

M. B. DODSON.

TABLE.

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1,009,958.

Patented Nov. 28, 1911.

Fig. 1.

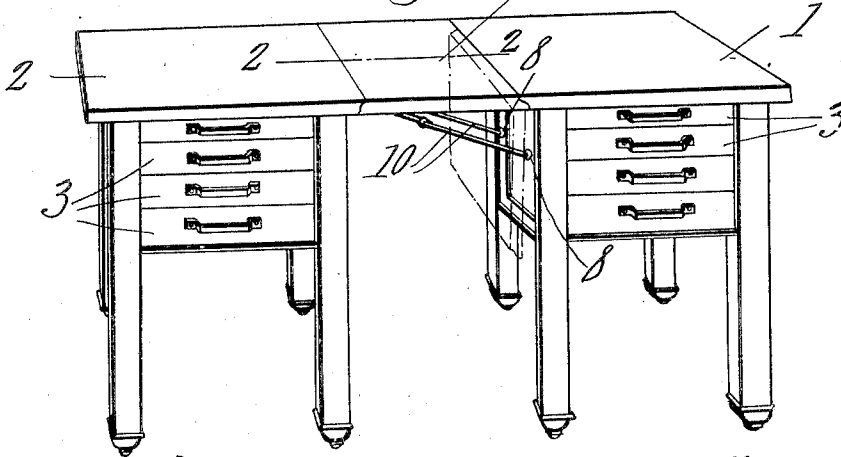


Fig. 2.

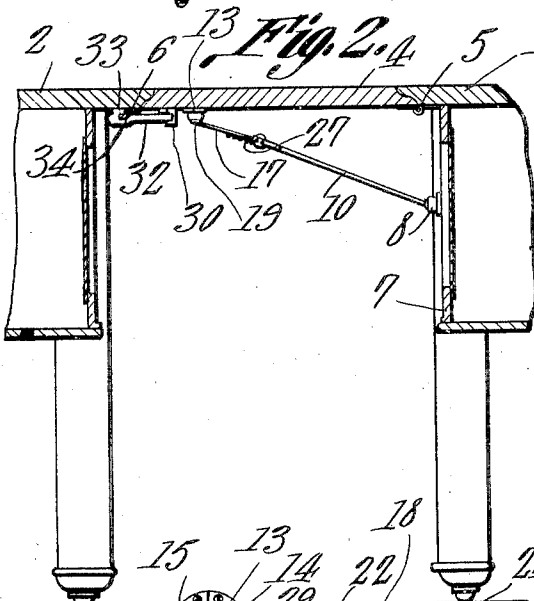


Fig. 3.

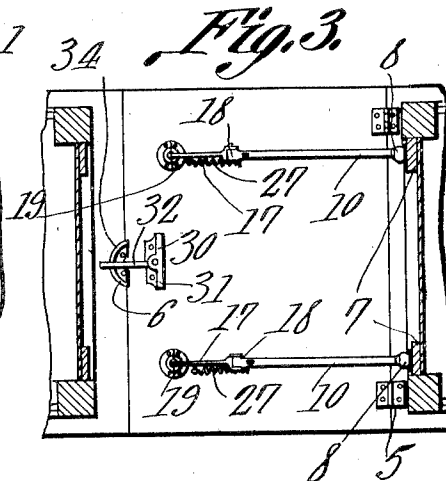


Fig. 4.

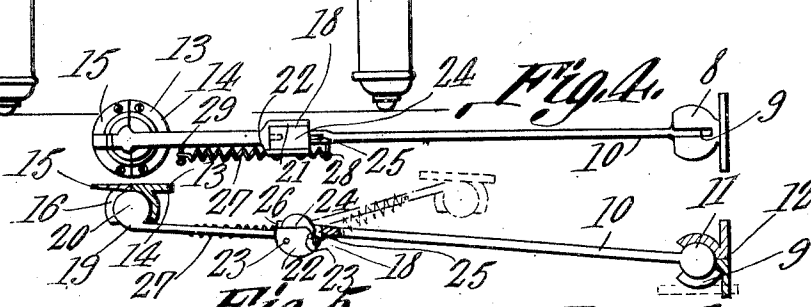


Fig. 5.

Witnesses

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TABLE.

1,009,958.

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To all whom it may concern:

Be it known that I, MARY B. DODSON, a citizen of the United States, residing at Penn Yan, in the county of Yates and State of New York, have invented a new and useful Table, of which the following is a specification.

This invention belongs to the art of household and office furniture, especially of the light portable type, and as illustrated in the drawings, the invention refers to a new and useful article of manufacture, such as a combination table and music cabinet, there being two illustrated in Figure 1 of the drawings, each provided with means whereby a swinging leaf of one may be held in a raised position and connected to the other, thus providing a twin table or music cabinet.

The object of the invention is to provide novel constructed means disposed between the frame of the table or cabinet and the swinging leaf thereof, to hold the swinging leaf in a horizontal position, so that the same may be connected to a table similar in construction, in the manner illustrated in Fig. 1.

