

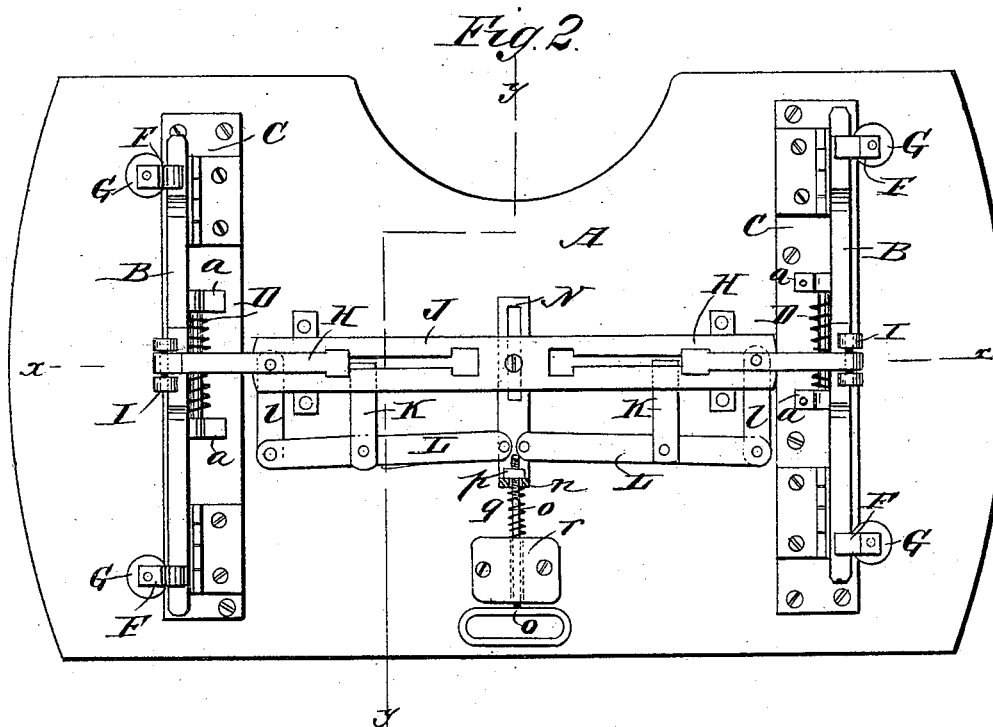
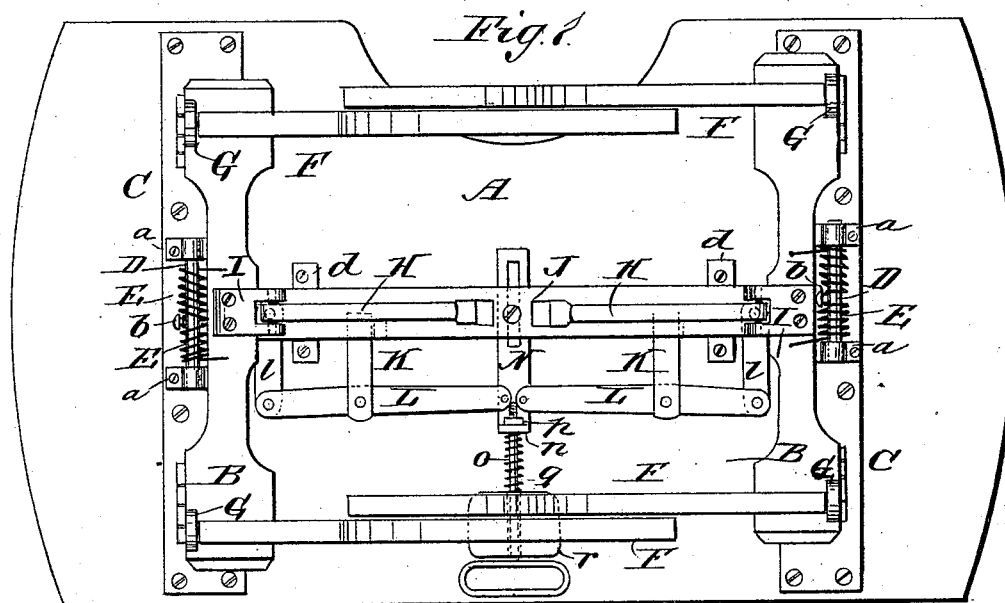
(No Model.)

