

D. J. SMITH.
FILING CABINET.
APPLICATION FILED NOV. 4, 1919.

1,366,427.

Patented Jan. 25, 1921.

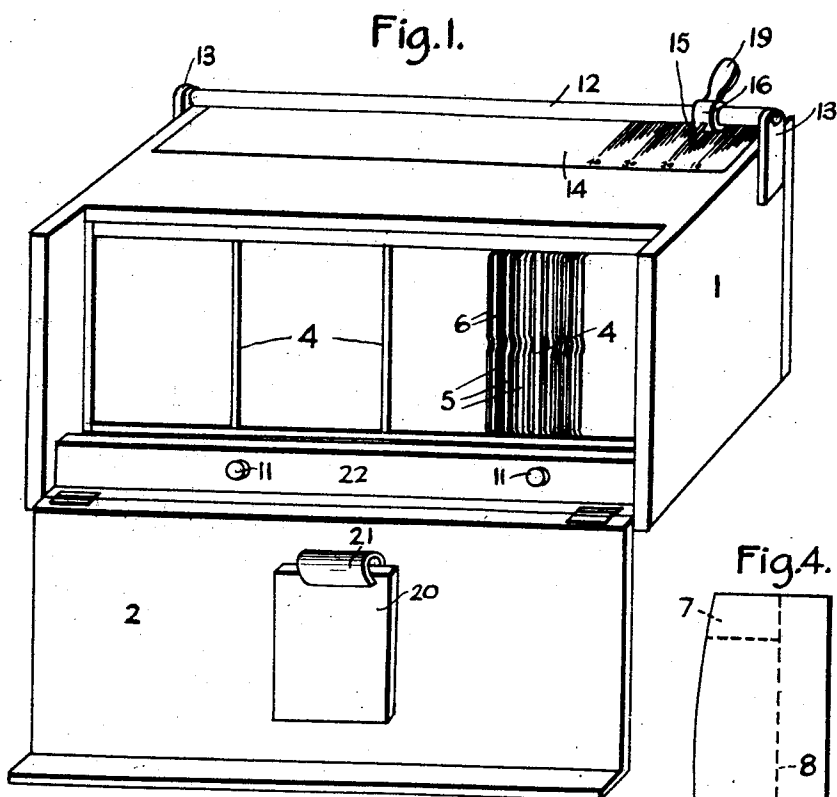


Fig. 3.

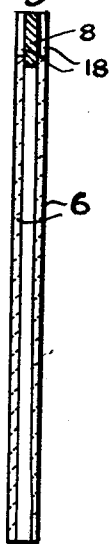


Fig. 2.

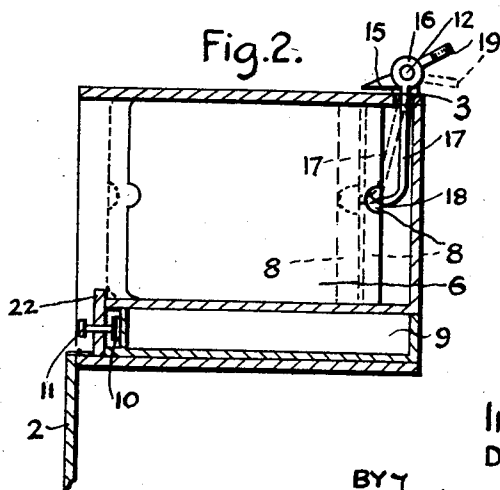
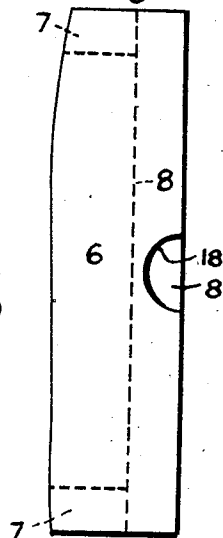


Fig. 4.



Inventor.
D. J. SMITH
BY *Fetherstonhaugh*
ATTYS.

UNITED STATES PATENT OFFICE.

DELBY JOSEPH SMITH, OF HAMILTON, ONTARIO, CANADA.

FILING-CABINET.

1,366,427.

Specification of Letters Patent.

Patented Jan. 25, 1921.

Application filed November 4, 1919. Serial No. 335,688.

