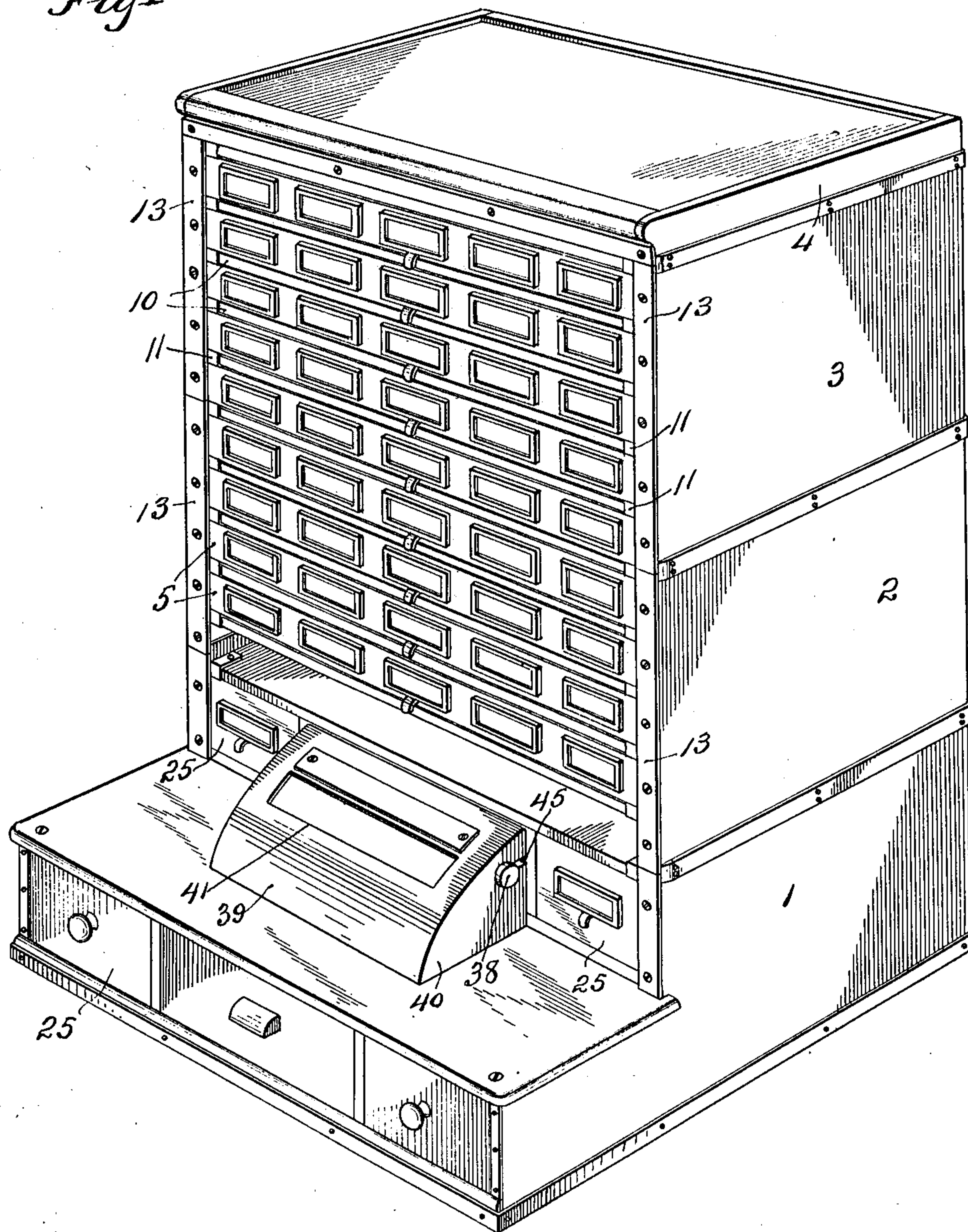


G. S. UPSHAW.
FILING CABINET.
APPLICATION FILED NOV. 20, 1908.

945,252.

