

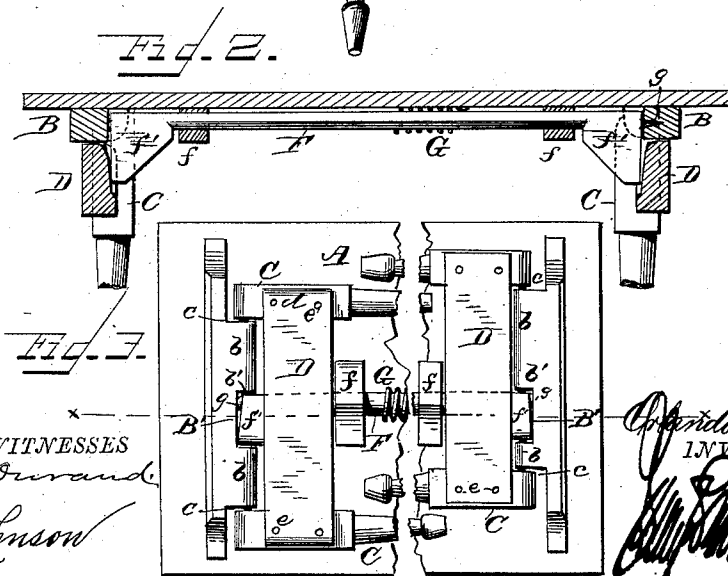
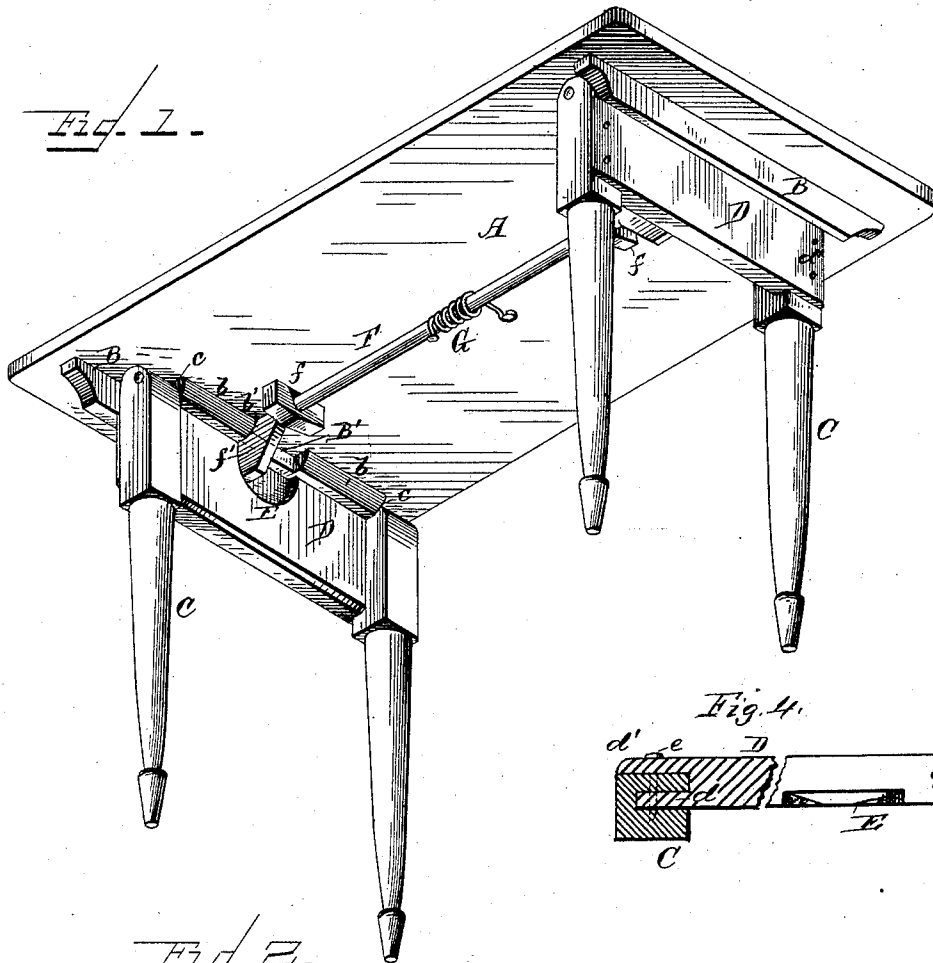
(No Model.)

