J. F. ALTERMATT.

COMBINED TABLE AND IRONING BOARD.

APPLICATION FILED SEPT. 5, 1911.

1,040,255.

Patented Oct. 8, 1912.

2 SHEETS—SHEET 1.

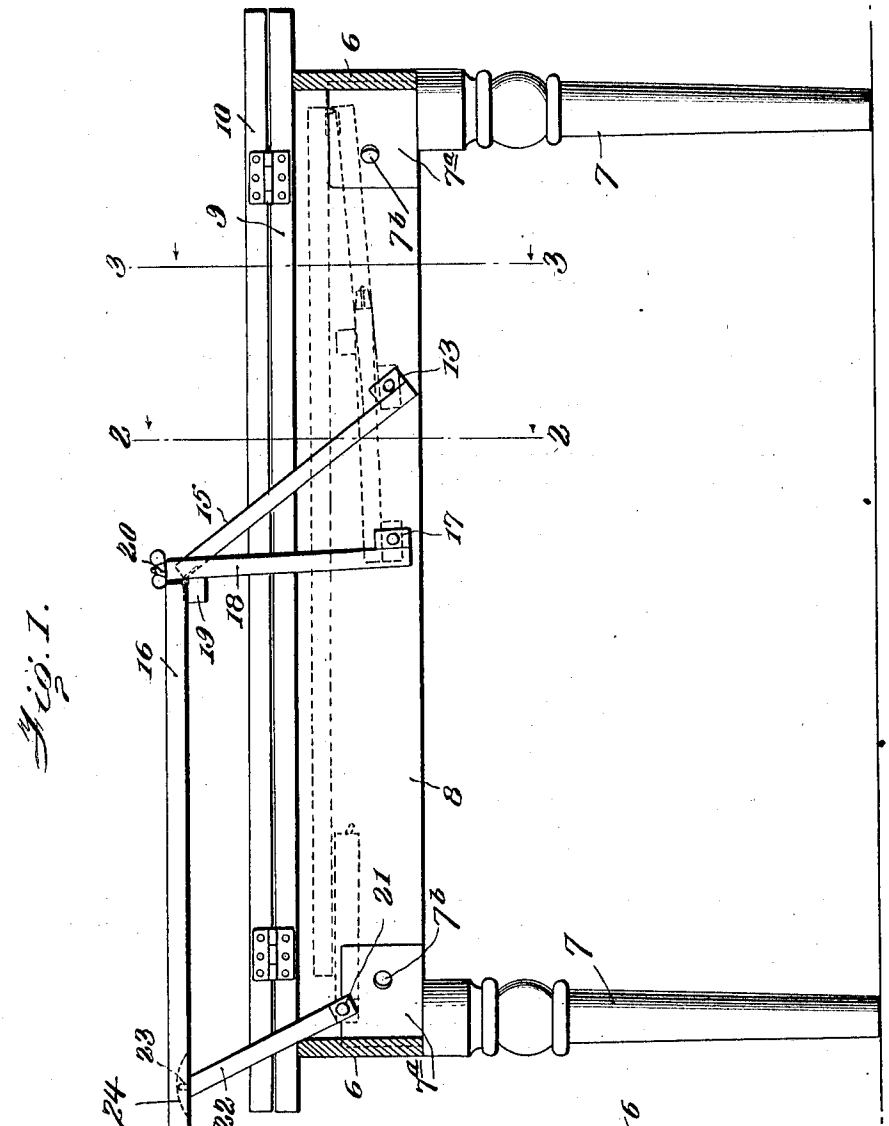

Fig. 1.

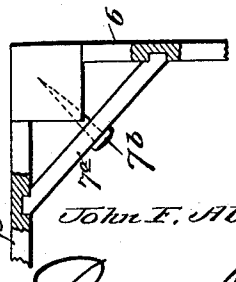

Fig. 5.

Witnesses

Kelge A. Murray

Chas. S. Hoyer

Inventor

John F. Altermatt

By James L. Morris & Co.

Attorney

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2 SHEETS—SHEET 2.

Fig. 2.

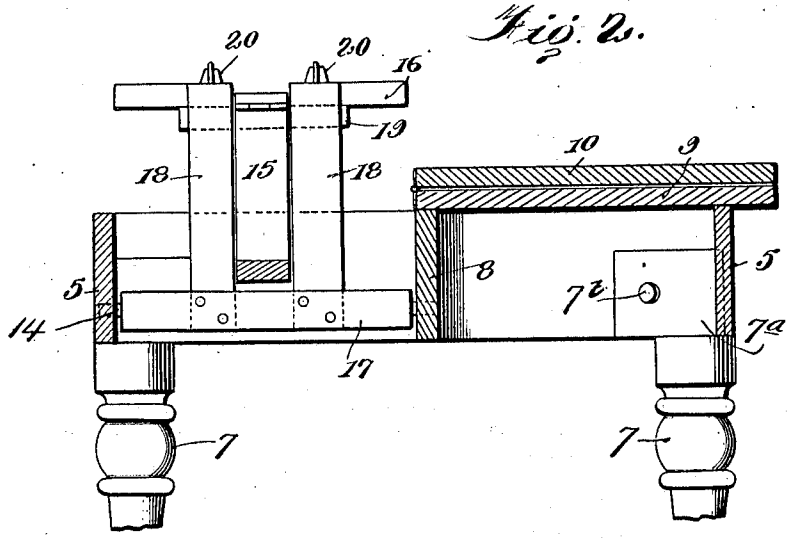


Fig. 3.

