

Aug. 6, 1935.

S. H. BOYLAN

2,010,476

DESK CONSTRUCTION

Filed Sept. 6, 1934

2 Sheets-Sheet 1

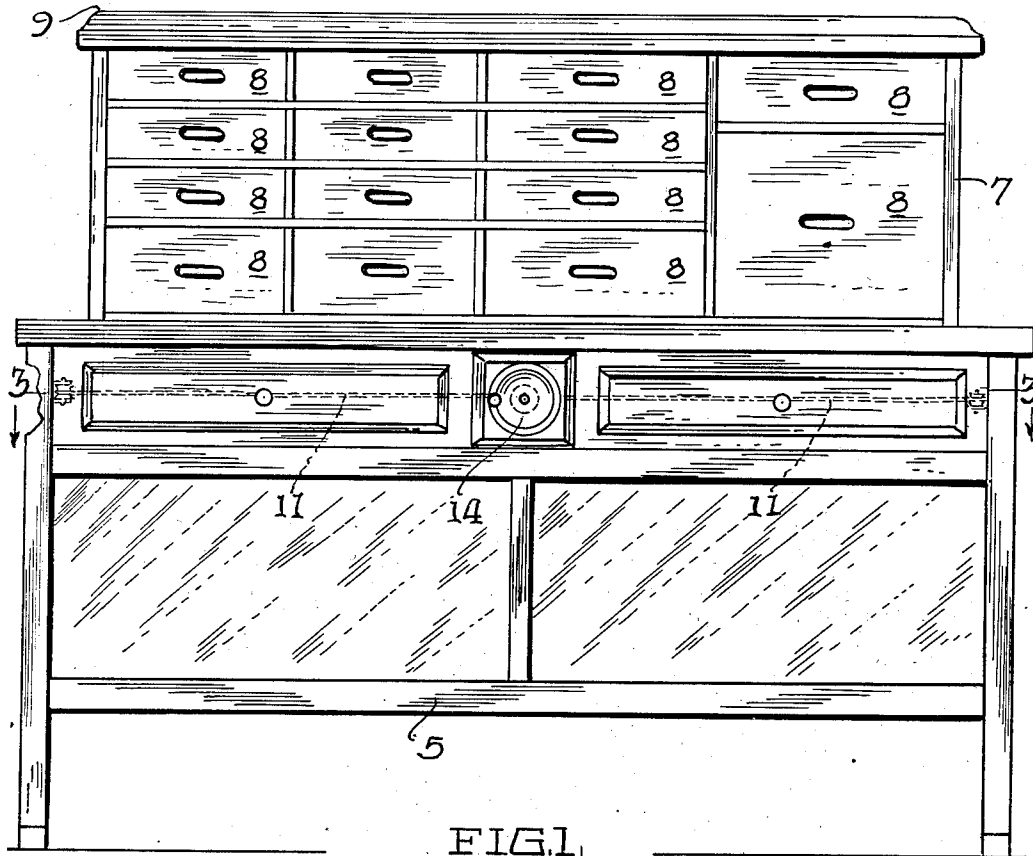


FIG. 1.

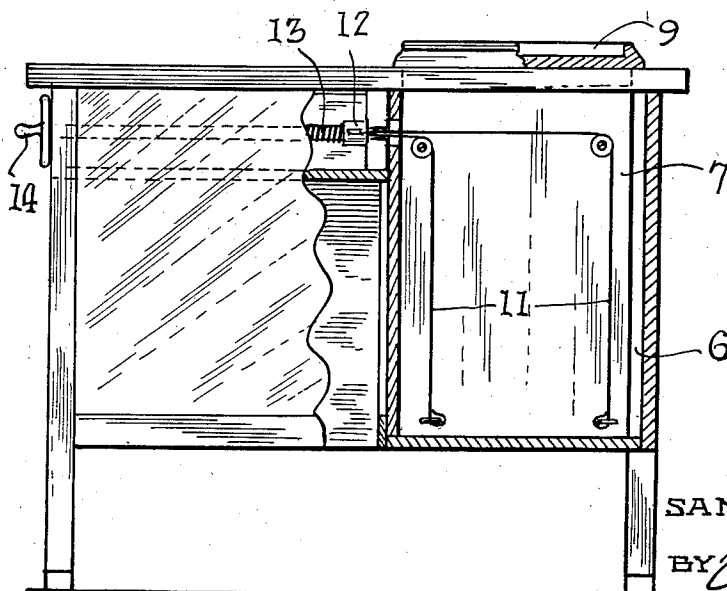


FIG. 2.

