

June 9, 1931.

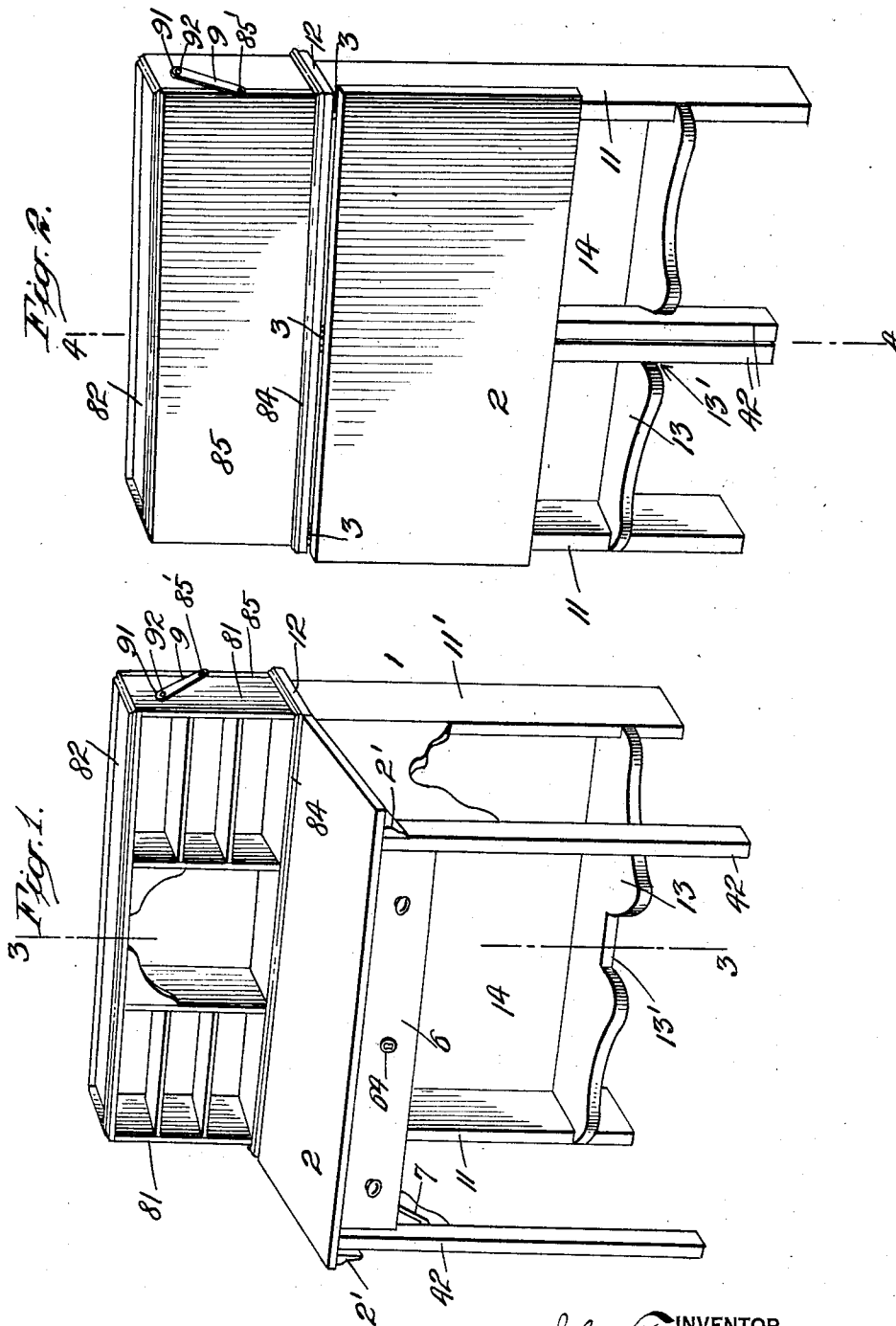
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1,809,028