Patented Jan. 4, 1910.
3 SHEETS—SHEET 1.

Fig 1



WITNESSES:

R. Hamilton
E. B. House

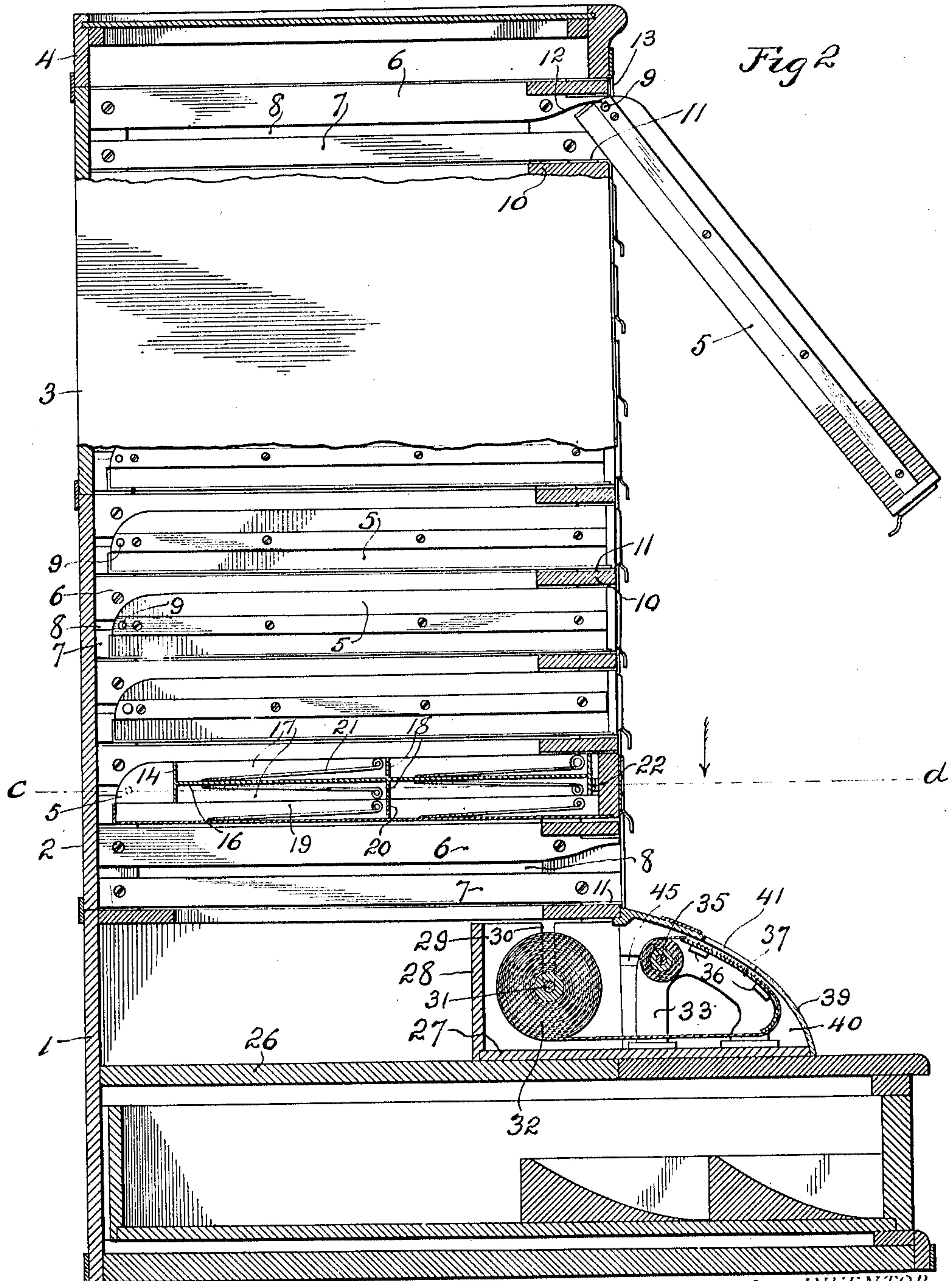
George S. Upshaw INVENTOR.
BY
Warren D. House ATTORNEY.

