

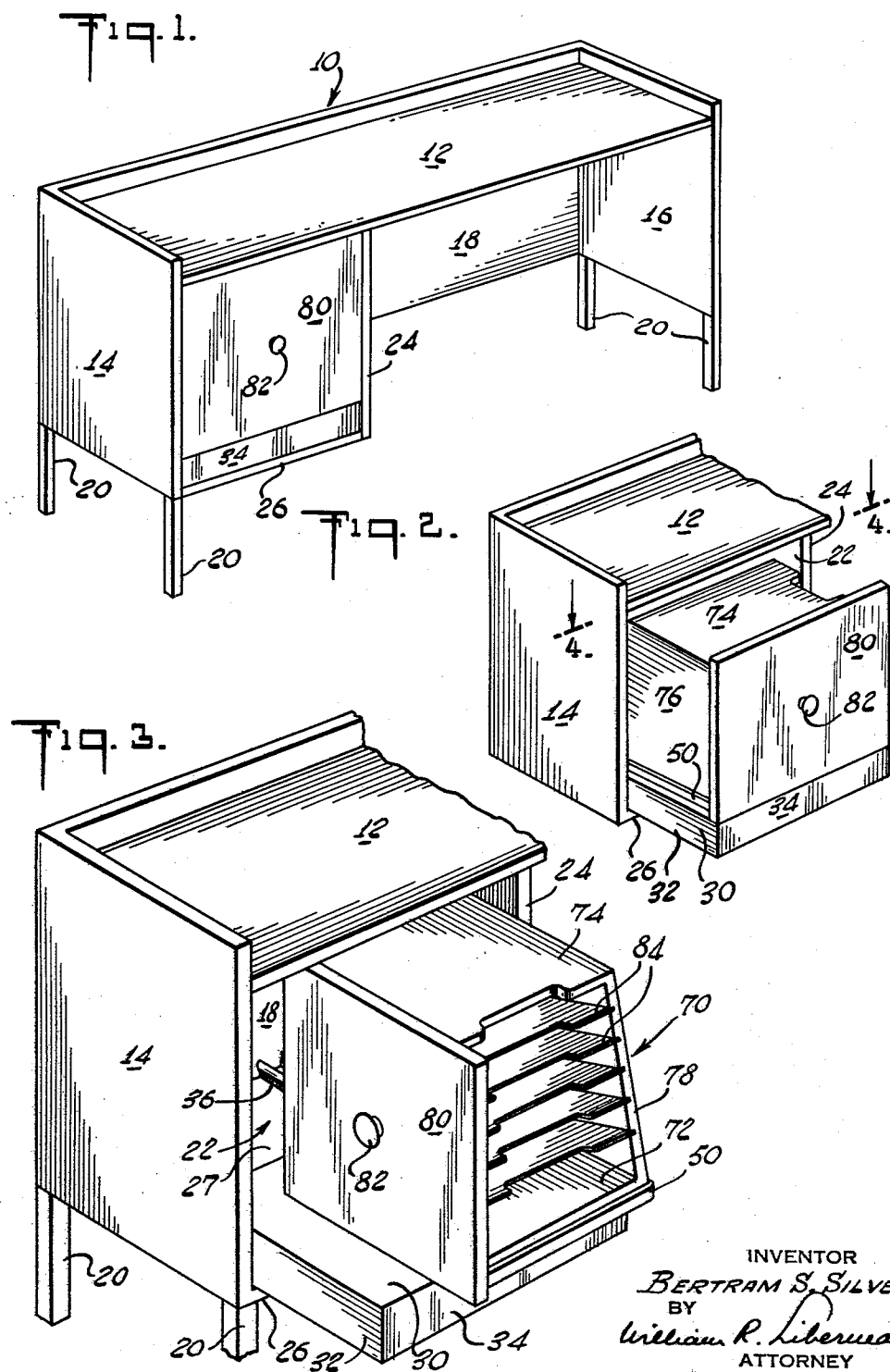
Nov. 13, 1962

B. S. SILVER
CABINET DRAWER

3,063,774

Filed April 7, 1960

2 Sheets-Sheet 1



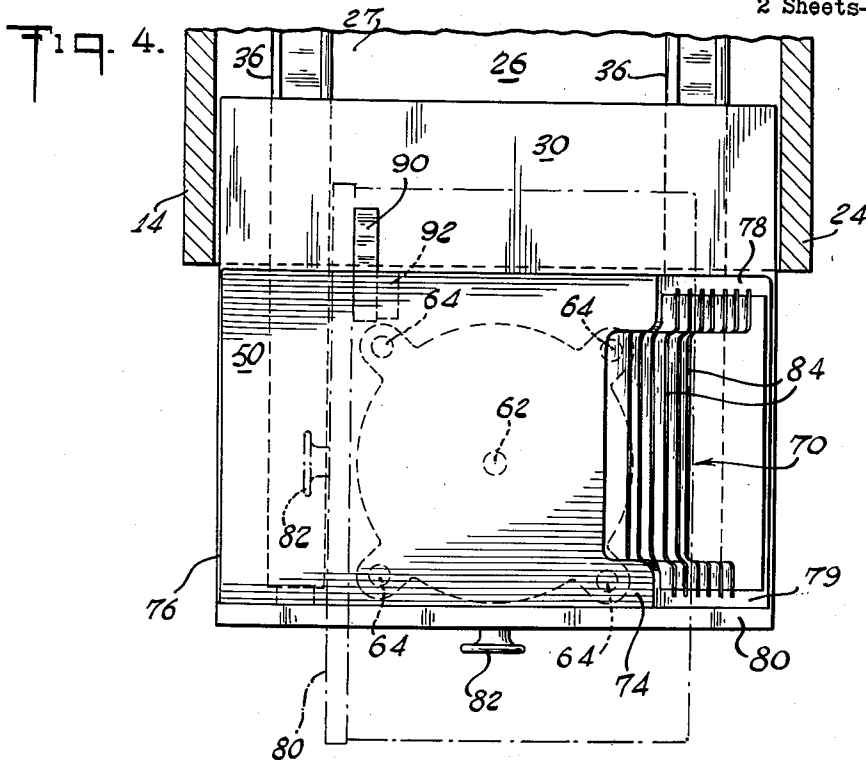
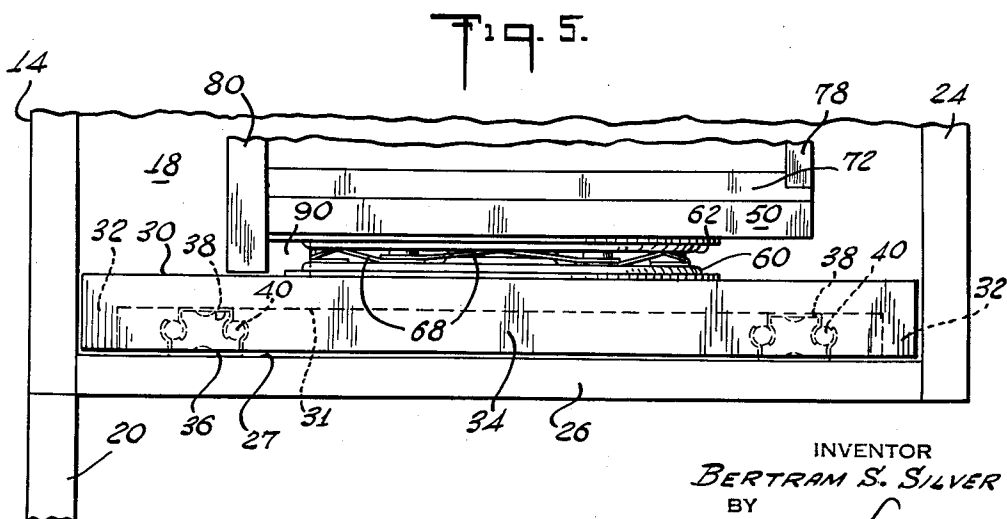
Nov. 13, 1962

B. S. SILVER
CABINET DRAWER

3,063,774

Filed April 7, 1960

2 Sheets-Sheet 2



1

3,063,774

CABINET DRAWER

Bertram S. Silver, 150 Central Park S., New York, N.Y.
Filed Apr. 7, 1960, Ser. No. 20,624
1 Claim. (Cl. 312—322)

The present invention relates generally to furniture, and in particular it relates to an article of furniture so constructed as to make easy of access papers of differing type, size, quality, etc. The invention which is the subject of this application will be described in relation to its use by a typewriter operator although it is to be limited in its application only by the claim appended hereto.