INVENTOR.
SAMUEL H. BOYLAN

BY *Victor J. Evans*
ATTORNEYS.

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2 Sheets-Sheet 2

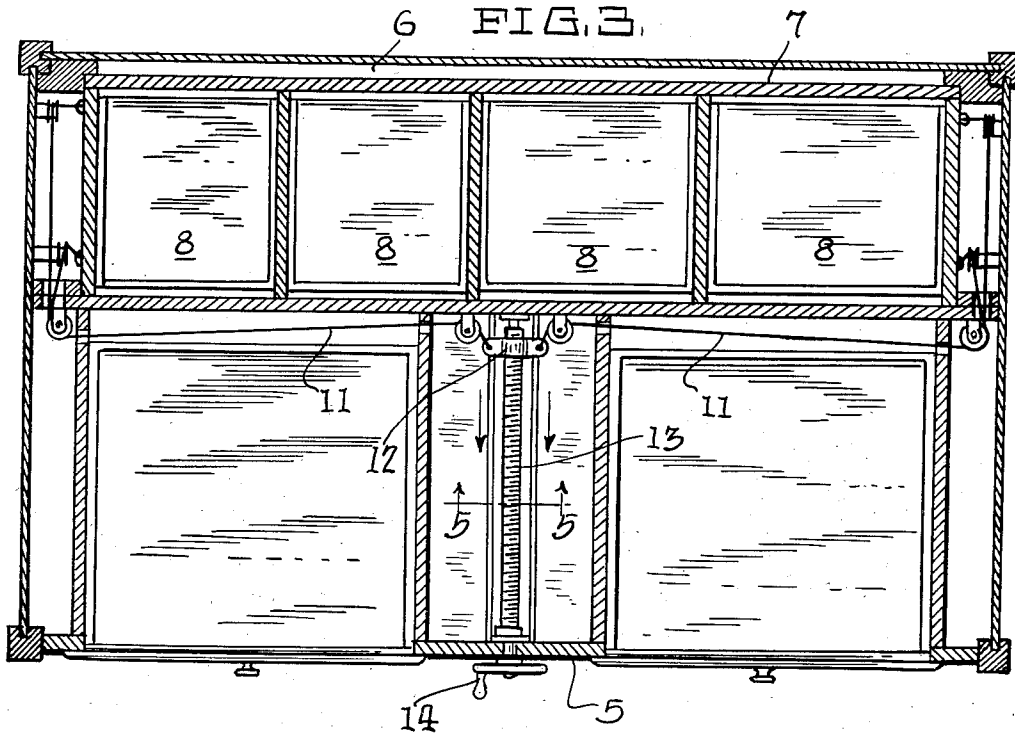
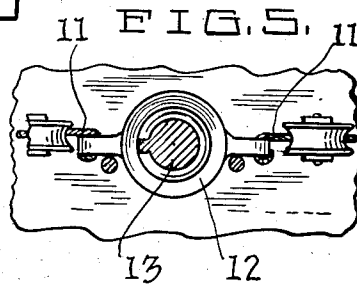
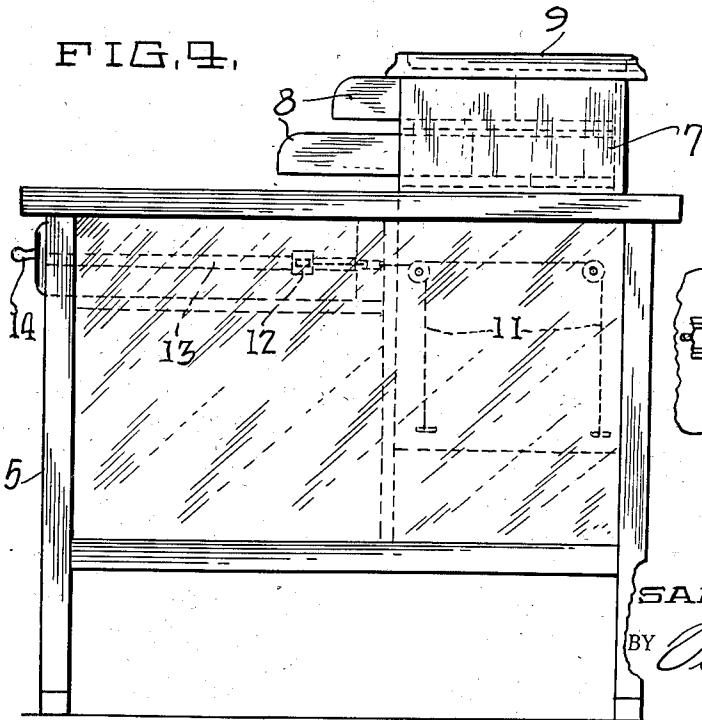


