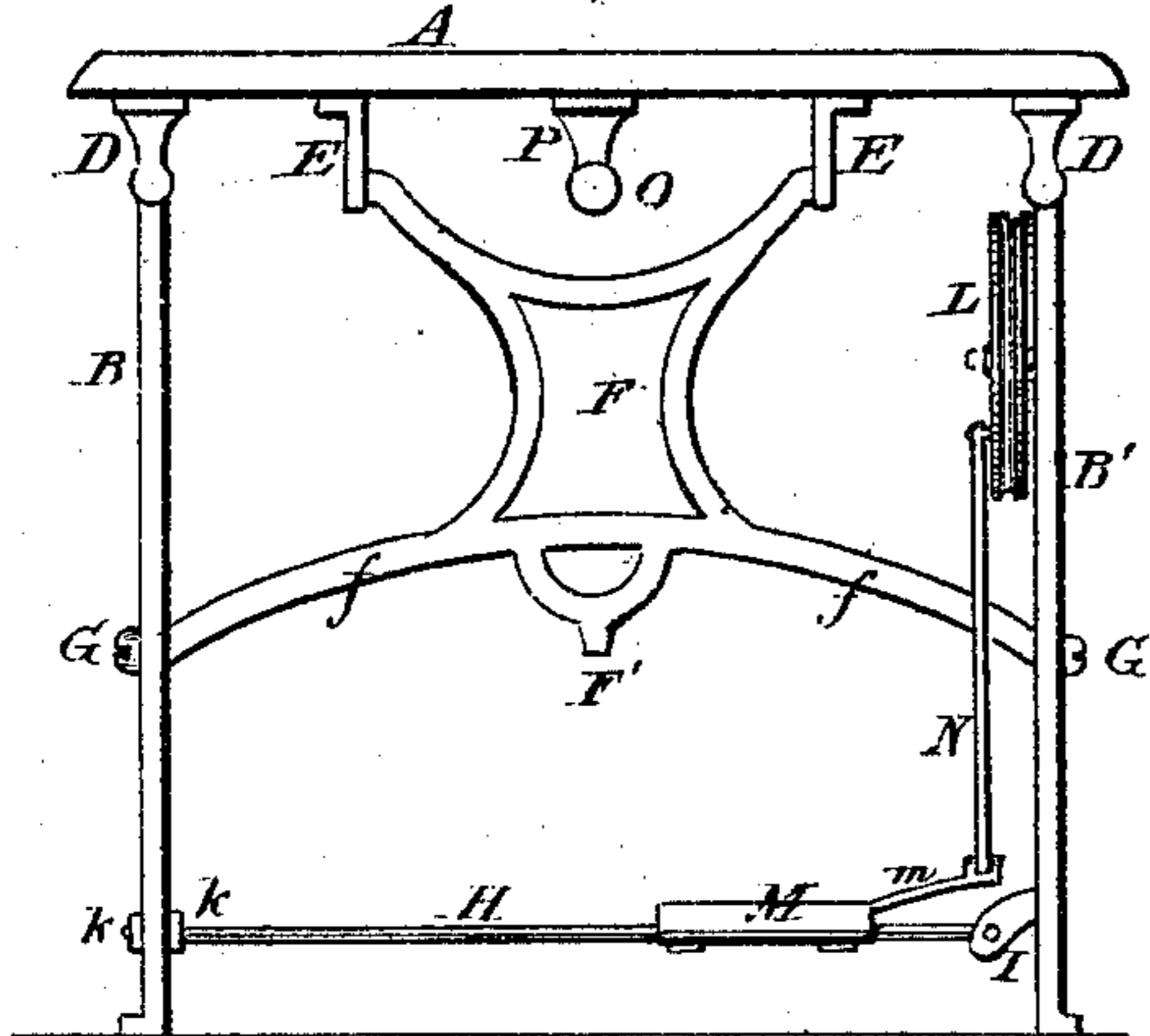


Fig. 3.