2 Sheets—Sheet 1.

A. B. JONES.
FOLDING TABLE.

No. 346,660.

Patented Aug. 3, 1886.



WITNESSES:

F. M. Ardle,
C. Sedgwick

INVENTOR:

A. B. Jones

BY

Munn & Co.

ATTORNEYS.

(No Model.)

2 Sheets—Sheet 2.

A. B. JONES.
FOLDING TABLE.

No. 346,660.

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Fig. 3

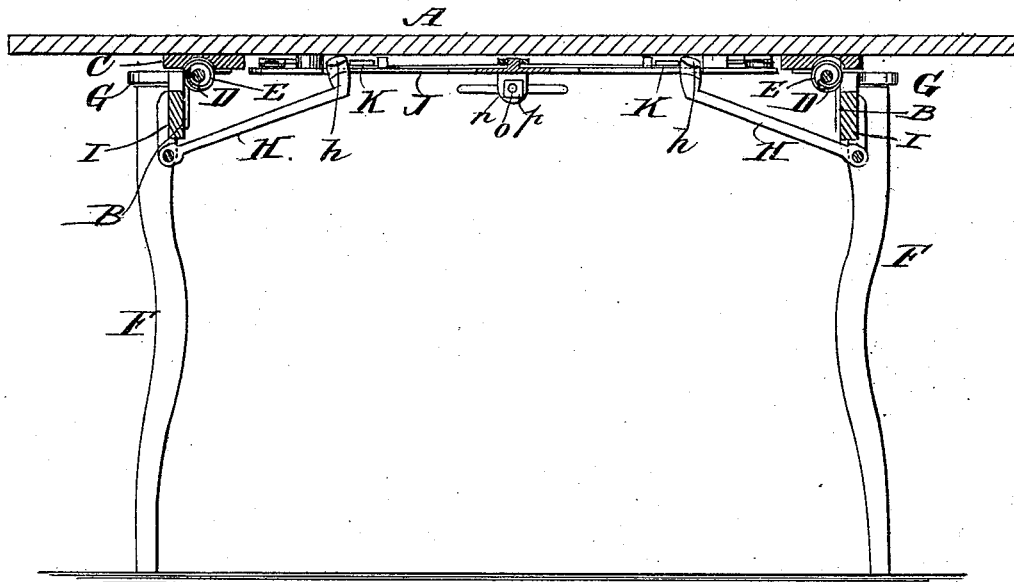


Fig. 4

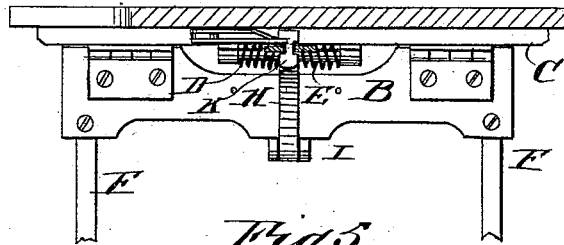
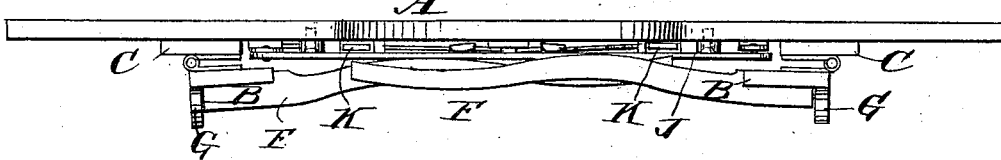


Fig. 5



WITNESSES:

A. McArthur
to Sedgwick

INVENTOR:

A. B. Jones

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UNITED STATES PATENT OFFICE.

ALONZO B. JONES, OF JEFFERSONVILLE, INDIANA.

FOLDING TABLE.

SPECIFICATION forming part of Letters Patent No. 346,660, dated August 3, 1886.

Application filed February 20, 1886. Serial No. 192,658. (No model.)

To all whom it may concern:

Be it known that I, ALONZO B. JONES, of Jeffersonville, in the county of Clark and State of Indiana, have invented a new and Improved Folding Table, of which the following is a full, clear, and exact description.

