J. P. Curry,
Table.

No. 95,003. Patented Sept. 21. 1869.

Fig 1

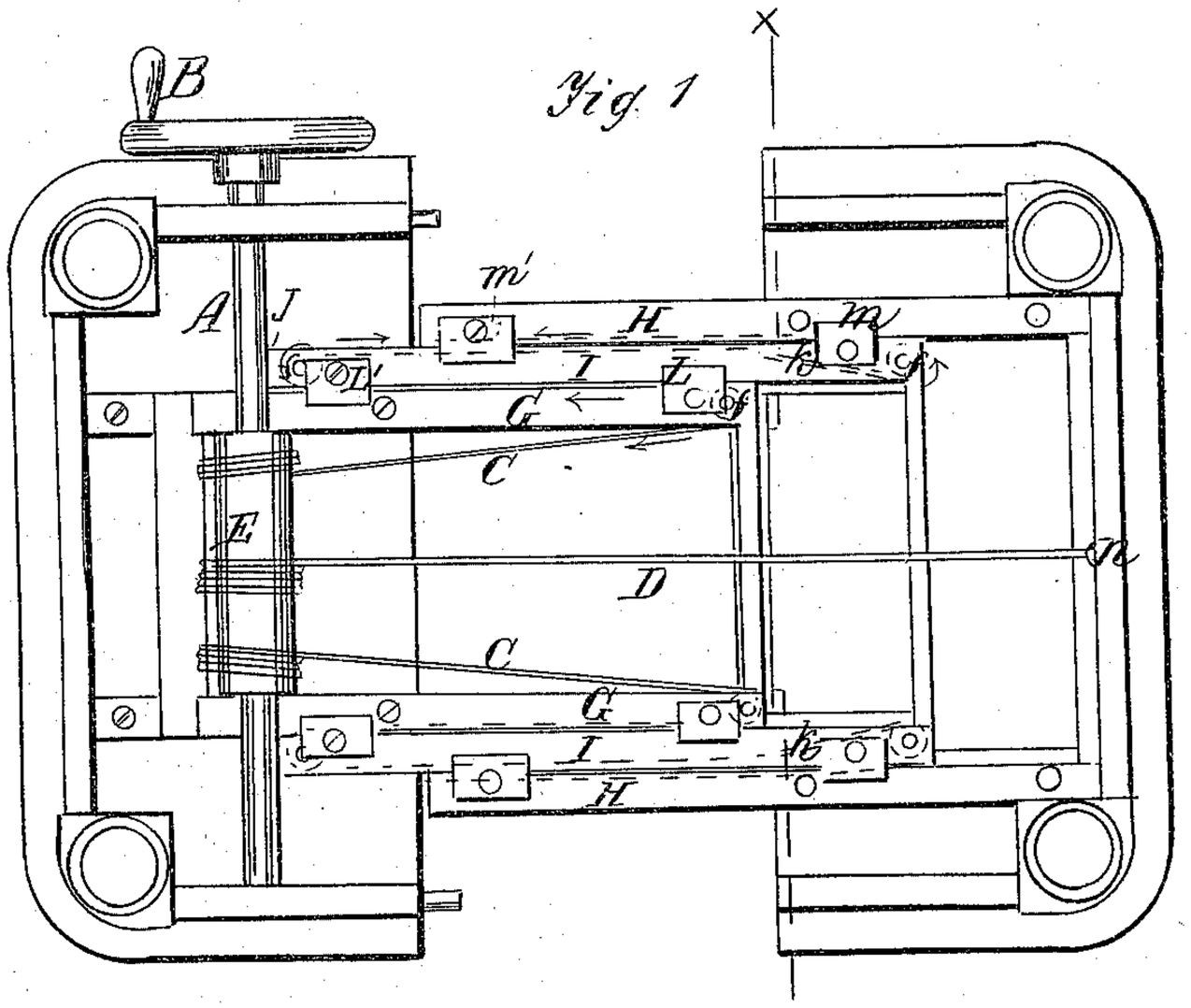
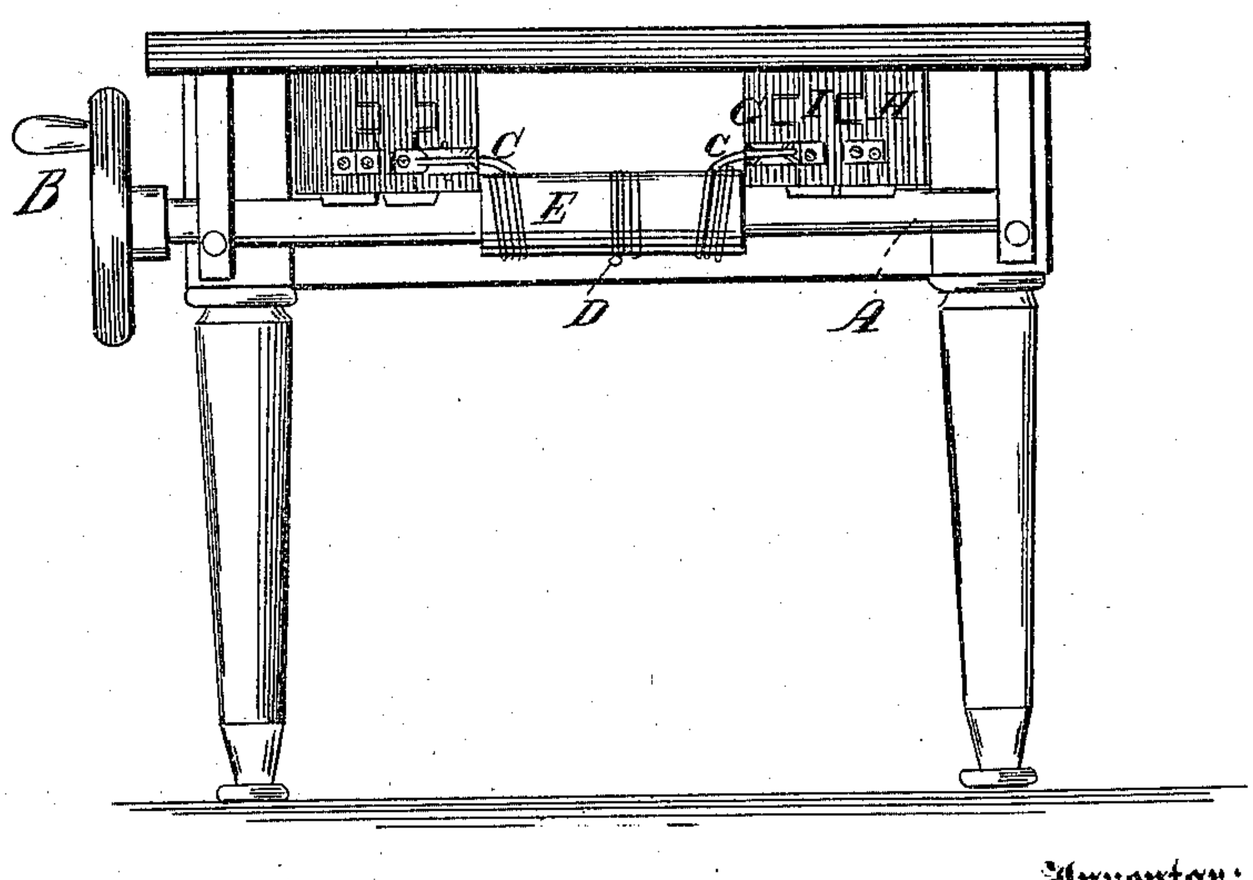


