Feb. 25, 1930. J. B. FLOCCHINI 1,748,413

FOLDING TABLE

Filed Jan. 23, 1928 2 Sheets-Sheet 1

Fig. 1.

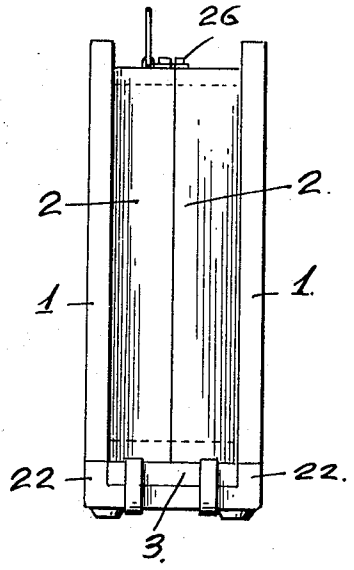


Fig. 2.

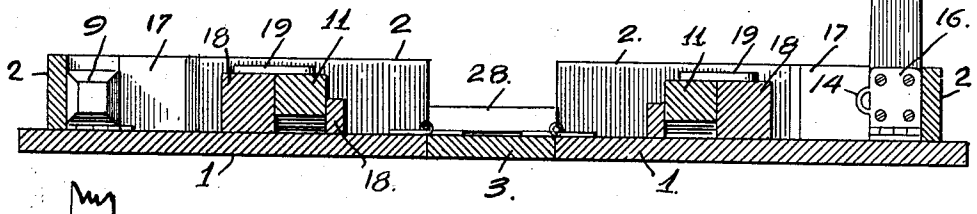
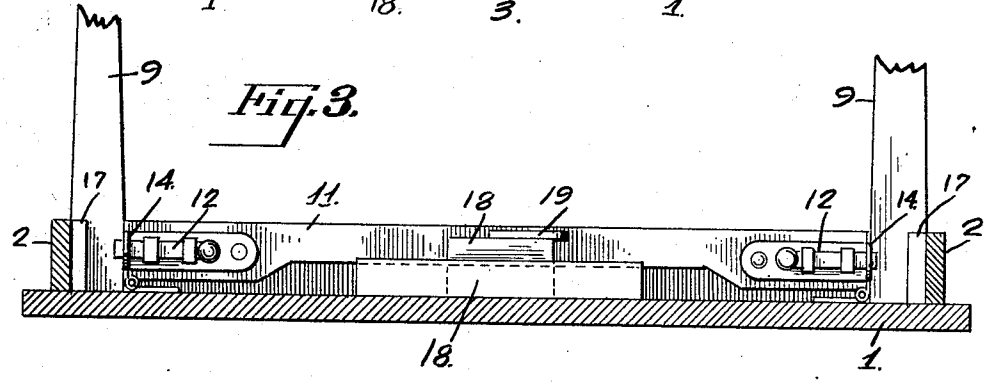


Fig. 3.



INVENTOR.
JOHN B. FLOCCHINI.
By Arthur L. Slee.
ATTY.

Feb. 25, 1930. J. B. FLOCCHINI 1,748,413

FOLDING TABLE

Filed Jan. 23, 1928 2 Sheets-Sheet 2

Fig. 4.