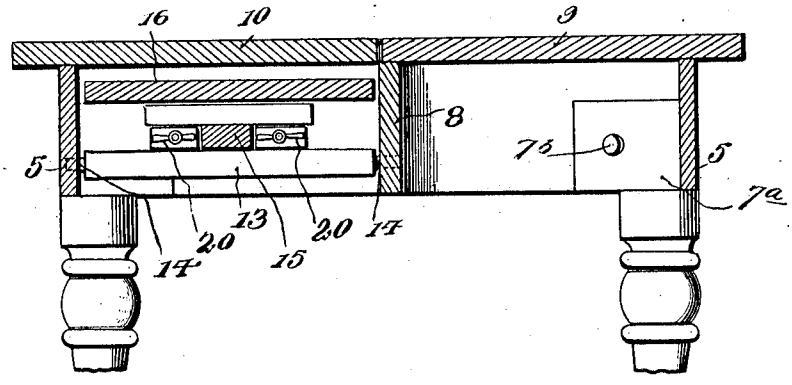
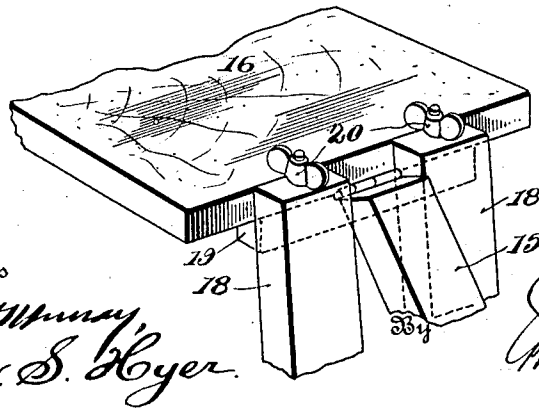


Fig. 4.



Witnesses

Helga M. Murray

Chas. S. Hoyer.

Inventor

John F. Altermatt

By James L. Norris

Attorney

COLUMBIA PLANOGRAPH CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JOHN F. ALTERMATT, OF SOUTH BEND, INDIANA.

COMBINED TABLE AND IRONING-BOARD.

1,040,255. Specification of Letters Patent. Patented Oct. 8, 1912.

Application filed September 5, 1911. Serial No. 647,657.

To all whom it may concern:

Be it known that I, JOHN F. ALTERMATT, a citizen of the United States, residing at South Bend, in the county of St. Joseph and State of Indiana, have invented new and useful Improvements in Combined Tables and Ironing-Boards, of which the following is a specification.

This invention relates to a combined table and ironing board, and the primary object of the same is to provide an ordinary table, such as is used in kitchens and other places, with a simple and effective form of ironing board attachment having an elevating and a longitudinal forward movement relatively to the table when disposed in operative position and capable of being completely concealed beneath the table top when in disuse and permitting the table to be used for other purposes.

With these and other objects and advantages in view the invention consists in the construction and arrangement of parts which will be more fully hereinafter described and claimed.

In the drawings: Figure 1 is a longitudinal sectional elevation of a table embodying the improved ironing board attachment and showing the latter elevated in operative position. Fig. 2 is a transverse vertical section on the line 2—2, Fig. 1. Fig. 3 is a transverse vertical section on the line 3—3, Fig. 1, showing the ironing board attachment depressed and the table top closed. Fig. 4 is a detail perspective view of a part of the ironing board attachment. Fig. 5 is a detail plan view partially broken away and showing the manner of detachably securing the table legs.

The table, preferably of the knockdown type, is composed of a frame embodying the usual side and end members 5 and 6 and separable legs 7 detachably secured at the corners by strips 7^a and fastenings 7^b, and in addition to the ordinary frame structure a longitudinal support 8 extends from end to end of the table and the top is composed of a fixed member 9 and a hinged member 10, the said top being centrally divided in a longitudinal direction, as clearly shown by Figs. 2 and 3, and the member 10 hinged to the member 9.