G. S. UPSHAW.
FILING CABINET.
APPLICATION FILED NOV. 20, 1908.

945,252.

Patented Jan. 4, 1910.

3 SHEETS—SHEET 2.



WITNESSES:
R. H. Mitten
E. B. House

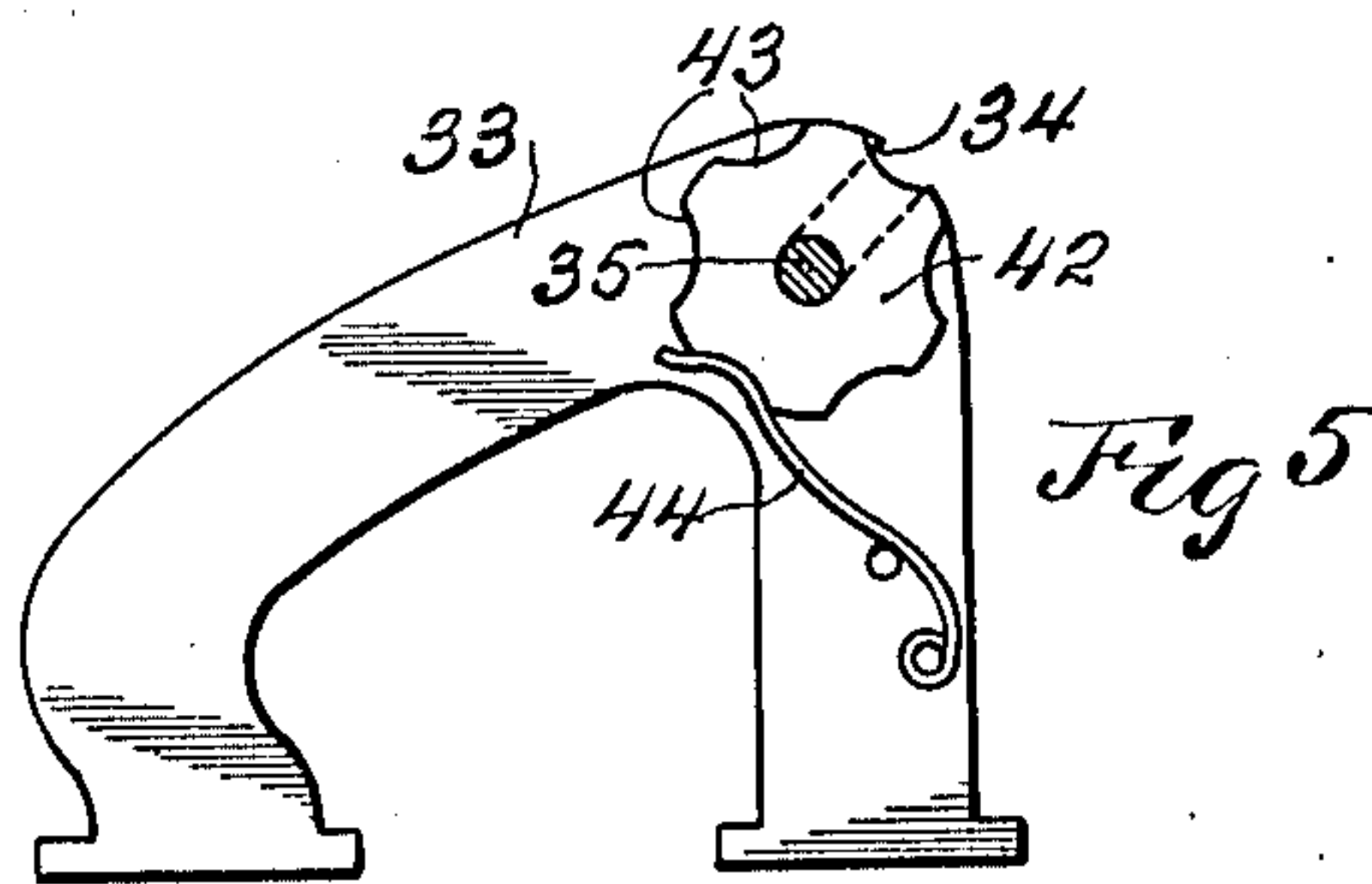
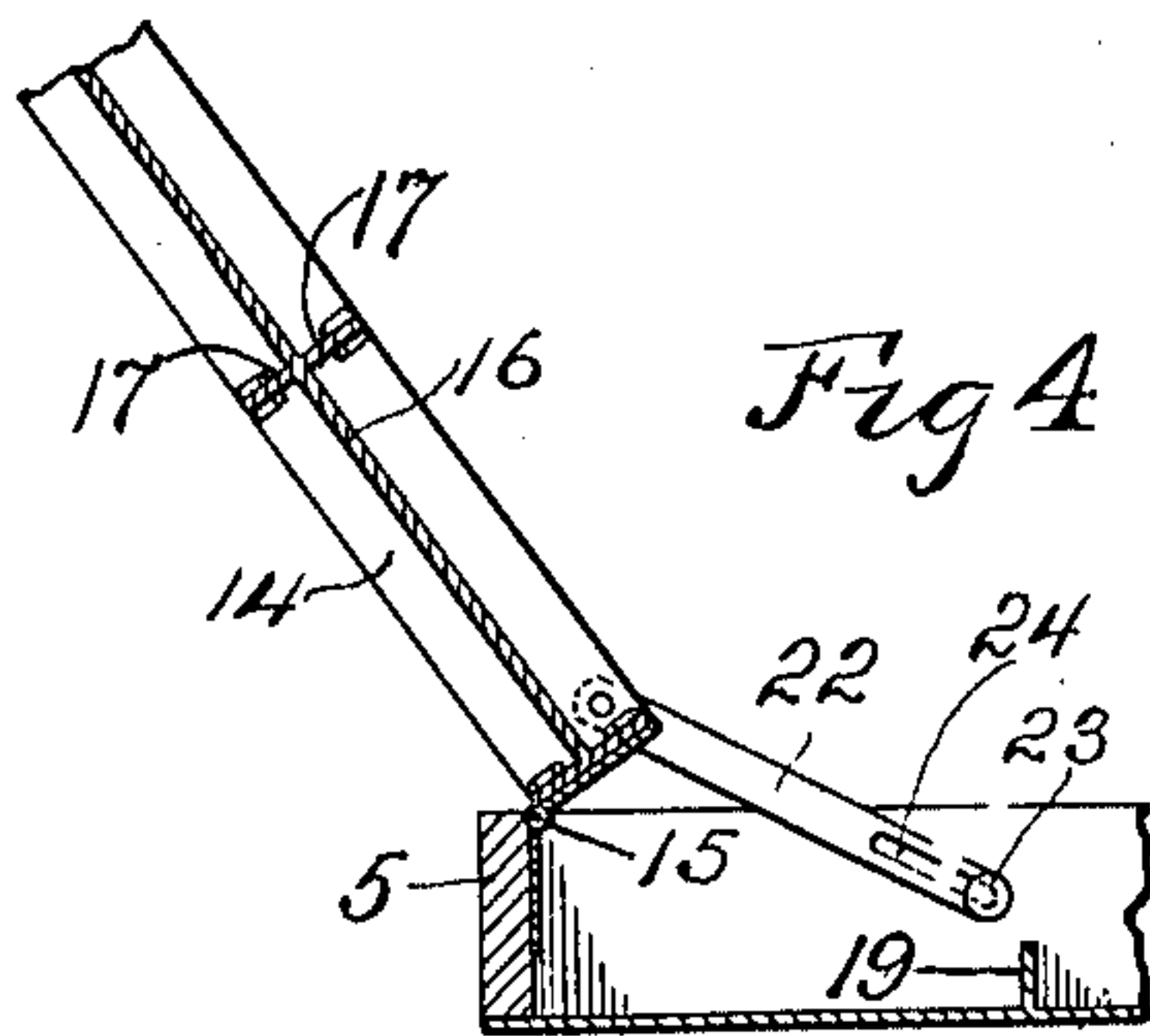