The main object of the present invention is to provide a new and useful article of furniture.

An associated object is the provision of a new and useful article of furniture particularly adapted for use by a typewriter operator using different kinds and types of paper.

Another object of the present invention is the provision of a desk having a cabinet on one side thereof, a paper safe within the cabinet, means to withdraw the safe from the cabinet and means to rotate the safe to present the open face thereof in a number of different angular positions with respect to the place of the cabinet opening.

Still another object of the present invention is the provision of a cabinet having a paper safe partially removable therefrom in a straight line movement and rotatable with respect to the cabinet when in the withdrawn position.

Other and further objects will be specifically pointed out or apparent from the following description of an illustrative embodiment.

In the drawings annexed hereto, forming a part hereof, FIGURE 1 is a perspective view of one form of desk, as an article of furniture, constructed according to and embodying the present invention;

FIGURE 2 is a fragmentary perspective view of the cabinet-containing portion of the desk of FIGURE 1, with the paper safe shown in partially withdrawn position from the cabinet;

FIGURE 3 is a view similar to FIGURE 2, slightly enlarged with respect thereto, and with the paper safe turned clockwise 90°;

FIGURE 4 is a plan view of the portion of the desk in the position of FIGURE 2; and

FIGURE 5 is a fragmentary front elevational view of the lower portion of the cabinet portion of the desk in the position of FIGURE 3.

The desk according to the present invention is indicated generally by reference numeral 10 and comprises a top, horizontally disposed portion 12, vertically disposed side walls 14, 16 and a rear wall 18, joined to sides 14, 16 at the abutting rear vertical edges thereof. Legs 20, 20 are provided at the front and rear edges of side walls 14, 16 and depending therefrom, thereby to support desk 10 upwardly of and in spaced relation to the floor or other base.

A cabinet 22 is provided at one side of the desk, and is defined by side wall 14, and a laterally-spaced, vertically-extending wall 24 secured by its upper end to and depending from the underside of platform 12, and by its rear vertical edge to the front face of rear wall 18. A floor portion 26 connected to and across between the lower edges of walls 14 and 24, along with top 12 and rear wall 18, complete the five sides of the rectangular cabinets 22, normally open at the front thereof. As will be readily appreciated, rear wall 18 need not extend the full width of desk 10 from one side 16 to the other 14. It is necessary only that it extend the full width,

2

from side to side, of the cabinet 22 so as to form the rear wall closure thereof.

A first platform member 30 is disposed within cabinet 22, mounted therein above the floor portion 26 for reciprocating sliding movement partially out of and return into the cabinet. The side and front marginal edges of platform 30 are provided with downwardly extending facing strips 32, 34 to close the space between the underside of platform 30 and the upper face of floor portion 26. Secured to the upper face 27 of floor portion 26 and to the lower face 31 of platform by suitable wood screws or the like are two pairs of inter-engaged runners 36, 38 respectively, laterally spaced apart, having trapped balls 40 between the overlapped runner edges, whereby platform 30 to which runners 38 are secured may be freely slid part-way out of cabinet 22 and returned thereinto.

A second platform 50 is also provided for reciprocating movement out of and into cabinet 22, mounted atop the first platform 30 and movable therewith out of and back into the cabinet, and rotatable with respect to platform 30 when in position out of the cabinet. Platform 50 is substantially as wide, from side to side, as platform 30, the lateral edges of the former extending slightly inwardly of the lateral edges of the first, lower platform 30, as seen in FIGURE 4. From front to back, platform 50 is about two-thirds the length of the same relative dimension of the lower platform 30. A pair of circular plates, as 60, 62, are secured together on a common center pivot 62, to the upper face of lower platform 30 and the lower face of upper platform 50, by suitable screws or the like through apertured ear portions 64, integral with the plates and spaced 90° apart from the circumferential edge of the plates, balls 66 trapped between the plates 60, 62 permitting limited relative rotation smoothly between said plates and thus of platforms 30, 50, stops 90, 92 providing the limitations on the relative rotation.

