

July 14, 1953

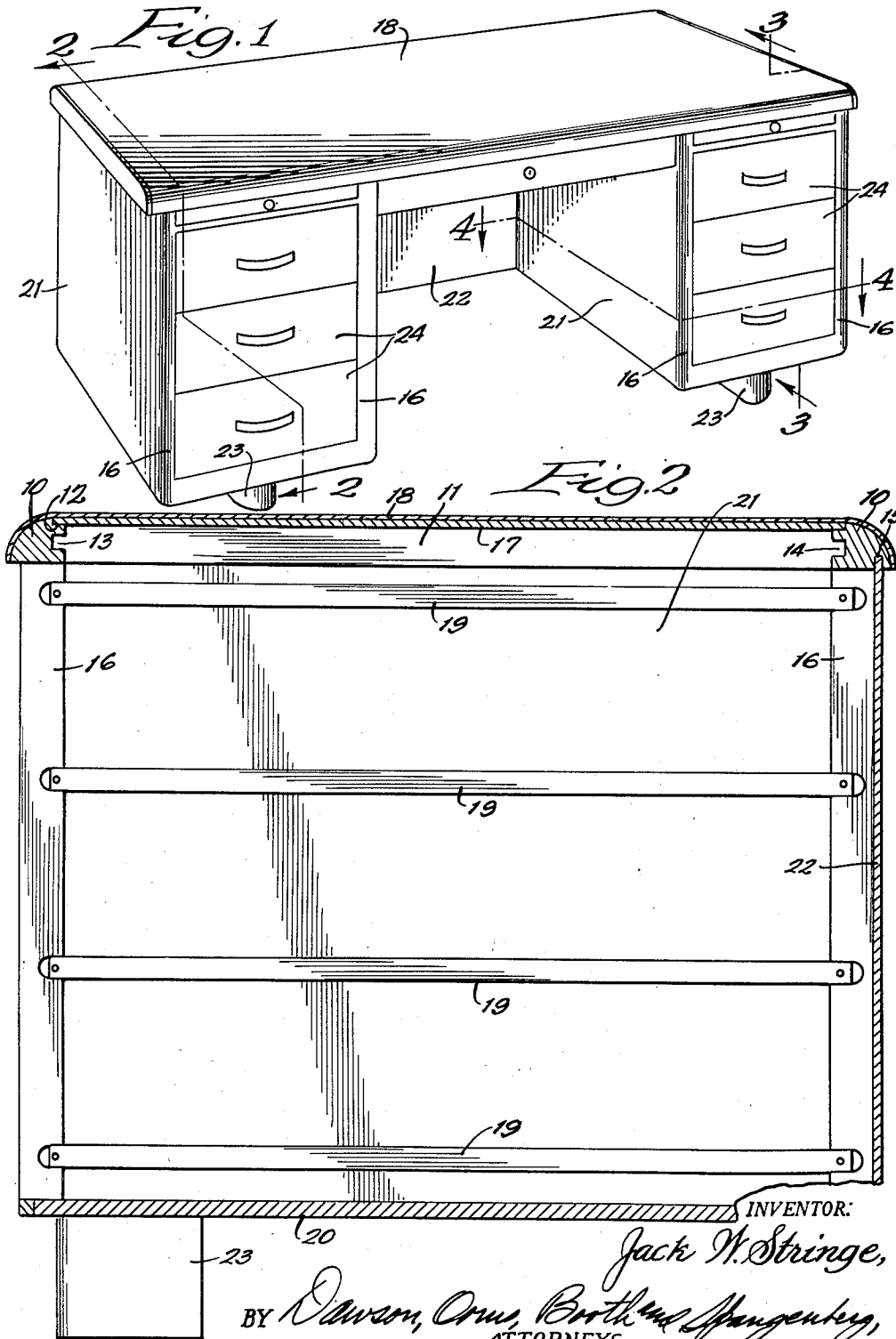
J. W. STRINGE

2,645,546

DESK

Filed June 10, 1950

2 Sheets-Sheet 1



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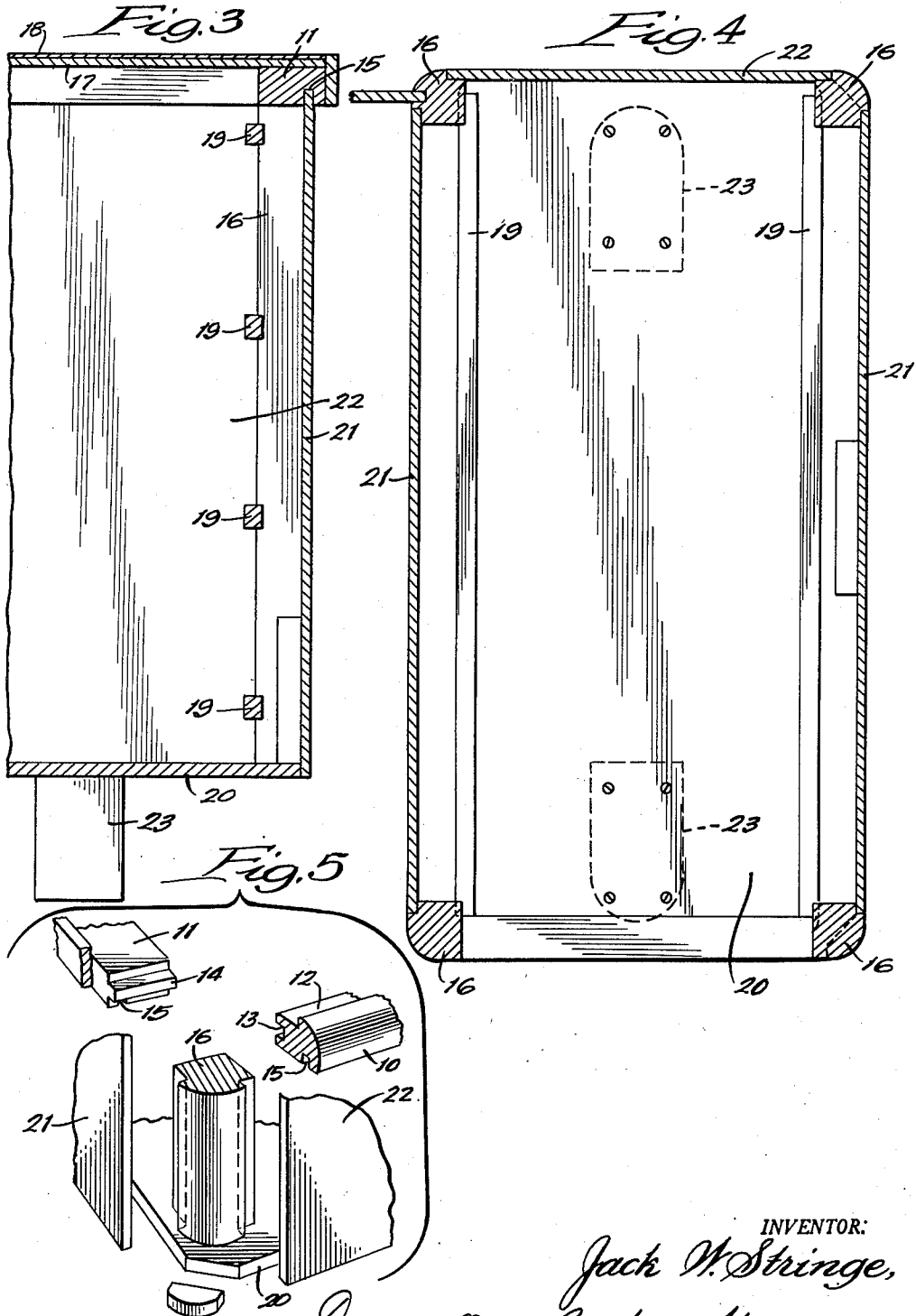
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2 Sheets-Sheet 2



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UNITED STATES PATENT OFFICE

2,645,546

DESK

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Application June 10, 1950, Serial No. 167,285

1 Claim. (Cl. 312-194)

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This invention relates to a desk structure and the like.

In the manufacture of desks, rails and other extra pieces are used along with the panels to secure and protect the edges of the panels. Further, in the securing of the dust bottom, it has been necessary to employ cleats fixed to the corner posts. The use of such rails, cleats and other parts for the making up of the desk adds considerably to the expense of the desk because of the additional manual operations required and extra materials employed. There has long been a need for a desk which eliminates these parts, while providing a sturdy integrated structure.

An object of my invention is to provide a desk structure in which the rails heretofore required for the side panels and other parts, such as cleats, etc., are eliminated, while at the same time providing a sturdier structure. A still further object is to provide a desk in which the side panels are extended beyond the top of the posts while providing recesses in the top frame for receiving and securing the panels. Yet another object is to provide a desk structure in which the dust bottom is secured directly to the bottom of the corner posts while providing panels which cover and protect the edges of the dust bottom. A still further object is to provide a desk of attractive and sturdy structure requiring a reduced number of parts and fewer manual operations in the manufacture thereof. Other specific objects and advantages will appear as the specification proceeds.