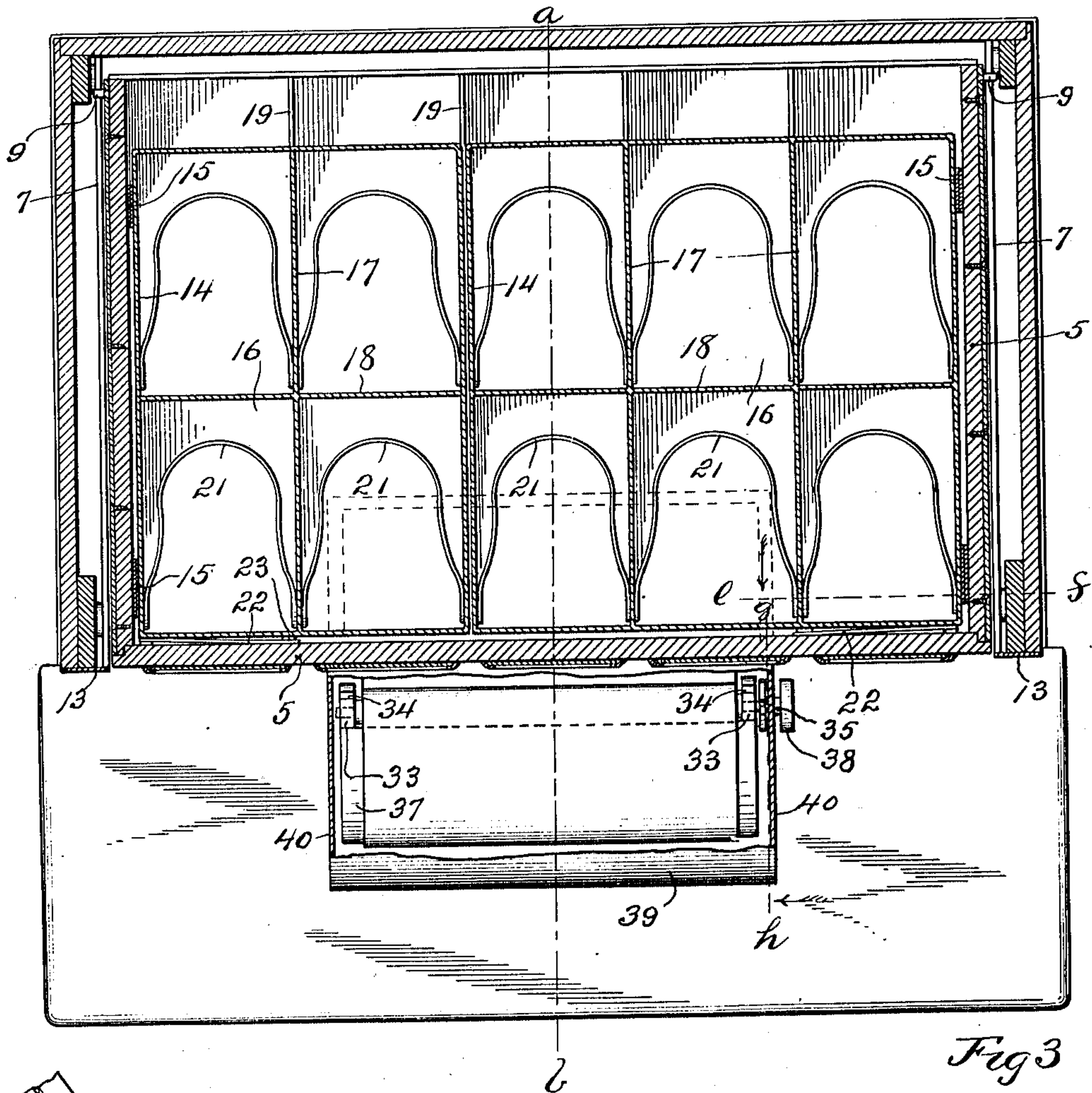
INVENTOR.
George S. Upshaw
BY
Warren D. House
His ATTORNEY.