FOLDABLE DESK

Filed Nov. 17, 1927

2 Sheets-Sheet 1



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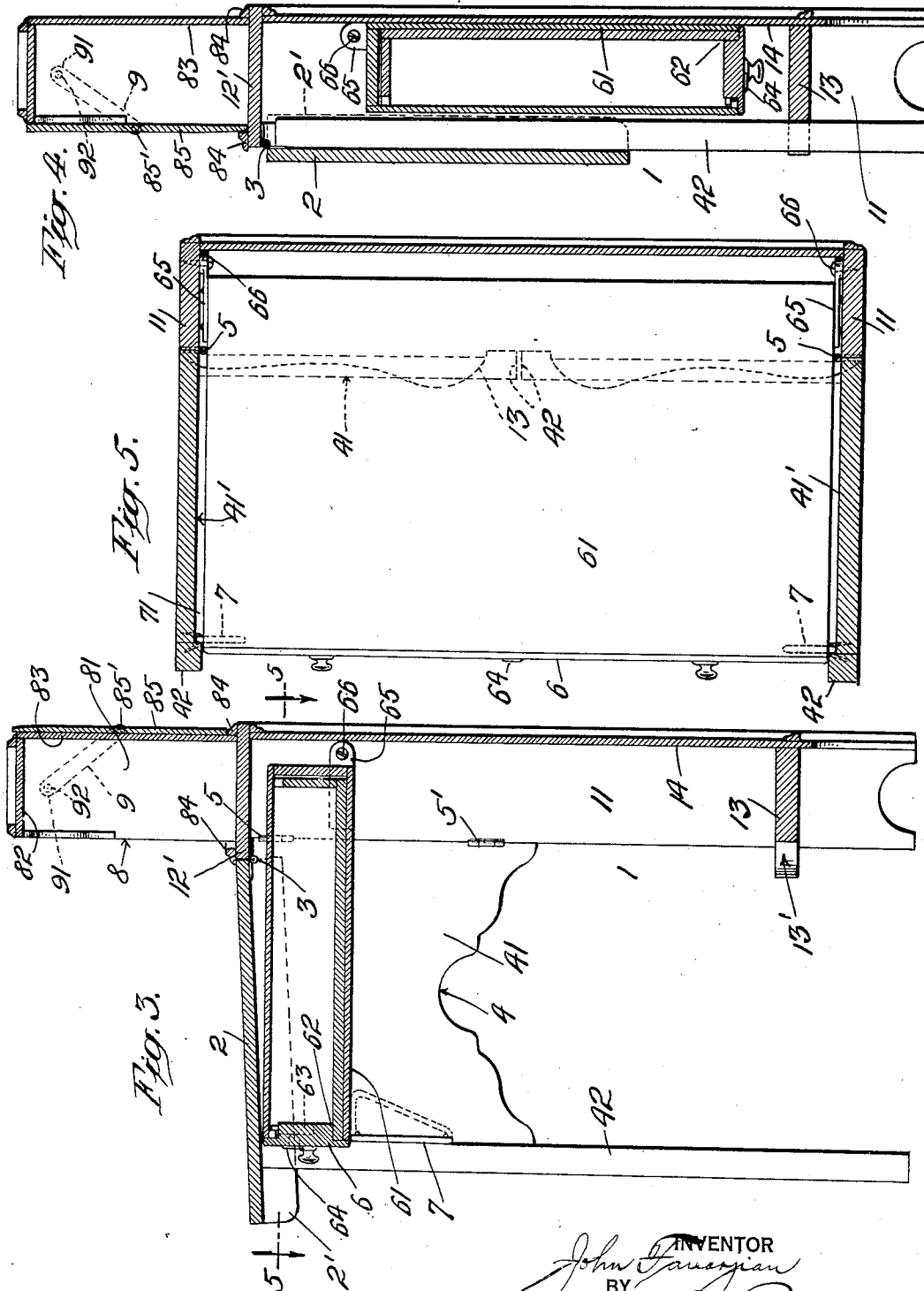
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FOLDABLE DESK

Application filed November 17, 1927. Serial No. 233,807.

