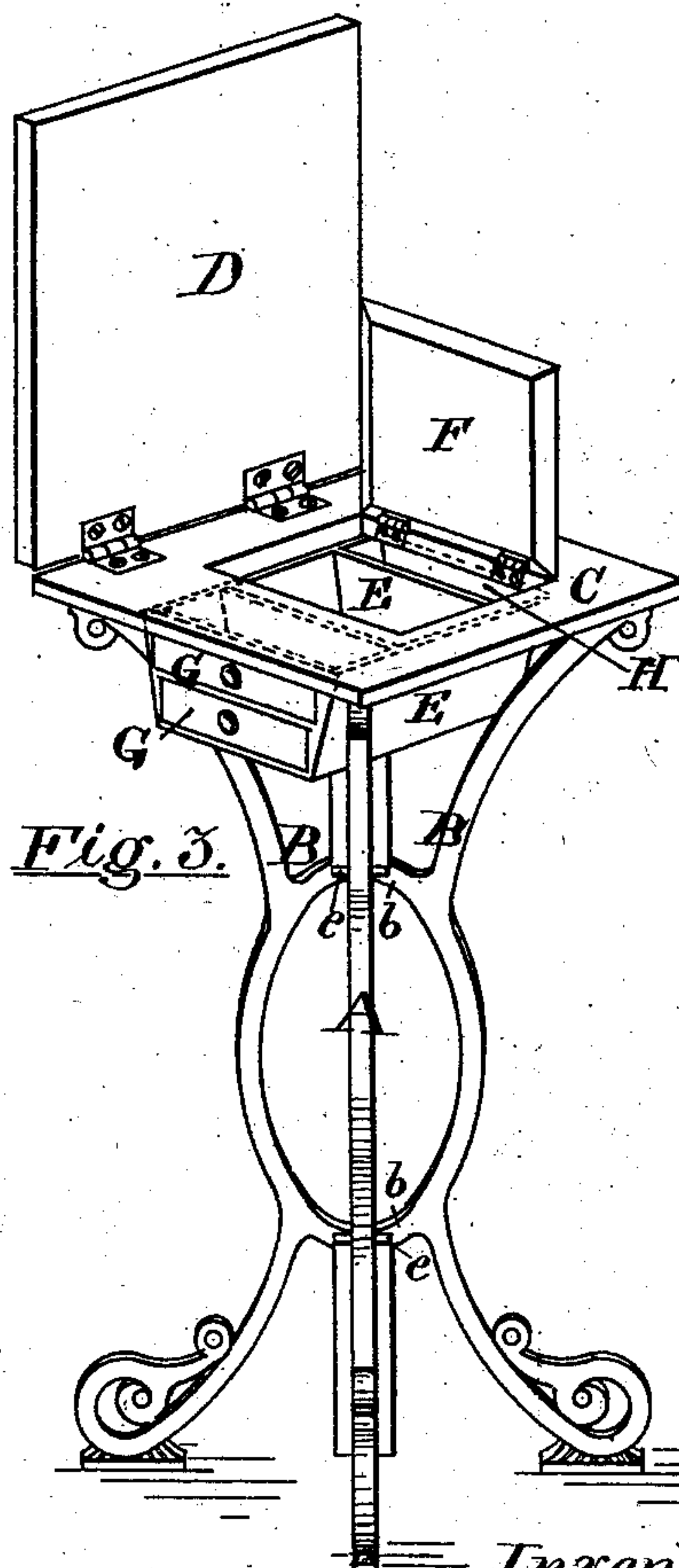