FIG. 4.



INVENTOR.
SAMUEL H. BOYLAN
BY *Victor J. Evans & Co.*
ATTORNEYS.

UNITED STATES PATENT OFFICE

2,010,476

DESK CONSTRUCTION

Samuel H. Boylan, San Francisco, Calif.

Application September 6, 1934, Serial No. 743,018

2 Claims. (Cl. 45—70)

This invention relates to improvements in desks and has particular reference to a desk wherein a series of filing trays may be projected above the surface of the desk and when not in use depressed within the desk, thereby eliminating the possibility of an unauthorized person moving the contents of the trays.

A further object is to produce a device which is simple to operate, neat in appearance and quiet in operation.

A still further object is to produce a device which is economical to manufacture.

Other objects and advantages will be apparent during the course of the following description.

In the accompanying drawings forming a part of this specification and in which like numerals are employed to designate like parts throughout the same,

Fig. 1 is a front elevation of my device with the trays elevated,

Fig. 2 is a side elevation of Fig. 1 with the trays in depressed position,

Fig. 3 is a cross sectional view on the line 3—3 of Fig. 1,

Fig. 4 is an end elevation similar to Fig. 1, showing the trays partly elevated, and

Fig. 5 is an enlarged cross sectional view on the line 5—5 of Fig. 4.

There are many institutions where desks having files positioned thereon, are used. These files must be removed and locked up when the occupant of the desk leaves. Or there is always a possibility that an unauthorized person may remove some of the contents of the files. Applicant has, therefore, devised a simple arrangement wherein the files may be lowered from a point above the top of the desk to a point within the desk.

In the accompanying drawings wherein for the purpose of illustration is shown a preferred embodiment of my invention, and referring particularly to Fig. 1, the numeral 5 designates the ordinary desk as a whole within which is formed a compartment 6. Slidably supported in this compartment is a cabinet 7 having trays or draws

8 which may be of any desired number. The top of this cabinet is provided with a tray 9. In order to move this cabinet up and down in the compartment 6 I provide cables 11 which connect to a follower 12 threadedly engaging a worm 13, which is actuated by a handle 14. This worm when rotated causes the follower to move so as to exert a pull upon the cables which of course pass over suitable pulleys and are connected to the cabinet. Consequently the cabinet will be raised or lowered depending upon which direction the worm is rotated. When in lowered position the top of the cabinet will entirely conceal the trays and a person unfamiliar with the same would never suspect the presence of the trays within the desk. The worm of course may be locked if desired so that the same may not be rotated except through the use of a key.

It is to be understood that the form of my invention, herewith shown and described is to be taken as a preferred example of the same and that various changes relative to the material, size, shape and arrangement of parts may be resorted to without departing from the spirit of the invention or scope of the subjoined claims.

Having thus described my invention, I claim:—

1. In combination with a desk, a compartment formed in said desk and a vertically movable cabinet movable into said compartment, and means for elevating said cabinet, said means comprising cables secured to said cabinet and connected to a worm actuated follower whereby when said worm is rotated in one direction said cabinet will be raised to a point above said desk.

2. In combination with a desk, a compartment formed in said desk and a vertically movable cabinet movable into said compartment, means for elevating said cabinet, said means comprising cables secured to said cabinet and connected to a worm actuated follower, whereby when said worm is rotated in one direction said cabinet will be raised to a point above said desk, said cabinet having trays slidably mounted therein, and a tray formed upon the top of said cabinet.

SAMUEL H. BOYLAN.