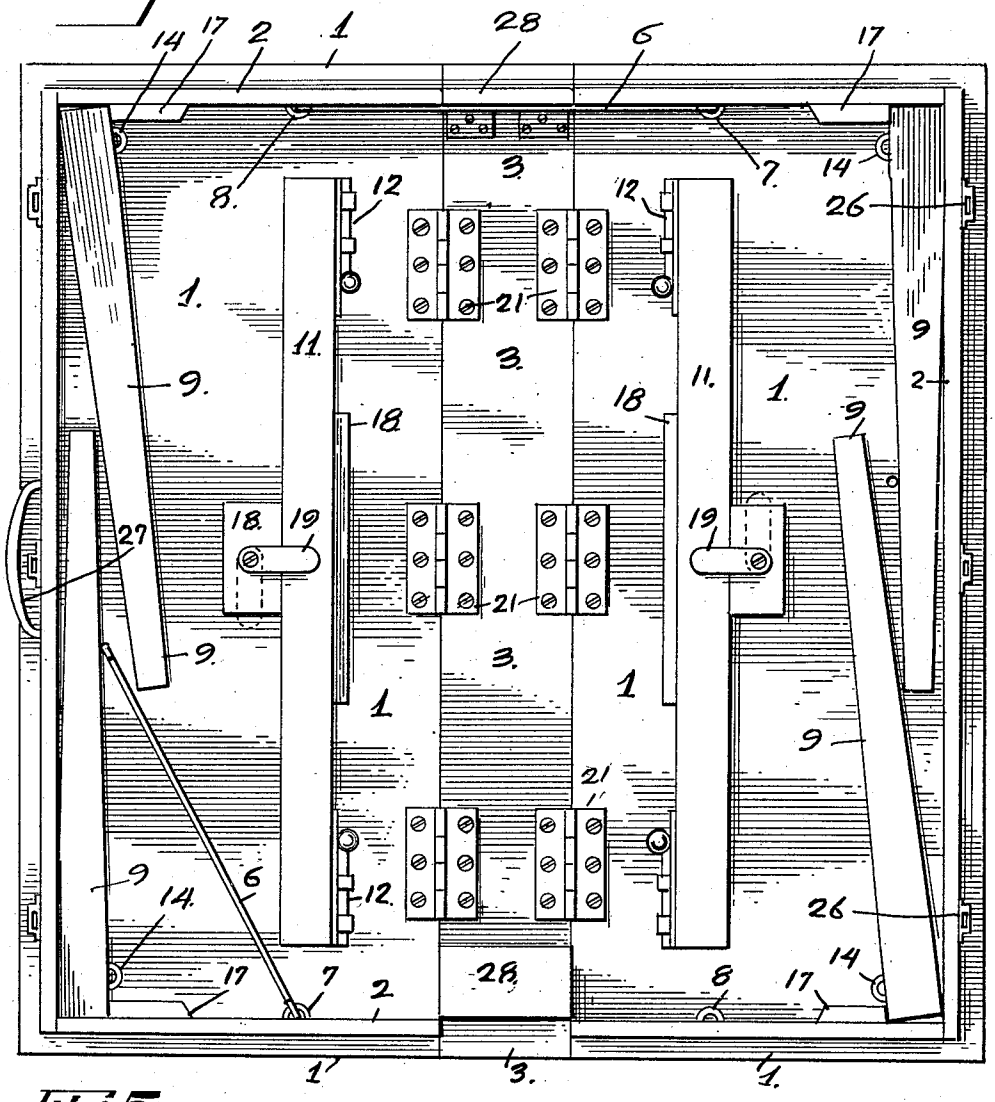
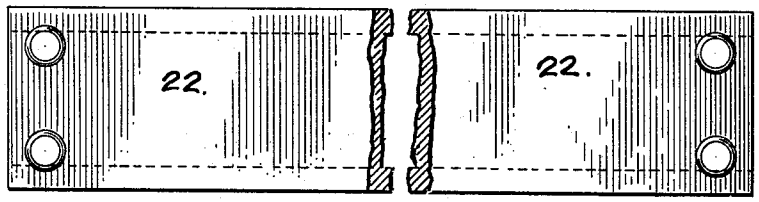


Fig. 5.



INVENTOR.
JOHN B. FLOCCHINI.
By Cutlass L. Slee.
ATTY.

Patented Feb. 25, 1930 1,748,413

UNITED STATES PATENT OFFICE

JOHN B. FLOCCHINI, OF SAN FRANCISCO, CALIFORNIA, ASSIGNOR OF ONE-HALF TO MARY SCALA, OF SAN FRANCISCO, CALIFORNIA

FOLDING TABLE

Application filed January 23, 1928. Serial No. 248,784.

My invention relates to improvements in folding tables wherein side and a back or central portions are hingedly connected to form a table when opened and a box for carrying or storing certain articles when closed, may be formed.

The primary object of the present invention is to provide a new and improved article of manufacture comprising a folding table.

Another object is to provide a new and improved article of manufacture comprising a folding table consisting of a box provided with two side sections and a central section, which when extended into a common plane, will form a table in conjunction with legs hingedly connected within the corners of the side sections.

A further object is to provide a new and improved folding table which may be closed to form a box within which certain articles may be stored or carried.

A still further object is to provide a new article of manufacture consisting of a folding table formed from a box within which, when closed, are stored the legs and other supporting structure for the table, as well as certain other articles for storage or transportation purposes.

A still further object is to provide a new and improved article of manufacture comprising a folding table closed to form a box having the appearance of a suit-case, so that a neat and pleasing exterior may be imparted to the table when closed.

The invention consists in the particular details and arrangement of the parts as disclosed in the drawings forming a part of the present application wherein like characters of reference are used to designate similar parts throughout the specification and drawings, and in which—

Fig. 1 is an end elevation of my improved folding table, when closed to form a box or suit-case;

Fig. 2 is a vertical sectional view of the box, disclosing the side sections opened or extended into a common plane to form a table top, shown with one leg extended;

Fig. 3 is a broken sectional view disclosing two legs extended and locked in such position;

Fig. 4 is a plane view of the box extended to form a table top with the legs in folded or closed position; and

Fig. 5 is a bottom plan view of the protective member for attachment to the box, when closed, to protect the central member against wear.

Referring to the drawings the numeral 1 is used to designate a pair of side sections having the usual flanges 2 to be found depending from the under surface of a standard deal table top.