My invention relates to the construction of a table wherein the legs are arranged to be folded beneath the top of the table, the table being more especially designed for use as a lady's work-table, but being also applicable to many other uses, as will be readily appreciated from the construction to be hereinafter described.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is an inverted plan view of the folding table, representing the legs as folded upon the top. Fig. 2 is a similar view representing the legs as in the extended position. Fig. 3 is a sectional view taken on line *x x* of Fig. 2. Fig. 4 is a sectional view taken on line *y y* of Fig. 2, and Fig. 5 is a side view of the table in the closed or folded position.

In constructing such a table as is illustrated in the drawings above referred to each pair of legs is mounted upon a cross-bar, B, that is hinged to a plate, C, which plate in turn is secured to the under side of the top A. At the center of the plate C there is mounted a shaft, D, by means of brackets *a a*, and about this shaft there is coiled a spring, E, said spring being preferably formed of a length of wire, the center of which is caught on a knob, *b*, and then coiled about the shaft D, the ends of the wire being arranged to impinge against the outer side of the bar B, so that the action of the spring will tend to throw the bar B to the position shown in Fig. 1. As before stated, the legs of the table are carried by the cross-bar B, the two pairs of legs being arranged so that when folded they will interlock, as shown.

These legs are shown at F F, and upon the upper end of each leg there is fixed a small wheel or roller, G, which rollers or wheels, when the legs are folded beneath the top of the table, act as supports for the device and enable the operator to roll the structure along the floor beneath the bed or other piece of

furniture within the apartment in which the table is being used.

In order that the legs F F may be held extended in the position shown in Fig. 3, I provide each pair of legs with a catch-arm, H, that is pivoted to a bracket, I. The projecting head *h* of the catch-arm H rides in a groove formed in a plate, J, that is mounted by brackets *d d*, so that the plate is slightly removed from the under side of the table-top. Beneath the plate J there are two sliding catches, K K, that are carried by levers L L, pivoted to arms *l*, which in turn are pivotally connected to the upper side of the plate J. The operating ends of the levers L are pivoted to a sliding strip, N, longitudinally slotted to engage with a lug formed on the upper side of the plate J. The outer end of the slide N is turned down at *n*, and in this downwardly-extending portion there is formed an aperture, through which there is inserted the end of a manipulating-rod, *o*, said rod being held in place by a nut, *p*, and the parts being normally held in the position shown in Fig. 2 by the action of a spiral spring, *q*, which is arranged to abut against the inner face of the bracket *r* and the downwardly-extending portion *n* of the slide N. The upper faces of the head *h* of the catch-arms H are beveled off, so that as the legs are extended to the position shown in Fig. 3 the said beveled upper face will strike against the catches K and raise them to allow for a passage of the head of the catch-arm, as will be readily understood from an inspection of Fig. 3.

In opening the table, all that is necessary is to grasp the legs and move them outward till the heads of the arms H have been caught by the catches K, in which position the parts will be held until the levers L L are drawn out, thus withdrawing the catches K from engagement with the heads of the arms H, when the springs E will act to return the legs to the position shown in Figs. 1 and 5.

Although I have described a particular form of spring in connection with my improved folding table, it will of course be understood that any other form of spring arranged to act to return the legs to the folding position would answer my purpose equally as well as the spring described.

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

1. The combination, with a table, of legs
5 carried by cross-bars and hinged to plates that are secured beneath the table-top, said legs being arranged to be folded beneath the top, each leg being provided with a wheel, G, substantially as described.
- 10 2. The combination, with a table-top provided with a grooved bar, J, the cross-bars B, hinged to the under side of the table-top, the legs F, secured to the cross-bars, and the piv-
15 15 oted arms H, of the pivoted levers L, the catches K, secured to the said levers, the slide N, and the spring-actuated operating-rod O, substantially as herein shown and described.
3. The combination, with a table-top pro-
20 20 vided with ways on its under side and legs

hinged to the said table-top, of arms pivoted
20 to the legs, and provided with heads working in the said ways, and sliding catches for engaging the heads of the said arms to hold the legs open, substantially as herein shown and de-
25 scribed.

4. The combination, with a table-top pro-
25 vided with ways on its under side, and legs hinged to the said top, of arms pivoted to the legs, and provided with heads working in the said ways, and having their upper faces bev-
30 eled, and spring-actuated catches on the under side of the table-top, substantially as and for the purpose set forth.

ALONZO B. JONES.

Witnesses:

SAMUEL J. JAMISON,
WM. ROYCE.