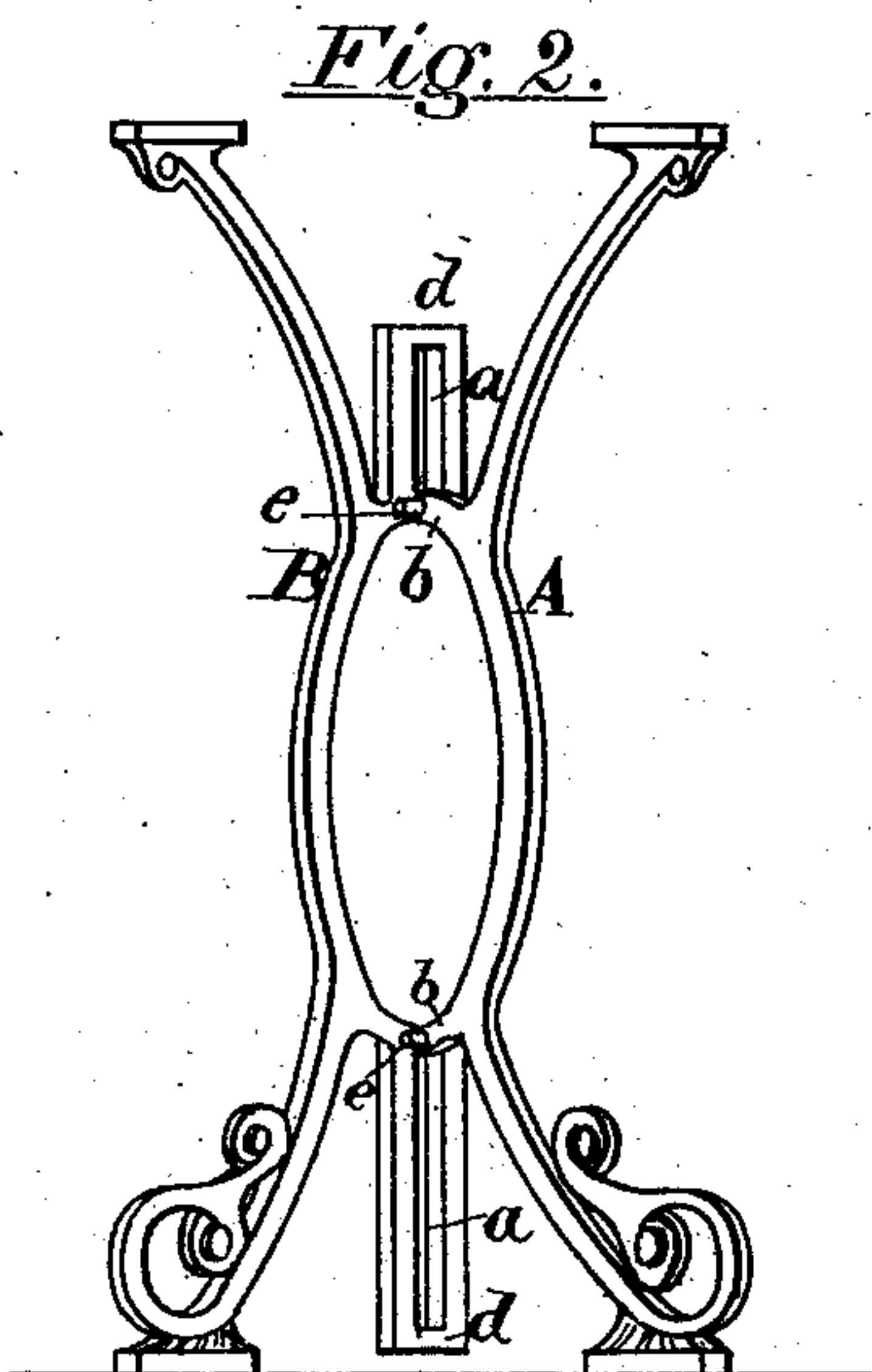