Fig. 2.



Witnesses:
Alex F. Roberts
W. F. Clark

Inventor:
J. P. Curry
Per Munn & Co
Attorneys.

United States Patent Office.

JOSEPH P. CURRY, OF VINCENNES, INDIANA, ASSIGNOR TO S. S. BURNET, OF SAME PLACE.

Letters Patent No. 95,003, *dated September* 21, 1869.

IMPROVED EXTENSION-TABLE.

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

To all whom it may concern:

Be it known that I, JOSEPH P. CURRY, of Vincennes, in the county of Knox, and State of Indiana, have invented a new and useful Improvement in Extension-Tables; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to a new and useful improvement in extension-tables, whereby they are made more convenient and useful than they have heretofore been; and consists in extending and contracting the table by means of a shaft, crank, and cords, as will be hereinafter more fully described.

In the accompanying drawing—

Figure 1 represents a plan view of the table, with the top or cover off, showing the table partially extended, and the method of operating the parts.

Figure 2 is a vertical cross-section, through the line *x x* of fig. 1, with the top on.

Similar letters of reference indicate corresponding parts.

The arrangement of the sliding rails or running-gear of this table do not differ materially from those of ordinary extension-tables, but, in addition to being grooved and tongued, they are grooved for cords on each side, the cords being arranged for extending the table, while, by another central cord, the table is contracted.

These cords are operated by means of the transverse shaft A, which is revolved by the crank B.

C C are the side cords for extending the table, and D is the central cord, by which the table is contracted.

On the shaft A there may be a drum, E, to which the cords are so attached, that when the cords C C wind up around the drum in extending the table, the cord D unwinds, and *vice versa.*

The extension-cords C C, being attached to the drum E, (or to the shaft direct, which may be used without a drum,) are carried around a series of pulleys, *f*, as indicated by the arrows.

The rails G H are fast to the opposite ends of the table.

The rail I slides between them.

The cord C passes from the shaft around the end of G, and around the end of I, as seen at J, from thence through the rail I, as indicated in dotted lines at *k*, and around the other end of I, and to the end of H, where it is fastened.

The shaft A being supported on suitable journal-boxes at one end of the table, as represented in the drawing, it will be seen that when the shaft is revolved, so as to wind up the cords C, the effect will be in the first place to draw the stop L to the stop L′, and the motion of the shaft being continued, the stop *m* will be drawn to the stop *m′*, when the movement will cease, as the table will then be extended.

While the table has been thus moving, and the cords C C winding up, the cord D has been unwinding.

This cord D is attached to the shaft or drum at one end, and to the end of the table, as seen at *n*, at the other end.

Now, if the motion of the shaft is reversed, the cord D will be wound around the drum or shaft, while the cords C will be unwound, and the parts or ends of the table will be drawn together.

It will be seen that by simply turning the crank, the table is extended or contracted, as may be desired.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

The combination of the slide G H with the cords C C and D, and shaft A, substantially as and for the purpose specified.

The above specification of my invention signed by me, this 30th day of July, 1869.

JOSEPH P. CURRY.

Witnesses:

THOMAS REILLY,

DEXTER GARDNER.