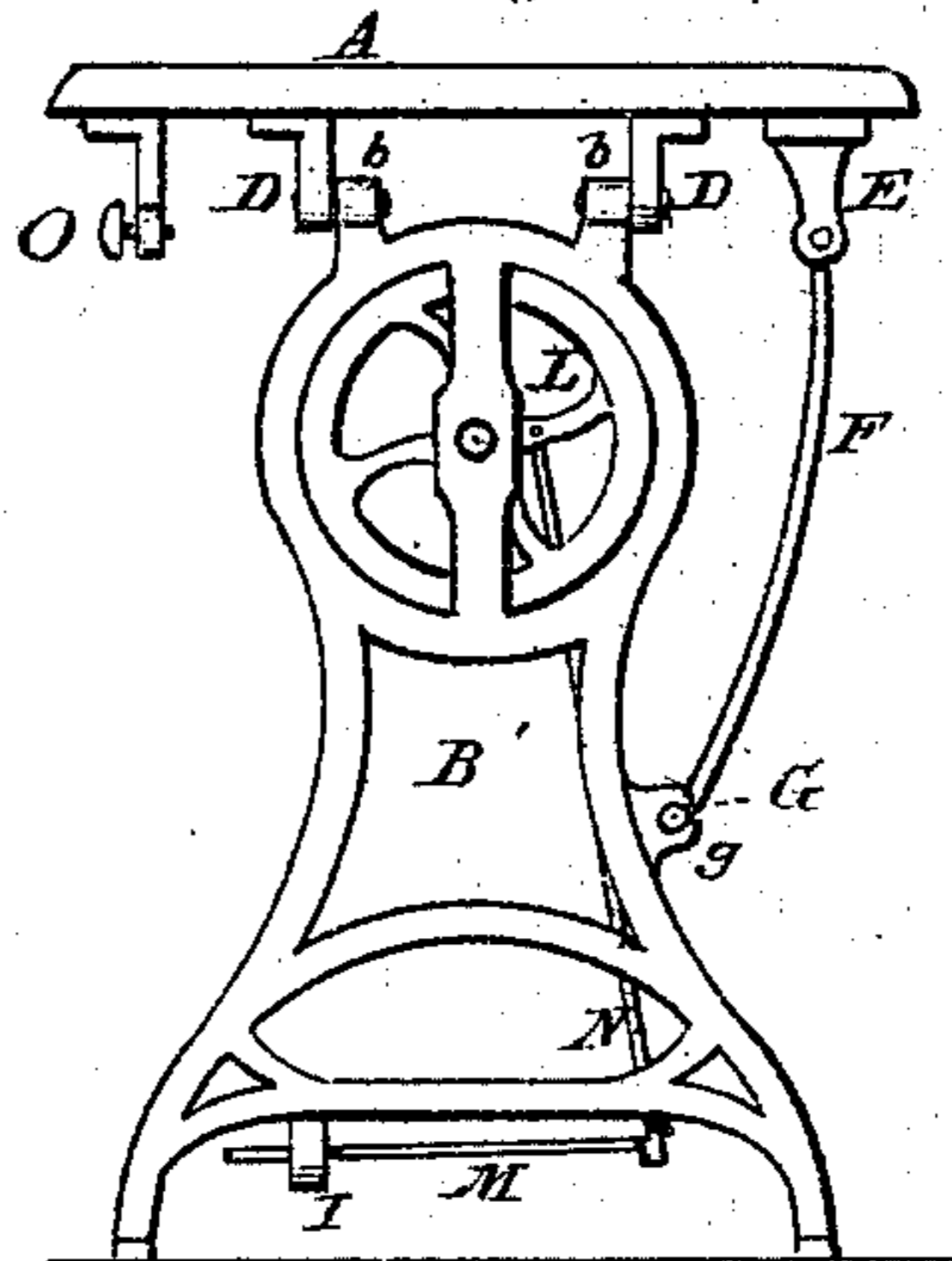


Fig. 4.