G. S. UPSHAW.
FILING CABINET.
APPLICATION FILED NOV. 20, 1908.

945,252.

Patented Jan. 4, 1910.

3 SHEETS—SHEET 3.



WITNESSES:
R. Hamilton
C. B. House

INVENTOR.
George S. Upshaw
BY
Warren D. House
ATTORNEY.

UNITED STATES PATENT OFFICE.

GEORGE S. UPSHAW, OF KANSAS CITY, MISSOURI.

FILING-CABINET.

945,252.

Specification of Letters Patent.

Patented Jan. 4, 1910.

Application filed November 20, 1908. Serial No. 463,678.

To all whom it may concern:

Be it known that I, GEORGE S. UPSHAW, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented a certain new and useful Improvement in Filing-Cabinets, of which the following is a specification.

My invention relates to improvements in filing cabinets.

The object of my invention is to provide a cabinet with a large capacity for filing documents and which affords ready and convenient means of access to the documents contained therein.

The novel features of my invention are hereinafter fully described and claimed.

In the accompanying drawings illustrative of my invention—Figure 1 is a perspective view of my improved cabinet. Fig. 2 is a side view of the same, shown partly in elevation and partly in vertical section. In this view, one drawer is shown in the outward tilted position and another one in vertical section, taken on the dotted line *a—b* of Fig. 3. In this view the lower drawer has been removed. Fig. 3 is a horizontal sectional view taken on the dotted line *c—d* of Fig. 2. Fig. 4 is a vertical sectional view, taken on the plane of the dotted line *e—f* of Fig. 3, showing a portion of one of the drawers and a portion of one of the filing members, the latter being shown in the raised position. Fig. 5 is a vertical sectional view taken on the dotted line *g—h* of Fig. 3.

Similar characters of reference denote similar parts.

In the preferred form illustrated in the drawings the cabinet casing comprises a rectangular base 1 having mounted thereon a removable rectangular section 2, on which is mounted a removable section 3, upon the upper end of which is mounted a rectangular removable cap 4. The sections 2 and 3 are provided each with an open front, and in each section are horizontally slidably mounted one or more drawers 5, which are supported as follows:—Upon opposite inner vertical sides of the sections 2 and 3 are secured a plurality of pairs of guide bars. The guide bars 6 and 7 of each pair are disposed horizontally one above the other, a space 8 being provided between the upper guide bar 6 and the lower guide bar 7 to receive a