This invention relates to improvements in foldable desks

One of the objects of my invention is to provide a folding desk with a folding writing top and a folding drawer so as to produce, when in extended position, a desk of complete and ornamental design, and when folded a small compact package may be produced.

Another object of this invention is to provide a folding desk having a folding writing shelf and a folding drawer compartment and to provide folding legs adapted, when in extended position, to support the writing shelf, said folding legs carrying folding brackets arranged, upon extension, to support a drawer or like element beneath the writing leaf.

Another object of my invention is to provide, in combination with a desk of the type specified, a pigeon hole top having a closure for the front side thereof arranged to be completely removed and bodily swung in the arc of a circle to the rear side of the pigeon hole top.

With these and other objects in view, the invention comprises the combination of members and arrangement of parts so combined as to co-act and cooperate with each other in the performance of the functions and the accomplishment of the results herein contemplated, and comprises in one of its adaptations the species or preferred form illustrated in the accompanying drawings, in which:—

Fig. 1 is a perspective view of a foldable desk embodying my invention, the same being in extended position;

Fig. 2 is a similar perspective view of said desk in folded position;

Fig. 3 is a section on the line 3—3 of Fig. 1;

Fig. 4 is a section on the line 4—4 of Fig. 2; and

Fig. 5 is a section on the line 5—5 of Fig. 3.

Referring now to these drawings, which illustrate a preferred embodiment of my invention, my improved desk comprises a body portion 1 which, as shown, is composed of an oblong box-like structure comprising side members 11, 11', a top member 12, a bracing

member 13 and a back panel 14. The said box-like body portion is thus open at its forward side and to the forward edge 12' of the top 12 I hinge, by means of hinges 3, a folding leaf 2 preferably provided near its opposite side edges with moldings 2', this leaf 2 is thus, as shown, adapted to be folded into substantially the same plane as the forward edge of the members 11, 11' of the body portion and is adapted to be swung upwardly into writing position as shown in Figs. 1 and 3 and to be supported in said position by foldable leg members 4 which, as shown, are hinged by two pairs of hinges 5, 5' to the outer edge of the leg members 11, 11' of the said body portion. The leaf-supporting leg members 4 each comprise a web portion 41, the inner edges of which are hinged as hereinabove specified and a leg portion 42 is mounted or connected to the outer edge thereof.

In order to give my folding desk an appearance of permanency and stability as well as to enhance the ornamental qualities thereof, I provide my improved desk with a foldable drawer element 6 which is arranged or disposed beneath the foldable leaf 2 and has its side edges, adjacent to the bottom portion thereof, pivoted to the side members of the body portion 11, 11' adjacent to the back panel 14 so that when the same is in folded position it will fold down with its bottom portion in abutment with the back panel, the entire drawer element being enclosed within the said body portion hereinabove described, and this drawer is independently supported by foldable brackets 7 carried by the leg members 4 and, as shown, mounted in a space 71 formed by reducing the thickness of the web portion or increasing the thickness of the leg portion 42 of the leg member 4. As illustrated, these brackets in folded position lie flat against the inner surface 41' of the web portion 41 of the leg member 4, the same being pivoted in the corner formed between the junction in the member 41 and the leg 42 and these brackets 7 are adapted to be swung outwardly into position to support the drawer element 6.

The drawer element preferably comprises a box 61 open at its forward end and having

a drawer 62 of conventional pattern slidably mounted therein and provided with a lock 63 operable from a key hole 64 to enable a locking engagement between the drawer 63 and the box 61. As illustrated, the drawer element is foldably supported at its rear end by hinge plates 65 which, as shown, are fastened to the inner lower corners of the box and connected by screws 66 with the leg members 11, 11' of the body portion, this connection being, as aforesaid, adjacent to the back panel so that the bottom of the box 61 will, when in folded position, rest in abutment with the said back panel and be enclosed within the body portion; it being understood that the drawer element will be of slightly less width than the body portion so as to permit the same when dropped to be enclosed on all sides except the front side by members of the body portion.