A paper safe 70 is mounted atop upper platform 50 for straight line and rotary movement therewith. Safe 70 is formed of a floor portion 72, permanently and rigidly secured to platform 50, and a vertically spaced cap portion 74, with a rear wall 76 and one side wall 78 extending between the floor and cap. The other side wall 80 is of rectangular outline and extends between cap 74 and floor 72 and below the floor to span the gap or space between the underside of platform 50 and the upper face of lower platform 30. Side wall 80 is so dimensioned as to fit snugly within the opening into cabinet 22. The outer face of wall 80 is provided with a hand button 82. Cap 74 and floor 72 are of the same width, but safe cap 74 is shorter from front to back than safe floor 72, and the front edge of side wall 78 is upwardly and rearwardly angled from the floor to the cap, as seen in FIGURES 3 and 4. The inner opposing faces of side walls 78, 80 are channelled to receive therewithin spacers 84, all of which are the same width from side to side, but of gradually lesser length or depth from front to back as they progress from safe floor 72 upwardly, to serve as dividers for papers of different lengths. If desired, a side wall 79 may be provided, of size and shape similar to the opposite side wall 78, similarly channelled, and permanently secured to the inner face of closure wall 80.

In use, when desk 10 is in closed position as shown in FIGURE 1, and it is desired to obtain access to paper safe 70, button 82 is grasped and drawn outwardly from cabinet 22. Safe 70 is thus withdrawn from the cabinet 22, riding with lower platform 30 on tracks 36, 38 into the position of FIGURES 2 and 4. The usual stop 70 means are provided (not shown) to limit the extent of withdrawal of platform 30 from the cabinet. While safe 70 is in this position, with the open mouth thereof

3

parallel to the length of the cabinet, it is possible for a person sitting in front of the cabinet or alongside the cabinet to gain access to the safe mouth, but it is quite awkward to do so. However, when safe 70 is rotated on upper platform 50 clockwise 90°, or into any intermediate angular position between 0° and 90°, when the lower edge of the rear face of the safe side wall 80 will bear against stop block 92 secured atop the lower platform 30, the open side thereof will be easily accessible for the withdrawal therefrom or insertion therein of material as desired, as illustrated in FIGURE 3 and in dotted lines in FIGURE 4.

By the arrangement and construction above described, there is provided a large capacity paper safe, or container for other material, the contents of which are accessible through a frontally disposed open side, the safe or container being formed of a side wall which serves also as a facing cover for the cabinet which houses the safe. The open mouth of the safe, once the latter is withdrawn from the cabinet, can be shifted and held, as desired, between a position parallel to the length of the desk or at right angles thereto, so that the user can have access thereto in the position which is most convenient.

Having described my invention, what I claim and desire to secure by Letters Patent is:

An article of furniture of the character described, including a cabinet open at the front thereof and a mating closure therefor, said cabinet comprising a floor portion, a pair of side wall portions, a top portion and a rear wall portion, a horizontally compartmented container open at the front thereof mounted within said cabinet for straight line movement out of the cabinet and for rotary movement through an arc of substantially ninety

4

degrees when out of the cabinet, and for return straight line movement back into the cabinet when in either position at the extremities of the arc, said container comprising a floor portion, a pair of side wall portions laterally spaced-apart a distance less than the distance between the side walls of the cabinet, a top portion and a rear wall portion, the open front of the container selectively lying in a plane at right angles to the plane of the open front of the cabinet when the said container is disposed within the cabinet or in a plane parallel thereto whereby the interior of the container is readily accessible when out of or within the cabinet, one of the container side walls constituting the closure for the cabinet opening when the container is disposed within the cabinet with the open front thereof at right angles to the plane of the open front of the cabinet, both of said container side walls, on the facing aspects thereof, having a plurality of substantially horizontally extending vertically spaced-apart inwardly opening grooves, and shelf members disposed within opposed pairs of said grooves.

References Cited in the file of this patent

UNITED STATES PATENTS

1,010,950	Prather	Dec. 5, 1911
1,121,330	Davis	Dec. 15, 1914
1,335,286	Leonard	Mar. 30, 1920
1,458,953	Robeson	June 19, 1923
2,353,059	Murray	July 4, 1944
2,650,871	Holderegger	Sept. 1, 1953

FOREIGN PATENTS

22,504	Great Britain	1909
--------	---------------	------