The ironing board attachment comprises a fulcrum bar 13 having end trunnions 14 rotatably projecting into one side member 5 and the intermediate support 8. Rigidly connected to the fulcrum bar 13 is a connecting bar 15 hinged at its upper end to one end of an ironing board 16. At a short distance from the fulcrum bar 13 a similar fulcrum bar 17 is mounted between the side member 5 and support 8 engaged by the fulcrum bar 13, both fulcrum bars 13 and 17 extending transversely in relation to the table. To the fulcrum bar 17 a prop is rigidly connected and consists of two parallel bars 18 spaced at their inner edges a sufficient distance to freely move over the connecting bar 15, the said bars 18 being connected adjacent to their free ends by a cross-strip 19 which serves as a prop ledge or rest for the end of the ironing board 16 hinged to the connecting bar 15. In the free ends of the bars 18, clamping devices are applied and consist in the present instance of winged nuts 20 which are adapted to be turned so as to bring one wing of each over the upper portion of the adjacent end of the ironing board 16 when the prop is raised in operative position to securely hold the said ironing board tightly down against the ledge or rest 19 and lock the parts against movement. Adjacent to one end 6 of the table frame another fulcrum bar 21 is mounted similarly to the fulcrum bars 13 and 17 and has a connecting bar 22 attached thereto, and at its upper end the bar 22 is provided with a pin 23 which fits into a slot 24 in the under portion of the board to prevent the latter from swinging sidewise at the forward end when raised in operative position.

When the parts of the ironing board attachment are depressed, the board, after the clamping devices 20 are released, is moved longitudinally and gradually pressed downwardly into the table frame below the table top section or member 9, and during such movement the prop is depressed and the strip 19 moves over the connecting bar 15 until the attachment is fully depressed and at the same time the connecting bar 22 is moved downwardly into the frame and the hinged table top section 10 may then be closed to completely conceal the attachment. When it is desired to use the attachment the table top section 10 is opened and thrown back, as shown by Figs. 1 and 2, and the ironing board is drawn upwardly and as it rises it is moved longitudinally forward until the full elevation thereof is reached. The connecting bar 15 will thus be thrown

over past its center and the connecting bar 22 is manually raised and the pin 23 inserted in the slot 24. At the same time the prop, comprising the bar 18, will be raised and the ledge or rest 19 will be drawn under the inner extremity of the board, and finally the clamping devices 20 will be tightened to hold the board against movement.

The attachment will be found exceptionally convenient in its operation and use, and by the application of the same to the table as specified one article of furniture is adapted to perform two distinct functions with economy in space as compared with the use of a separate table and ironing board. Furthermore, it will be observed that the board 16 when elevated into operative position has the greater portion thereof disposed above the table and in view of this arrangement the free projected end of the board is capable of receiving a great amount of pressure thereon without liability of tilting the board and table, and the necessity of a prop at the outer free end of the board is avoided.

One of the main advantages of the ironing board attachment is that it may be applied to tables now in use, it only being necessary to divide the top and hinge one section thereof and introduce the longitudinal support 8.

It is also obvious that the proportions and dimensions of the attachment may be varied at will to accommodate application thereof to tables of different sizes.

What is claimed is:

1. In a device of the class specified, the combination of a table having a hinged top member, and an ironing board attachment comprising a board, supporting devices for the board fulcrumed adjacent one of their ends to the tableframe below the hinged top member and having their opposite ends associated with the board, and a prop device fulcrumed at its lower portion within the tableframe and coöperating with the board, said prop device being actuated by the board during the elevation and depression of the latter to automatically elevate and depress it during the corresponding movements of the board, means to secure the prop to the board when in elevated position, the board when being elevated moving upwardly and longitudinally forward and when elevated having its greater portion disposed over the table and one extremity extending beyond the adjacent end of the table, the attachment when depressed being fully concealed by closing the hinged member of the table top.

2. In a device of the class specified, the combination of a table having a top composed of a fixed member and a hinged member, an ironing board, fulcrum bars disposed in different positions within the table frame, connecting bars, each having one of its ends attached to one of the fulcrum bars and its other end associated with the ironing board, another fulcrum bar having a prop rigidly connected thereto and provided with a supporting ledge to engage one end of the ironing board, and clamping devices carried by the prop to secure the ironing board against the ledge and the attachment as a whole against movement.

3. In a device of the class specified, the combination of a table having a top with a fixed member and a hinged member, an ironing board, connecting bars associated with different portions of the ironing board and fulcrumed within the frame of the table, one of said connecting bars when elevated causing the ironing board to move longitudinally forward over the table, a prop consisting of bars fulcrumed at their lower ends within the table frame and having a connecting ledge near their free ends to serve as a rest for one end of the ironing board, the said prop moving over the connecting bar adjacent thereto in the elevating and depressing movements of the attachment and disposed in operative position by said connecting bar, and clamping devices carried by the free ends of the bars of the prop to engage the adjacent end of the ironing board to hold the latter against the said prop and lock the attachment as a whole against movement.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JOHN F. ALTERMATT.

Witnesses:
HELEN E. SHANK,
GEORGE F. WAHL.