W. R. BURLINGAME.

FOLDING TABLE.

APPLICATION FILED NOV. 1, 1907.

910,354. Patented Jan. 19, 1909.

Fig. 1.

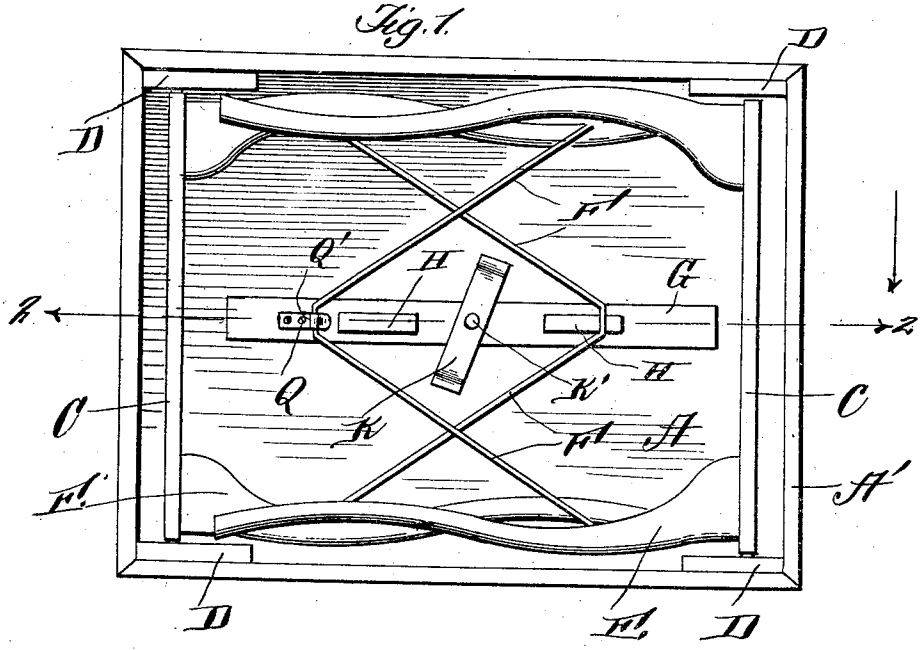


Fig. 2.

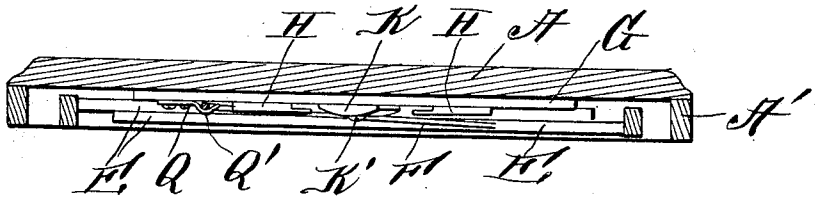


Fig. 3.

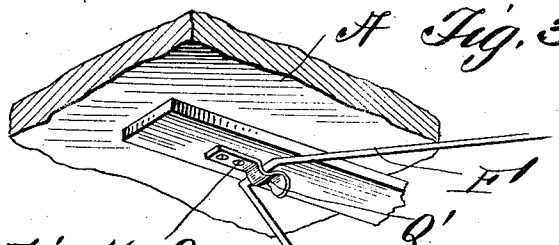
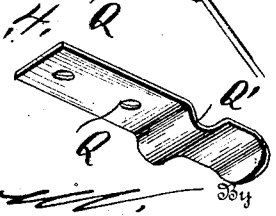


Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

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FOLDING TABLE.

No. 910,354. Specification of Letters Patent. Patented Jan. 19, 1909.

Application filed November 1, 1907. Serial No. 400,170.

To all whom it may concern:

Be it known that I, WALTER R. BURLINGAME, a citizen of the United States, residing at Lowville, in the county of Lewis and State of New York, have invented certain new and useful Improvements in Folding Tables; and I do 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 the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in tables and especially in the provision of means for holding the legs folded together underneath the top and comprises various other details of construction, combinations and arrangements of parts which will be hereinafter fully described and then specifically defined in the appended claim.

My invention is illustrated in the accompanying drawings, in which:—

Figure 1 is a bottom plan view of the folding table showing the application of my invention to the table. Fig. 2 is a vertical sectional view through the table with the legs folded. Fig. 3 is a perspective view showing the catch applied to the under portion of the table, and Fig. 4 is an enlarged detail perspective of the spring catch.

Reference now being had to the details of the drawings by letter, A designates a table top which may be of any shape or size, provided preferably with a marginal flange A′ about the bottom surface thereof.

C—C designate two rounds or shafts which are journaled in apertures in the blocks D which are fastened to the inner faces of said flanges and E—E designate legs which are fixed to said rounds or shafts and adapted to rock therewith, the limit of the rocking movements of said shafts being one quarter of the arc of a circle, whereby the legs may be thrown at right angles to the table or folded parallel therewith.

F—F designate V-shaped brace rods, the ends of which are bent in alinement with each other and pivotally mounted in the apertures in the legs.

G designates a strip which is fastened to the bottom of the table and H—H designate cleats which are fastened to said strip and spaced apart, the inner ends of said cleats being under cut to receive the beveled ends of the button K which is pivotally mounted upon a pin K′ fixed to said strip. The purpose of said cleats is to receive the angled portions of said rod when the legs are opened out, the rods being held intermediate the ends of the button and the cleats. A spring catch Q made of a resilient material is fastened in any suitable manner to said strip and has a transverse groove Q′ therein of sufficient size to receive one of the angled portions of the brace rods, the extreme free end of the catch being upwardly bent in order to allow the rod to freely pass underneath the same, the spring catch yielding to allow the rod to engage the groove, after which said catch will spring down and securely hold the rod which is folded over the under angled rod, as shown clearly in Fig. 1 of the drawings.

In operation, when it is desired to fold the table, the button is first opened as shown in Fig. 1, the angled portions of the rod released from the cleats and the shafts or rounds given a one quarter revolution, which will throw the legs into folded relation, as shown in Fig. 1 of the drawings. When the rods are folded as shown, the angled portion of one will rest upon the outer surface of one of the cleats and the superimposed angled rod will bear against the under rod and hold the same against said cleat while the angled part of the outer V-shaped rod may be pushed underneath the resilient end of the catch and thereby securely holding the legs folded. When it is desired to throw the legs to open positions at right angles to the table, the outer rod is pulled from underneath the spring catch, after which the rods may be adjusted and locked open or at right angles to the table.

What I claim to be new is:—

In combination with a table having legs pivotally mounted thereon and adapted to fold underneath the table, V-shaped brace rods having their ends pivotally connected to said legs, the apexes being flattened and forming parallel portions, a strip fastened to the under surface of the table, cleats projecting from said strip in alinement with each other and spaced apart, the adjacent ends of said cleats being undercut, a button pivotally mounted between said cleats and having its outer face inclined adapted to swing underneath said undercut ends of the cleats

with slight spaces intervening between the ends of the button and the shoulders formed at the ends of the undercut portions of the cleats, and a spring clip fastened to said strip with its free end spaced apart a slight distance from the end of one of said cleats, as set forth.

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

WALTER R. BURLINGAME.

Witnesses:
C. DIX MITCHELL,
JAY C. BARDE.