In the drawings:—Fig. 1 is a view in perspective, showing two tables or music cabinets, joined together by an intermediate swinging leaf, showing means carried by one table or cabinet for the support of the leaf. Fig. 2 is a sectional view on a line 2—2 of Fig. 1. Fig. 3 is a bottom plan view, clearly showing the supporting members for holding the swinging leaf in a horizontal position, and further showing the means for connecting the leaf to the adjacent table or cabinet. Fig. 4 is a plan view, showing the supporting device on an enlarged scale. Fig. 5 is a side elevation of the support, shown as being projected from the view in Fig. 4.

Referring to the drawings, 1 and 2 designate tables or music cabinets, which are rectangular in contour, as shown in Fig. 1. Each table or cabinet is provided with a series of drawers 3. The table or cabinet 1 has hinged to the top thereof at one side, a swinging leaf 4. This leaf 4 is hinged as at 5 to the table 1, as shown in Fig. 2. The table 2, however, is not provided with a swinging leaf, but beneath the top at one side of the table, there is provided a semicircular flanged plate 6, the purpose of which will hereinafter appear.

To the frame 7 as seen in Fig. 3 of the table 1, are fixed socket members 8, the shell of which is slotted as at 9 for the reception

of the rod 10, when the swinging leaf is dropped in a position as shown in dotted lines in Fig. 1. Attention is called to Figs. 1 and 3, in which there are disclosed two supporting rods 10, and upon their fixed ends balls 11 are formed, which are seated in the sockets 8. It will be observed, in Fig. 5, that the sockets are made in two pieces, placed together as shown at 12 in Fig. 5. It will be understood that when the swinging leaf is disposed as shown in dotted lines in Fig. 1, the rods 10 enter the slots 9. Carried by the leaf itself are also sockets similar to those fastened to the frame of the table. These sockets 13 also consist of two parts 14 and 15, so constructed, when placed together, as to form slots 16 which receive the rods 17, when the swinging leaf is thrown in a position as shown in dotted lines in Fig. 1, or as shown in dotted lines in Fig. 5.

Upon referring to the drawing it will be observed that the rods 10 and 17 are joined together by a barrel and hub joint 18, while the end 19 of the rod 17 is provided with a ball 20, which is seated in the socket 13. These joints 18 comprise a barrel shaped member 21, with a plate 22 detachably carried at one end, the same being secured to the barrel by means of screws 23 as seen in Fig. 5. The hub 24 of the joint 18 is carried integrally by the rod 10 and is seated in the barrel as shown in Fig. 5, there being one of these joints for each pair of rods 10 and 17. At the point where the rod 10 becomes a part of the hub 24, the rod 10 is provided with an opening 25 which receives a lug 26 of the barrel member 21, that is to say, when the leaf 4 of the table 1 is thrown in a position as shown in dotted lines in Fig. 1. It will be observed that to place the hub within the barrel, the end 22 of the barrel is first removed, and then the hub is inserted endwise into the barrel, and when in place the lug 26 holds the hub true to its position and work.

Connected between the rods 10 and 17 are springs 27 which are so arranged with regard to the center of the hub and barrel joint, as to hold the rods in their extensible positions or in their collapsible positions. In other words, when the rods 10 and 17 are extended, as shown in Figs. 1 and 2, as well as Figs. 4 and 5, the spring 27 contracts on the lower side of the joint 18, but when the rods 10 and 17 are in a collapsed

position, the springs 27 collapse on the opposite side of the center of the joint 18. When these springs are contracting there is a tendency to collapse the rods or to hold them extended. These springs 27 are connected as at 28 and 29 to the rods 10 and 17.

When the leaf of the table 1 is held in a horizontal position, as shown in Fig. 1, there necessarily has to be some means for connecting the leaf to the table 2. This is accomplished, however, by a plate 30, between ears 31 on which a swinging dog 32 is pivoted. This dog, as seen in Fig. 2, is provided with a nose 33, which engages under the semiannular flange 34 of the semicircular plate 6, previously referred to. It will be observed that by this plate 6 and the swinging dog 32 this swinging leaf 4 may be held in a raised horizontal position as seen in Fig. 1.

From the foregoing, in connection with the annexed drawings, it will be manifest that a novel form of means is provided, for the support of a swinging leaf in a horizontal position, so that the leaf may be connected securely to an adjacent table or cabinet as seen in Fig. 1. It will be observed that the edge which engages the top of the table 2 is so formed as to prevent upward movement of the leaf, especially when the swinging dog is securely in engagement with the semicircular keeper plate 6, as seen in Figs. 2 and 3.

The invention having been set forth, what is claimed as new and useful is:

1. In a leaf support for tables, a leaf hingedly connected to the table, a rod pivotally supported by the table, a rod pivotally supported by the leaf, an enlargement formed integral with the end portion of the first mentioned rod, a barrel formed integral with the end portion of the second mentioned rod, said barrel receiving said enlargement, and a projection carried by said barrel, said projection entering an aperture formed in the first mentioned rod.

2. In a leaf support for tables, a leaf hingedly connected to the table, a rod pivotally supported by the table, a rod pivotally supported by the leaf, a cylindrical enlargement formed integral with the end portion of the first mentioned rod, a barrel arranged on the end portion of the second mentioned rod, said barrel being formed with an extension arranged to extend within said enlargement and a projection carried by said barrel, said projection being arranged to enter an aperture formed in the first mentioned rod.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

MARY BRAYMAN DODSON.

Witnesses:

H. K. ARMSTRONG,
GEORGE S. SHEPPARD.