In operating the elements hereinabove described of my improved desk, assuming the same to be in the extended position shown in Fig. 1, the foldable brackets 7 are swung inwardly into the space 7 between the web portions and the drawer element 6. The drawer is then dropped into the position shown in Fig. 4, and thereafter the leg elements 44 are folded on their hinges toward each other until the legs 42 thereof enter the notch 13' of the brace member 13, thus folding against the drawer, whereupon the leaf 2 may be dropped into the position shown in Fig. 4 so that its inner surface will rest against the leg portions 42.

It will be seen that I am thus enabled to provide a compact folding desk which will have all the appearance of permanence and stability and ornamental qualities usually implied by the provision of a drawer therein.

In the preferred embodiment of my invention, I also provide my improved desk with a pigeon-hole top 8 comprising a box-like structure composed of side members 81, 81', a top member 82, a back panel 83, the bottom portion of this top member 8 being, as shown, open and supported within a seat formed therefor by moldings 84 on the top 12 of the body portion. This top 8 is provided with a folding closure plate or panel 85 which is pivoted intermediate its upper and lower edges as at 85' to links 9 which at their opposite ends 91 are pivoted by screws 92 to the end members 81 of said top 8. The opposite ends of the links 9 are so pivoted adjacent to the top plate of the pigeon-hole top 8 and intermediate the front and rear thereof so that the closure plate or panel 85 will, in closed position, extend in a vertical plate so as to close the front end of the said top and when it is desired to open the said top, the said closure plate may be swung bodily in the arc of a circle around or over the top member 82 of said pigeon hole top 8 to the opposite side thereof and may be caused to

assume a reverse or inverted position at the rear side of said top cabinet in abutment with the rear panel 83 thereof.

I thus produce a folding closure for a top cabinet which may be tightly and completely closed and which, when in open position, the closure or cover will be completely out of the way and will occupy a minimum amount of space.

Having described my invention, I claim:—

1. A folding desk embodying, in combination, a box-like body portion, a folding leaf having a hinged connection at the front edge of said box-like portion and foldable downwardly, a drawer element having a hinged connection within said box-like body portion in a horizontal plane below said hinged connection of the leaf and in a vertical plane adjacent to the rear wall of said body portion, means for supporting said writing leaf, and means for independently supporting said drawer.

2. A folding desk embodying, in combination, a box-like body portion, a folding leaf hinged at the front edge of said box-like portion, a drawer hinged within said box-like body portion, foldable leg members for supporting said leaf, and means carried by said leg members for supporting said drawer.

3. A folding desk embodying, in combination, a box-like body portion, a folding leaf hinged at the front edge of said box-like portion, a drawer hinged within said box-like body portion, foldable leg members for supporting said leaf, and foldable brackets carried by said leg members for supporting said drawer.

4. A folding desk embodying, in combination, a box-like body portion, a folding leaf hinged at the front edge of said box-like portion, a drawer element hinged within said box-like body portion, foldable leg members for supporting said leaf, and foldable brackets carried by said leg members for supporting said drawer element, said drawer element comprising a box-like structure open at its forward end and having a drawer slidably therein, and locking means for said drawer.

5. A folding desk embodying, in combination, a box-like body portion, a folding leaf hinged at the front edge of said box-like body portion, a drawer element hinged within said box-like body portion, foldable leg members for supporting said leaf, and foldable brackets carried by said leg members for supporting said drawer, said drawer element comprising a box-like structure open at its forward end and having a drawer slidably therein, and means for locking said drawer in said box-like portion, said foldable brackets being mounted in a space formed between the leg portion and said drawer element.

In witness whereof, I have signed my name to the foregoing specification.

JOHN FANARJIAN. 130