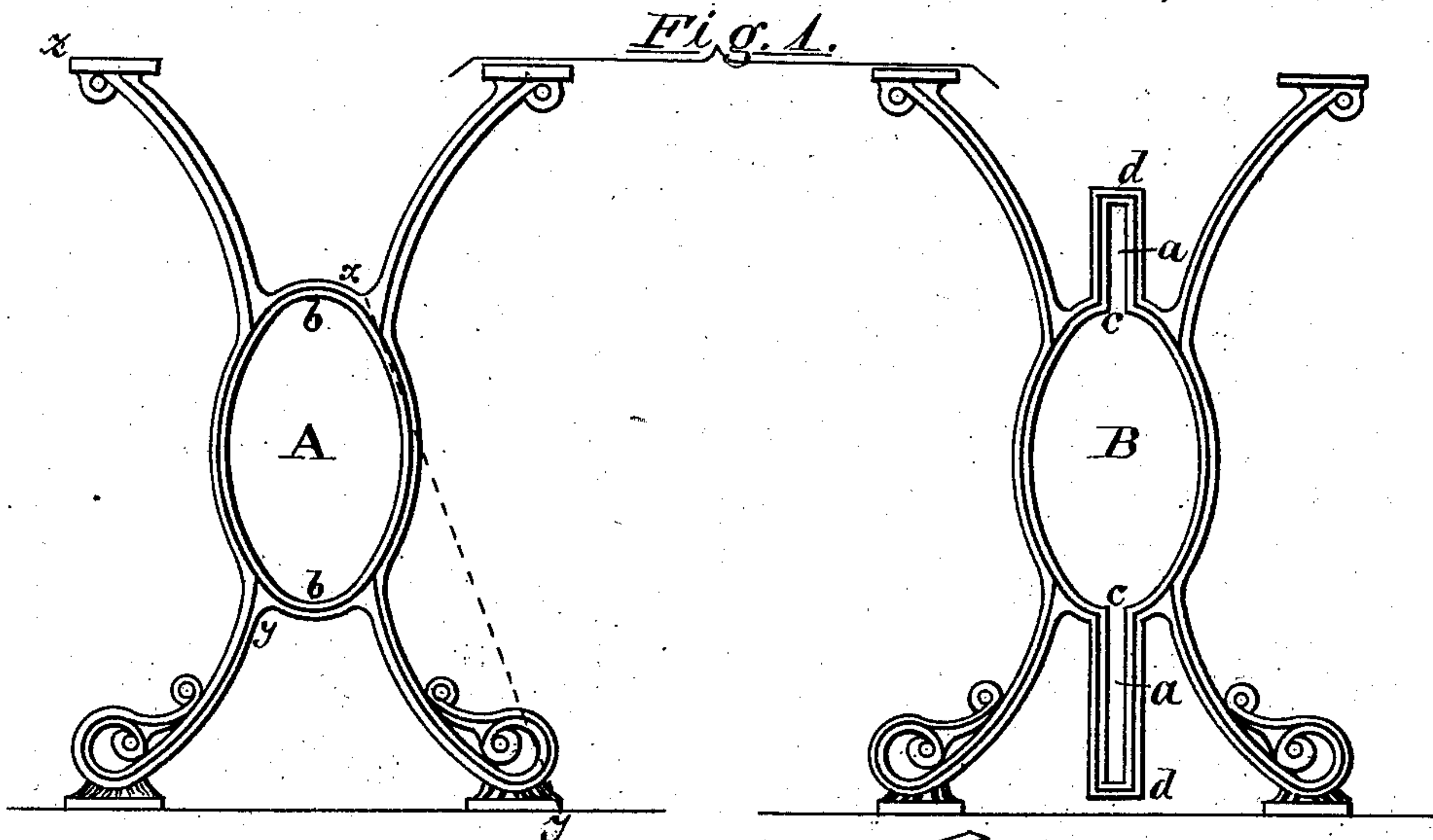