The invention is shown in an illustrated embodiment by the accompanying drawing, in which—

Fig. 1 is a perspective view of a desk embodying my invention; Fig. 2, a vertical sectional view, the section being taken as illustrated at line 2-2 of Fig. 1; Fig. 3, a broken vertical sectional view, the section being taken as indicated at line 3-3 of Fig. 1; Fig. 4, a broken plan sectional view, the section being taken as indicated at line 4-4 of Figs. 1 and 2; and Fig. 5, a perspective view showing the parts in position for assembly about a corner post.

In the illustration given, I provide a perimeteric top frame consisting of the front and rear beams 10 and the side beams 11. The front and rear beams or bars 10 are provided with a recessed top 12 and with a groove 13 in the forwardly-extending portion thereof. The side beams 11 are provided with tongues 14 adapted to be received within the grooves 13 when the parts are

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brought together to form a perimeteric frame, as illustrated best in Fig. 5. The side beams 11 and at least the rear beam 10 are each provided with upwardly-extending recesses 15 for receiving side panels, as will be later described.

After the perimeteric top frame has been formed by bringing together the side beams 11 and front and rear beams 10, and in viewing the parts in assembled relation, the beams may be secured rigidly upon the corner posts 16 by any suitable means, but preferably by the use of glue and nails, so that a sturdy connection is brought about.

Any suitable top may be provided. In the specific illustration given, I provide a fiber board 17 (Masonite) with the ends of the board received within the recesses 12 of the front and rear beams 10. Over the board 17 is placed a suitable covering 18 which may be linoleum, leather, a composition material, etc.

The corner posts 16 may be connected along the sides by drawer runners 19, as shown more clearly in Figs. 2, 3 and 4.

The dust bottom or bottom closure board 20 is preferably secured to the bottom of the posts, as shown more clearly in Fig. 3. Thus a sturdy support for the desk bottom is accomplished by directly securing it to the bottoms of the posts. The side and rear panels are next placed in position so that the panels lie just outside of the outer edge of the dust bottom 20 so as to conceal and protect the edges of the dust bottom. The side panel 21 extends upwardly above the corner post 16 and is received within the recesses 15 of the side beam 11. The lower end of the panel 21 extends over and encloses the edge of the dust bottom 20. Similarly, the rear panel 22, as shown more clearly in Fig. 2, extends above the corner posts 16 and is received within the recesses 15 of the rear beam 10. With this structure, the panels may be secured to the top frame beams with glue so as to provide an extremely sturdy joint and a joint which is concealed by the top frame.

The desk may be supported upon islands 23 of well-known construction. Also, the desk may be provided with runners and drawers 24. In view of the well-known structure of such drawers and runners, a detailed description is herein believed unnecessary.

While in the foregoing specification I have shown a desk in considerable detail for the purpose of illustrating a specific embodiment of my invention, it will be understood that such details of structure may be varied widely by those skilled

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in the art without departing from the spirit of my invention.

I claim:

In a desk, a plurality of solid, wooden beams forming a perimetric top frame having front, rear, and side members, said beam parts being provided with interlocking tongue and groove joints, and at least the side and rear members of said beams being provided with recesses extending upwardly from the bottom thereof, said recesses lying in the outer portions of said beams and at a uniformly spaced distance from the edges thereof, solid, wooden posts supporting said top frame secured to the underside of said beams inwardly from said recesses and having vertically-extending notches therein adapted to receive the edges of panels, said posts having their tops bearing directly against the underside of said beams inwardly of said recesses, and smooth, continuous side panels secured to said

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posts with their outer surfaces in alignment with the outer faces of said posts and extending above said posts and into the recesses of said beams, whereby a sturdy and attractive desk can be constructed of relatively few parts.

JACK W. STRINGE.

References Cited in the file of this patent

UNITED STATES PATENTS

Number	Name	Date
801,020	Kirkpatrick -----	Oct. 3, 1905
1,897,568	Bales -----	Feb. 14, 1933
2,092,196	Wood -----	Sept. 7, 1937
2,133,570	Richardson -----	Oct. 18, 1938
2,355,541	Lew -----	Aug. 8, 1944
2,360,451	Stone -----	Oct. 17, 1944
2,362,047	Center -----	Nov. 7, 1944
2,387,506	Freeman -----	Oct. 23, 1945
2,475,079	Clouse -----	July 5, 1949