pin 9, secured to the adjacent drawer 5 adjacent to its rear end. Each drawer 5 is thus provided with two laterally extending pins 9 which normally rest upon guide bars 7 and support the rear end of the drawer. A plurality of transverse supporting bars 10, disposed horizontally one above the other, are secured at their opposite ends to the opposite inner walls of the sections 2 and 3, adjacent to the front sides thereof. Secured respectively to the upper sides of the supporting bars 10 are right angled metal plates 11, disposed two upon each bar 10, adjacent to opposite ends thereof. The plates 11 have their forward ends downwardly turned and serve as bearings for supporting the drawers 5. The forward ends and lower edges of the guide bars 6 are cut away at 12 so as to permit the drawers 5 to tilt downwardly, as shown in Fig. 2, upon the plates 11 when the drawers are withdrawn to the forward position. To limit the tilting movement and to prevent the pins 9 passing out of the spaces 8, suitable stops may be employed, as for instance, vertical plates 13, secured to the forward sides of the sections 2 and 3, in positions in which they extend laterally across the spaces 8.

One or more filing members, comprising each a rectangular frame 14 are normally disposed horizontally in each drawer 5. Each frame 14 is hinged at one side and at its upper edge to the adjacent vertical side of the drawer 5 in which the frame is mounted. Two hinges 15 are preferably employed to pivotally connect each frame 14 to the drawer 5 which contains it. Each frame 14 is provided with a horizontal partition 16 which divides it into upper and lower compartments. If desired, each of these upper and lower compartments may be subdivided by means of longitudinal partitions 17 and transverse partitions 18, thereby forming a plurality of compartments, both above and below the horizontal partition 16. In a like manner that portion of each drawer 5, below the frames 14, may be provided with longitudinal, vertical partitions 19, and transverse vertical partitions 20, thereby subdividing that portion of the drawer which lies below the frames 14, into a plurality of compartments. Each compartment in the drawer 5 and in each frame 14 is preferably

provided with a sheet filing or securing means. Each of said securing means comprises preferably a wire bail 21 of spring material. Each bail 21 is disposed substantially horizontally in the compartment containing it and has its ends rigidly secured in any convenient manner and to any convenient support, as for instance, the partitions 17 and 19, the sides of the frames 14, and the sides of the drawers 5. These sheet securing bails are operated in the ordinary well known manner. The tension of each bail is such that it will tightly clamp sheets held by it against the bottom of the drawer or against the partition 16, as the case may be. To remove or insert a sheet it is but necessary to withdraw the free end of the bail a little distance from the partition 16 or the bottom of the drawer, as the case may be.

From the above it will be seen that when a drawer 5 has been outwardly drawn and swung to the tilted position shown in Fig. 2, the frames 14 of the filing members may be swung upwardly and outwardly to the position shown in Fig. 4 so that access may be had to papers contained in the drawer compartments or to the papers contained in the compartments at the underside of the partitions 16.

To limit the outward swinging of the frames 14, a plurality of links 22 are provided. To the forward side of each frame 14 is pivoted one end of one of said links, the other end of which is pivoted to the inner forward side of the adjacent drawer 5 by means of a horizontal pin 23 disposed in a longitudinal slot 24, provided in the opposite end of the link 22, as shown in Fig. 4.

In the base 1 are preferably provided a plurality of drawers 25, which may be employed for storing articles of any character.

The base 1 is provided preferably with a horizontal partition 26, upon which is supported an inwardly and outwardly slidable rectangular frame comprising a base 27, rear end wall 28, and vertical side walls 29. The side walls 29 are provided each with a vertical slot 30 adapted to receive the ends of a shaft 31 which supports a roll of paper 32. Upon the base 27, forward of the roll 32, are secured two vertical standards 33, provided in their upper edges with obliquely inclined slots 34 adapted to receive a rotary shaft 35, upon which is wound the paper from the roll 32.

Upon inwardly extending lugs 36, provided on the standards 33, is secured a curved plate 37, which is adapted to support the sheet of paper withdrawn from the roll 32 and wound on the shaft 35. For turning the shaft 35 it has secured to it at one end a disk 38. A curved metallic plate 39, having secured to its opposite ends ver-

tical plates 40, serves as a cover for that portion of the roll paper supporting frame which extends beyond the forward side of the section 2. The plate 39 is provided with an opening 41, disposed above the plate 37 so that memoranda may be inscribed upon the sheet of paper withdrawn from the roll 32.