To all whom it may concern:

Be it known that I, DELBY JOSEPH SMITH, of the city of Hamilton, in the county of Wentworth, Province of Ontario, Dominion of Canada, have invented certain new and useful Improvements in Filing-Cabinets, of which the following is the specification.

My invention relates to improvements in filing cabinets, and the object of the invention is to devise a filing cabinet in which any particular file can be located immediately by manually actuated means.

Figure 1 represents a perspective view of my cabinet showing the door of the same open.

Fig. 2 is a cross section thereof.

Fig. 3 is an enlarged horizontal section of one of the folders,

Fig. 4 is an enlarged side elevation of the rear portion of the folder showing the sides of the folder cut away intermediately of their height to expose the rear plate, where the same is engaged by the finger.

Like characters of reference indicate corresponding parts in the different views.

1 is the filing cabinet provided with the front door 2 hinged thereto. 3 is a lateral slot in the top of the cabinet. 4 are partitions in the interior thereof. 5 are the folders, said folders being constructed of two side pieces 6, 6, suitably spaced apart by the bottom and top strips 7, 7, and the rear plate 8 which is preferably constructed of metal. 9 are the drawers opening at the rear of the cabinet. 10 is a spring carried on the spindle of a knob 11, said spring engaging the inner side of each drawer. By pressing on the knob 11 the drawer is opened.

12 is the rod extending laterally across the top of the cabinet and secured at its ends thereto by the brackets 13. 14 is a scale secured to the top of the cabinet beneath the rod 12, said scale being suitably graduated. In the cabinet shown there are four pigeon holes, each adapted to contain thirty folders; consequently there will be one hundred and twenty graduations on the scale, the graduations being immediately above the corresponding folder in the cabinet.

15 is the reader carried in a boss 16 slidable on the rod 12, and also capable of oscillating thereon. 17 is a depending finger on the boss 16, extending down through the slot 3, the lower end engaging the rear plate 8 of the respective folders. The sides 6, 6,

of the folders are cut away at 18 in order to prevent the finger 17 engaging two folders at a time. 19 is a lever on the boss 16 for sliding same along the rod 12, and also for actuating the finger 17.

20 is a pad detachably secured to the inner face of the door 2 by the clip 21.

The device operates as follows:—

An index arranged numerically or alphabetically is kept. When it is desired to get at the contents of the folder Number 29, for instance, the reader is run along until over the graduation 29, on the scale 14. The lever 19 is then pressed down as indicated in dotted lines in Fig. 2. This operation actuates the finger 17 which throws the particular folder Number 29 forward until it strikes against the stop 22. The contents can then be removed. When the contents have been replaced the folder can be pushed back flush with the remaining folders by hand.

From the above description it will be seen that a filing cabinet constructed according to my invention will be cheap, compact, and positive in action, and moreover owing to the use of the strips 8 will be very durable.

What I claim as my invention is:

1. In a filing cabinet having the front face thereof open, a plurality of folders placed vertically side by side within the cabinet and having their front edges open, the top wall of the cabinet having a slot extending transversely thereof, a rod extending above and in the same direction as said slot and supported by the cabinet, a scale on the top wall of the cabinet located on one side of said slot, a boss mounted on the rod for sliding and oscillating movement thereon, said boss being provided with three substantially radial projections constituting respectively, a reader cooperating with the scale, a lever for moving the boss relative to the rod and a finger extending through the slot into the interior of the cabinet and adapted to engage the rear edge of any selected folder and to push it forward out of alignment with the remaining folders upon the depression of the aforesaid lever.

2. In a filing cabinet having the front face thereof open, a plurality of folders placed vertically side by side within the cabinet and having their front edges open, the top wall of the cabinet having a slot extending transversely thereof, a rod extending above and in the same direction as said slot and supported by the cabinet, a scale on the top

wall of the cabinet located on one side of
said slot, a boss mounted on the rod for
sliding and oscillating movement thereon,
said boss being provided with three substan-
5 tially radial projections constituting respec-
tively, a reader coöperating with the scale,
a lever for moving the boss relative to the
rod and a finger extending through the slot
into the interior of the cabinet and adapted
10 to engage the rear edge of any selected

folder and to push it forward out of aline-
ment with the remaining folders upon the
depression of the aforesaid lever and a stop
adapted to engage the selected folder and
limit its freedom of forward movement.

DELBY JOSEPH SMITH.

Witnesses:

GETRUDE NICHOLSON,
J. W. G. MITCHELL.