T. W. MORRISON.

Tables.

No. 224,302.

Patented Feb. 10, 1880.



Witnesses:

George
M. Bailey

Inventor:

Thomas W. Morrison.

UNITED STATES PATENT OFFICE.

THOMAS W. MORRISON, OF NEWARK, NEW JERSEY.

TABLE.

SPECIFICATION forming part of Letters Patent No. 224,302, dated February 10, 1880.

Application filed May 24, 1879.

To all whom it may concern :

Be it known that I, THOMAS W. MORRISON, of Newark, State of New Jersey, have invented certain new and useful Improvements in Stand-
ards for Tables and other purposes, of which
the following is a specification.

My invention relates to standards for tables and other purposes.

To obtain a strong compact standard adapted particularly for a table-top of small dimensions, although suitable for tops of ordinary form, it has been found desirable to make the standard of sections which form, in effect, partitions radiating from a common vertical axis. In cases where these sections are formed separately from one another it is best to so form them that when fitted together they will interlock, and by so doing form a strong well-braced standard. I myself have heretofore made the standard of two sections, put together so as to intersect and interlock with one another; but in this case each section, either above or below the slot formed in it for the passage of the other section, was open, and depended upon some extraneous means to hold its two divisions together. This it is my object to avoid; and to this end I provide a standard composed of intersecting and interlocking sections, each of which is continuous at opposite ends, or above and below the points where it meets or crosses the other section, thus obtaining a sectional standard which is truly self-bracing and possesses the greatest attainable strength.

In the accompanying drawings, Figure 1 is a view of the two standard-sections separated. Fig. 2 is a view of the same when fitted together. Fig. 3 is a view of the table complete.

The two sections of the standard are lettered A and B. They may be of any desired size and configuration. Preferably, to obtain lightness and strength, as well, they are made in skeleton form and of cast metal, each section being a single casting. The one section, B, is formed with an opening corresponding in length to the distance between the points x y or y z . Section A is provided with centrally-arranged portions b , which may be of such length and form as desired, even to the extent of meeting one another and forming a continuous strip. The slot or opening a in the pres-

ent instance is contracted at its upper and lower ends, with straight parallel sides, which form bearings c , into which the portions b are extended to fit tightly. The bearings c may, like the portions b , be extended more or less, as desired. Above and below the slot a the section B is solid or continuous, as indicated at d . The section A is likewise continuous, its two sides being united by the upper and lower portions, b . It is not necessary that this section should have any opening between the points b , the opening shown being simply to reduce material and give lightness to the standard.

In putting the two sections together one corner—for instance, z —of frame A is inserted through the central opening or slot in section B, and the two are then brought into the position with respect to each other as shown in Fig. 2, the parts b fitting tightly in the bearings c , the standard thus consisting of skeleton-partitions radiating from a common axis and forming a solid and well-braced support for the table-top.

In order to prevent the possibility of any lateral movement of the two sections with respect to each other, lugs or projecting heads e may be formed on or fastened to either of the two sections A or B in any suitable manner, for the purpose of properly clasping them, as shown.

The length of the slot a will depend upon the construction of the section A and the size and proportion of that part of the section to be inserted through said slot, all that is needed being that the slot should be of such size as to permit the passage of said part and of such shape as to furnish bearings to fit tightly the tongue part b .

To the top of the standard there can be secured, in any convenient way, a top adapted to receive a sewing-machine. The top shown in the drawings is a folding top, one part, C, of which is secured to the standard and carries the other part, D, which is hinged to and folds down over the part C when the table is not used for sewing purposes.

The table in this instance is provided with a box or receptacle, E, beneath, into which the sewing-machine can be placed when not in use, a hinged or otherwise suitably arranged

cover, F, which when closed is flush with the top, being provided for the receptacle.

On the front of the receptacle drawers G are arranged, and at the rear an attachment—
5 work or tool receptacle—H, to which access can be had by raising the lid or cover F.

The box or case E is attached to the under side of the table, extending into a central space formed in the upper part of the stand-
10 ards by casting the standards in suitable shape. The bottom of the case E rests on the standard, in order to remove the strain as far as possible from the screws or other devices by which said case may be attached to the under
15 side of the table-top.

The standard will be provided with the usual treadle fly-wheel, connecting-rod, &c., which it is not deemed necessary to represent in the drawings.

20 Any proper arrangement of these devices may be made in the angular recesses formed by the radial sections of the standard.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

A standard for tables and other purposes, 25 composed of two skeleton intersecting and interlocking sections, the one formed with a slot or opening bounded at each end by a solid part of the section and of a length to permit the passage of that part of the other section 30 which is to be inserted through it and with bearings for said section, the other formed or provided with portions to enter and fit in said bearings, the two being fitted together, substantially as set forth.

In testimony whereof I have hereunto set
my hand this 23d day of May, A. D. 1879. 35

THOMAS W. MORRISON.

Witnesses:

M. GEORGII,
W. BAILEY.