O. A. THAYER.

FOLDING TABLE.

No. 320,413.

Patented June 16, 1885.



# UNITED STATES PATENT OFFICE.

ORLANDO A. THAYER, OF PARIS, MAINE.

## FOLDING TABLE.

SPECIFICATION forming part of Letters Patent No. 320,413, dated June 16, 1885.

Application filed November 26, 1884. (No model.)

*To all whom it may concern :*

Be it known that I, ORLANDO A. THAYER, a citizen of the United States of America, residing at Paris, in the county of Oxford and State of Maine, have invented certain new and useful Improvements in Folding Tables; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

My invention relates to certain new and useful improvements in folding tables; and it consists in the construction and combination of the parts as will be hereinafter more fully set forth, and pointed out in the claim.

In the accompanying drawings, which illustrate my invention, Figure 1 is a perspective view. Fig. 2 is a sectional view; Fig. 3, a plan view of the under side of the table; and Fig. 4, a detail view, partly in section.

A represents the top of a table, to the under side of which, adjacent to the ends of the same, are secured transverse bars B, which bars are cut away at their ends and centrally recessed, so as to provide projecting portions *b b*. To the shoulders *c c* of the bar B are pivotally attached the upper ends of the legs C, which are rounded, as shown. The central recesses in the bars B B are on a line with each other, and the shoulders *c c* are upon different longitudinal planes, so that the legs, when folded against the top, will lie adjacent to each other, as shown in Fig. 3. The legs are connected to each other by a transverse cross piece, D, and a mortise is formed on their inner sides for the reception of the tenon *d*, formed on the ends of the cross-pieces D. These cross-pieces are also provided with tongues *d'*, which fit over the outer corners of the legs C, and screws or nails *e* pass through these tongues and tenons and secure the legs and cross-pieces rigidly to each other. Immediately above the recesses B' in the transverse bars the cross-pieces are provided with beveled recesses E, which taper from the upper edge of the cross-piece to its lower edge, as shown in Fig. 2. Centrally to the under side of the table is se-

cured, by means of cleats *f f*, a longitudinal bar, F, which is provided at its ends with buttons or projecting portions *f'*, the outer portion of said buttons having straight edges, as shown, and from these buttons, on a line with the bar F, project pins *g*, which enter recesses formed in the edge of the transverse bar B. The rod F is provided near its center with a spring, G, which is attached at one end to the same, and coiled spirally around said bar, the opposite end being attached to the under side of the top of the table. This spring has a tendency to throw the buttons formed on or attached to the end of the bar or rod F in a vertical position, or at right angles with the top of the table, the shoulders *b'* upon the transverse bar preventing the buttons being carried beyond the vertical position.

By the construction hereinbefore described I provide a folding table the parts of which are simple in construction and effective in operation, the legs of which will be automatically held in a vertical position when raised from the top.

I am aware of Patent No. 176,380, granted April 18, 1876, to one Tambling, for an improved folding table; and I therefore do not claim, broadly, any features set forth in said patent.

I claim—

In a folding table, the top A, having rigidly attached to the same transverse bar, B B, with inwardly-projecting portion, *b b*, between which are located recesses, B' having shoulders *b'*, the legs C, connected to each other by cross-pieces D, having beveled recesses E, in combination with the central longitudinal bar, F, attached pivotally to the table-top, and provided at each end with projecting portions *f'*, with straight edges at their outer end, and spring G, embracing said bar, the ends of said spring being attached to the bar and table-top, substantially as shown, and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

ORLANDO A. THAYER.

Witnesses:

ALBERT S. AUSTIN,  
JOHN F. STANLEY.