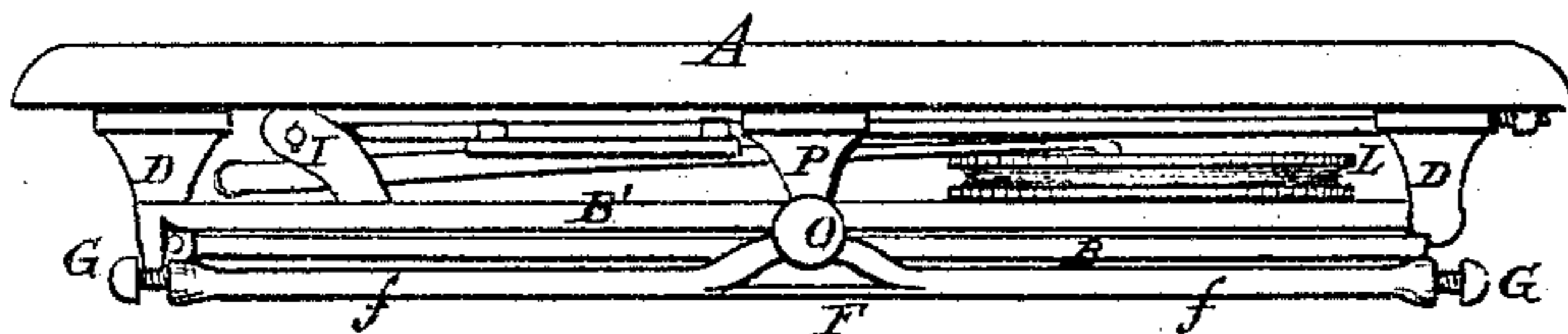
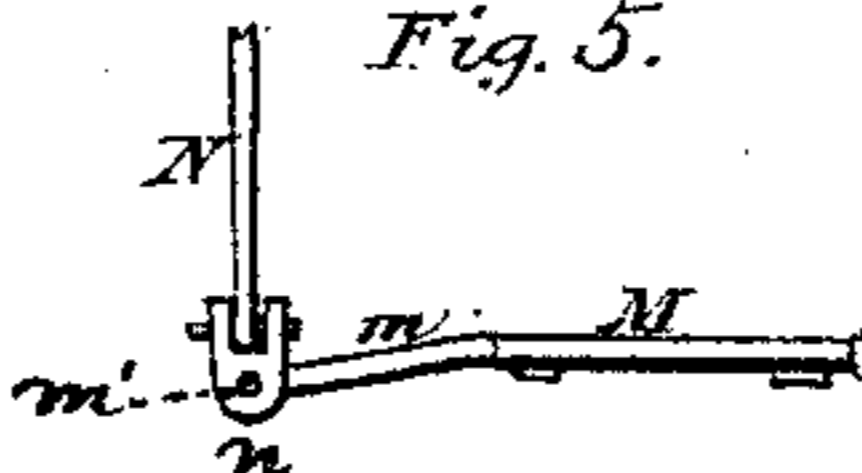


Fig. 5.



Witnesses.

H. Poole.

John R. Young

Inventor.

A. H. Wagner, by
Prindle and Syn. his
Attys.

UNITED STATES PATENT OFFICE.

AUSBERT H. WAGNER, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN SEWING-MACHINE TABLES.

Specification forming part of Letters Patent No. 122,872, dated January 16, 1872.

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 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 perspective view of my device. Figs. 2 and 3 are, respectively, a front and an end elevation of the same. Fig. 4 shows said device as closed together for transportation or storage; and Fig. 5 is an enlarged rear view of the pivoted joint between the lower end of the connecting-rod and the treadle.

Letters of like name and kind refer to like parts in each of the figures.

My invention is an improvement upon a similar device for which Letters Patent were granted me on the 29th day of August, 1871; and it consists principally in the peculiar construction of the supporting and operating devices and their combination with each other and the table, substantially as and for the purpose hereinafter specified. It consists, further, in the means employed for securing in place the folding parts when the same are closed together, substantially as hereinafter shown.