For normally holding the shaft 35 against rotation it has rigidly secured to it a disk 42 provided with peripheral notches 43, adapted to receive a spring 44 secured to one of the standards 33. The end 40 of the cover is provided in its rear edge with a slot 45 adapted to receive the shaft 35, and which permits the cover to be withdrawn so that access may be obtained to the interior of the roll holding frame. The operation of this portion of the mechanism will be readily understood. By turning the thumb disk 38 the shaft 35 may be rotated so as to wind on said shaft the paper containing the memoranda. By removing the cover 39 the shaft 35 containing the paper thereon may be removed at will. When it is necessary to place another roll of paper on the frame this may be done by withdrawing the roll paper frame and then placing a new roll upon the shaft 31.

Various modifications of my invention, within the scope of the appended claims, may be made without departing from its spirit.

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

1. The combination with a casing, of a drawer horizontally inwardly and outwardly slidable in said casing, and a filing member normally disposed horizontally in said drawer and provided on its upper and lower sides with sheet securing devices, said member being hinged at one side to the drawer, so as to be swung to a position with its upper and lower sides reversed.

2. The combination with a casing, of a drawer horizontally inwardly and outwardly slidable in said casing, and two filing members normally disposed side by side in said drawer, each member having sheet securing devices on its upper and lower sides, said members being hinged at opposite sides of the drawer so as to be swung upwardly and outwardly.

3. The combination with a casing, of a drawer horizontally slidable in said casing, and a filing member disposed normally horizontally in said drawer and hinged at one side thereto, said filing member having compartments in its upper and lower sides.

4. The combination with a casing, of a drawer horizontally slidable therein, and a filing member disposed normally horizontally in said drawer to which it is hinged at one side, said filing member having compart-

ments in its upper and lower sides and provided with sheet securing means in each compartment.

5 5. The combination with a drawer, of a rectangular frame pivoted at one side to one side of said drawer so as normally to lie horizontally in said drawer, said frame having a horizontal partition dividing the frame into upper and lower compartments, and
10 sheet securing means in each of said compartments.

6. The combination with a drawer, of two rectangular frames pivoted at opposite sides of the drawer respectively, so as normally to
15 lie horizontally in the drawer side by side, each frame having a horizontal partition forming upper and lower compartments, and sheet securing means in each compartment.

7. The combination with a drawer, of a
20 filing member hinged at one side thereto so as to be swung upwardly and outwardly, said member having sheet securing means upon its upper and lower sides, and means for limiting the upward and outward swing-
25 ing of said member.

8. The combination with a drawer having a compartment for holding papers, of a filing member disposed normally in said drawer above said compartment and hinged
30 at one side to the side of the drawer, said member having sheet securing means upon its upper and lower sides.

9. The combination with a drawer provided with a vertical partition dividing the

drawer into compartments, of a filing member hinged at one side to one side of said drawer and normally disposed horizontally in said drawer above said partition, and sheet securing devices provided in the compartments in the drawer and upon the upper
40 and lower sides of said filing member.

10. The combination with a drawer provided with one or more compartments, of a plurality of filing members disposed horizontally in said drawer above said compartments and hinged at their sides to the drawer so as to swing upwardly and outwardly, said members each having one or more compartments in its upper and lower sides, and sheet securing means in the drawer and filing
50 member compartments.

11. The combination with a drawer, of a filing member disposed normally horizontally in said drawer and hinged at one side of the drawer so as to be swung upwardly
55 and outwardly, said member having sheet securing means upon its upper and lower sides, and a link pivoted to the drawer and to said member for limiting the outward movement of said member.
60

In testimony whereof I have signed my name to this specification in presence of two subscribing witnesses.

GEORGE S. UPSHAW.

Witnesses:

E. B. HOUSE,
J. C. IRWIN.