The side sections 1 are hingedly connected to a back or central portion 3 provided with flanges 28 hingedly connected thereto and arranged to be moved into engagement and alignment with the end of the flanges 2 of the sections 1 when said side sections 1 and 3 are moved or extended into a common plane to form a table top, as disclosed in the upper central portion of Fig. 4 of the drawings.

Suitable braces 6 are pivotally connected to eyelets 7 in the inside of each side section 1 and arranged to engage similar eyelets 8 on the opposite section 1 as disclosed in the upper portion of Fig. 4 of the drawings.

Suitable legs 9 are hingedly connected to the inner corners of the sections 1 and when extended to form supports for the table, said legs 9 are rigidly held within said corners by means of struts 11, the ends of which struts 11 engage the adjacent surfaces or sides of each pair of legs and rigidly hold said legs against the inner corners of the side section, as fully disclosed in Fig. 3 of the drawings.

In order to retain engaging relation of the ends of the struts 11 with the legs 9 I have provided each end of said struts with bolts 12 which engage eyelets 14, which eyelets 14 are preferably formed integral with the hinges 16 by means of which hinges 16 the legs 9 are connected to the side sections 1 of the table.

In order to further support said legs 9 I have provided blocks 17 which are rigidly and permanently secured upon the inner sides of the depending flanges 2 so as to form a slight recess between said blocks 17 and

the adjacent corner of said flange 2, as disclosed in Fig. 4 of the drawings.

In order to hold the struts conveniently in position when disengaged from the legs I have provided battens 18 rigidly secured in pairs upon the inside of each side section 1 and spaced to receive between each pair, one of the struts 11, one of each pair of battens 18 being provided with a suitable latch 19 to retain the strut 11 within the space between its respective pair of battens 18, when the table is to be folded.

The side sections 1 and central or back section 3 are hingedly connected upon their inner surfaces by means of suitable hinges 21 so that when said sections 1 and 3 are folded or closed together to form a box or suit-case as disclosed in Fig. 1 of the drawings, an outer right-angled recess is formed at the junctions of the side sections with the central or back section 3, and in order to protect the surface of the central section 3 from undue wear, as it then becomes the bottom of the box, when folded, I have provided the bottom or channel member 22 whose flanges enter said right-angled recesses and thereby provide a more finished appearance to the box when closed, and at the same time said channel member 22 provides a cover for the bottom central section 3 to protect the same from undue wear, as would otherwise occur when the closed box is set upon the ground.

Suitable latches 26 and a handle 27 are provided to further impart the appearance of a closed box or suit-case and also to keep the box closed during storage or transportation.

The central section 3 is also provided with flanges 28 hingedly connected thereto, which flanges 28 are arranged to be moved into alignment with the depending flanges 2 of the side sections 1 whereby said flange may be continued entirely around the table top when extended and in use as a table. When the table is to be closed or folded these flanges 28 are folded upon their hinges, back onto the inner surface of the back or central section 3, as disclosed in Fig. 2 and the lower central portion of Fig. 4 of the drawings, thereby permitting the side sections 1 to be closed together when folding.

In operation, when the table is closed to form a box or suit-case, as disclosed in Fig. 1 of the drawings, the latches 26 are released and the two side sections 1 are moved upon their respective hinges 21 until the side and central sections 1 and 3 respectively are extended into a common plane, as disclosed in plan view in Fig. 4 of the drawings. The braces 6 are then moved from storage to folded position, as disclosed in the lower left hand corner of Fig. 4, to the locking position disclosed in the upper portion of said figure, after the flanges 28 have been moved into alignment with the flanges 2 of the side sections 1.

The legs 9 are then moved upwardly into their respective corners and the struts 11 are removed from between their respective battens 18 and placed between the legs 9 as disclosed in Fig. 3 of the drawings, and the bolts 12 are moved to engage the eyelets 14 on the legs 9 to rigidly secure said struts in position.

The table will now be extended but will be up-side-down and it is only necessary to reverse its position to place it in operative position as a table.

In folding the table the above operation is reversed, the battens 11 are removed from between the legs 9, folded into their respective side sections 1, the struts 11 are placed between their respective battens 18 and secured therein by turning the latches 19, the side sections 1 are moved upon their respective hinges 21, after the hinged flanges 28 are first moved out of the way, and the two side sections 1 are then closed together to form a suit-case or box, and secured in such closed position by the latches 26.

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

In a new article of manufacture, a folding table comprising a box consisting of two side sections hingedly connected to a back and central section said side and central sections being extendable into a common plane to form a table top when said box is opened; means for locking said sections in said extended position; legs hingedly mounted within the inner corners of said side sections; means for locking said legs in such extended position; means for locking the box in a closed position; and a channel member secured to the bottom of the central section when the table is folded, to prevent injury to the surface of said central section.

In witness whereof, I hereunto set my signature.

JOHN B. FLOCCHINI.