In the annexed drawing, A represents the table of a sewing-machine, supported by means of two legs, B and B', the upper ends of which are provided with two hollow ears, *b*, that correspond to and receive the pintles of two lugs, D, which are secured to or upon the lower side of said table, the whole being so arranged as to permit said legs to be folded inward upon each other. Pivoted upon or between two lugs, E, attached to and extending downward from the lower side and rear edge of the table A, is a brace, F, (having the form shown in Figs. 1 and 2,) the lower side of which is formed by a bar, *f*, that extends outward and downward in the form of a curve and terminates at either end at the inner face and rear edge of the legs B and B'. A set-screw, G, passes horizontally into each end of the bar *f* through a slotted lug, *g*, (open to the rear,) with its head upon the outer side of the latter, so that when said screw is turned inward said lug

shall be firmly clasped between said bar and screw-head and the brace and legs firmly united. A further support is given to the legs by means of a second brace, H, which is pivoted to or upon a lug, I, attached to the inner lower side of the leg B', from whence said brace extends across and rests within a slotted ear, K, open at the upper side. A thread being provided upon the end of said brace, and a nut, *k*, placed upon the same at each side of the lug K, the parts may be firmly united by turning inward upon either nut. Suitably journaled upon the inner face of the leg B' is an ordinary band-wheel, L, for driving the operating mechanism of the machine, which wheel is driven by means of a treadle, M, pivoted upon the brace H, and connected with said wheel by means of a rod, N, the lower end of the latter being loosely connected with an arm, *m*, that projects rearward and outward from said treadle, while its upper end is pivoted to or upon said wheel in the usual manner. In order to permit the brace H to be folded upward the arm *m* of the treadle M is provided with a short journal, *m'*, that is placed in line with the pivotal bearing of said brace, and has pivoted thereon a box, *n*, which moves freely around said journal or in a plane parallel to the line of said brace. The upper end of the box *n* is slotted in a line with the face of the driving-wheel, and within the slot thus formed is pivoted the lower end of the rod N, which is thus permitted to move freely in the necessary direction, the same being a plane having a right angle to the line of the brace H.

The device is now ready for folding together, which is accomplished in the following manner: The braces being disconnected, the lower brace is turned against the leg B' and said leg folded against the lower side of the table, after which the second leg B and the rear brace are successively folded inward, as shown in Fig. 4. In order that the legs and rear brace may occupy their relative positions when closed the lugs of the leg B' are shortest, those of the second leg somewhat longer, and the lugs of the rear brace still further increased in length. When closed the parts are locked in position by means of a set-screw, O, that passes horizontally inward through a lug, P, that is secured to and projects downward from the lower side

and front edge of the table A, the inner end of said screw engaging with a projection, F', that extends outward from the lower edge of the brace F.

The special advantages possessed by this construction and arrangement of parts consist in their greater simplicity, increased strength, and decreased space occupied when folded together.

Having thus fully set forth the nature and merits of my invention, what I claim as new is—

1. The legs B and B', the braces F and H, the band-wheel L, the treadle M provided with the journaled arm *m*, the connection N, and the box *n*, when the several parts are constructed as described and combined with each other and with the table A, substantially as and for the purpose specified.

2. Also, the pivoted brace F provided with the set-screws G, in combination with the hinged legs B and B' and table A, substantially as and for the purpose shown.

3. Also, in combination with the treadle M, provided with the journaled arm *m* and with the connection N, the box *n*, substantially as and for the purpose set forth.

4. Also, the lug P and set-screw O, in combination with the rear brace F, provided with the projections F', substantially as and for the purpose shown and described.

In testimony that I claim the foregoing I have hereunto set my hand this 11th day of December, 1871.

AUSBERT H. WAGNER.

Witnesses:

E. D. SWAN,
E. WOODRUFF.

(134)