R. F. SCHMIDT.

FOLLOWER SUPPORTING CROSS WALL FOR FILE CONTAINERS.

APPLICATION FILED JAN. 13, 1915.

1,163,373. Patented Dec. 7, 1915.

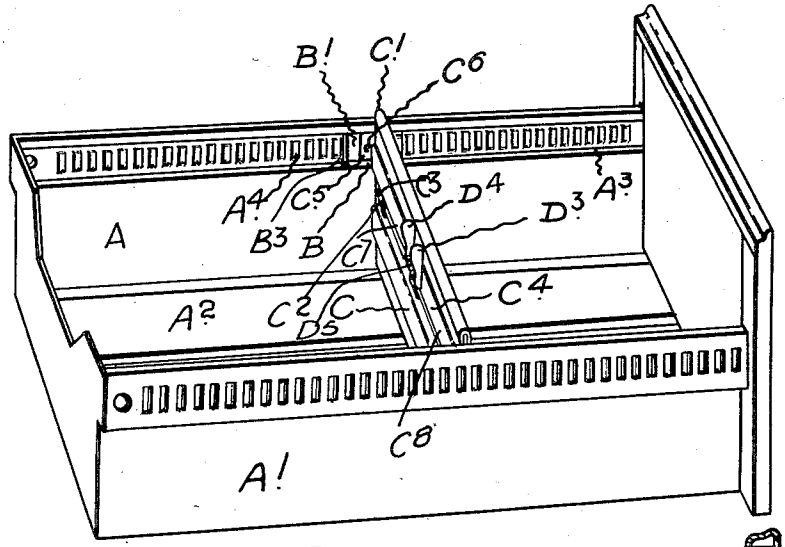


FIG. 1.

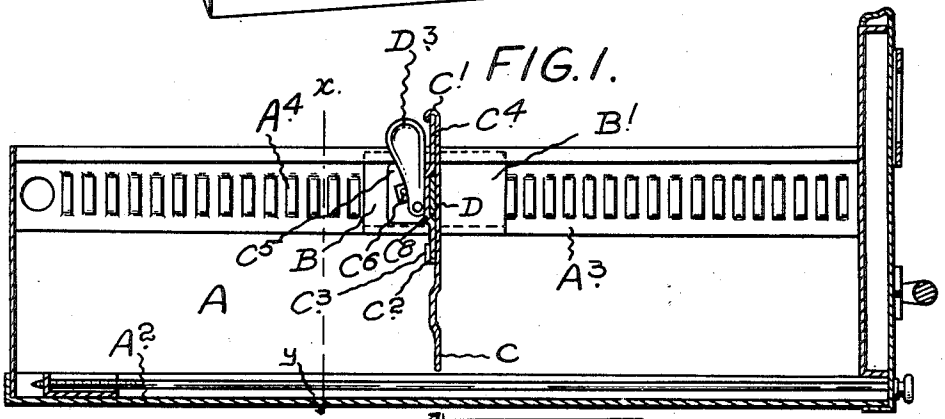


FIG. 2.

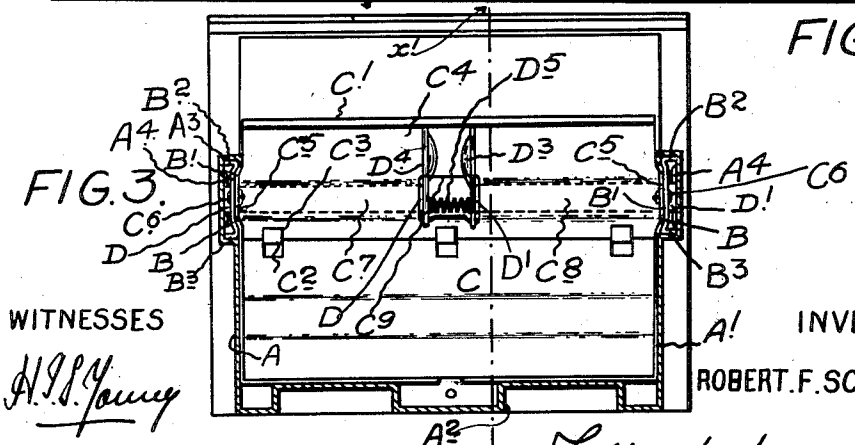


FIG. 3.

WITNESSES

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UNITED STATES PATENT OFFICE.

ROBERT FRANK SCHMIDT, OF NEWMARKET, ONTARIO, CANADA, ASSIGNOR TO THE OFFICE SPECIALTY MANUFACTURING COMPANY, LIMITED, OF TORONTO, ONTARIO, CANADA.

FOLLOWER-SUPPORTING CROSS-WALL FOR FILE-CONTAINERS.

1,163,373. Specification of Letters Patent. Patented Dec. 7, 1915.

Application filed January 13, 1915. Serial No. 2,067.

To all whom it may concern:

Be it known that I, ROBERT FRANK SCHMIDT, of the town of Newmarket, in the county of York, in the Province of Ontario, Canada, have invented certain new and useful Improvements in Follower-Supporting Cross-Walls for File-Containers, of which the following is the specification.

My invention relates to improvements in follower supporting cross walls for file containers, and the object of the invention is to devise a simple means for releasably securing the follower wall positively from either forward or backward movement and in a rigid position and it consists essentially of a container having opposing racks and guide-ways extending longitudinally of the longitudinal walls, slide plates carried in each guide-way, a follower wall extending between the opposing plates and connected thereto and spring plungers carried by the follower wall and extending through the slide plates to engage with the rack and manual means for simultaneously withdrawing the plungers out of engagement with the racks as hereinafter more particularly explained by the following specification.

Figure 1, is a perspective view of a file drawer constructed in accordance with my invention. Fig. 2, is an enlarged longitudinal section through the file drawer on line x'—y' Fig. 3. Fig. 3, is a cross section on line x—y Fig. 2.

In the drawings like letters of reference indicate corresponding parts in each figure.

A and A′ are longitudinal side walls of the container A^2 provided preferably in close proximity to each upper edge with a longitudinal guiding groove A^3 having a rack A^4 formed in the base of the groove. The container is preferably formed of sheet metal. The rack teeth are formed when the container is so made by stamping the metal inwardly in parallel strips forming the teeth A^4.

B are guide plates which comprise the vertical body portion B′ having out-turned horizontal upper and lower portions B^2 and B^3 fitting into the guiding groove A^3. The portion B′ is recessed inwardly on its inner face for a purpose which will hereinafter appear.

C is the follower wall provided with turned-over lip C′ at its upper edge and inwardly extending stamped lips C^2 located intermediately of the height of the wall and having an upward extension C^3 opposing the lip C′.

C^4 is a supplemental plate provided with end lugs C^5 which fit into the recessed portion of the plate B to which they are secured by suitable bolts C^6. The supplemental plate is provided with horizontal guide-ways C^7 and C^8, extending to each side of the center of the plate, in which is formed a rectangular orifice C^9 into which the guide-ways lead. The supplemental plate C^4 fits along its upper edge beneath the turned over lip C′ and at its lower edge in the lips C^3.

D and D′ are bolt bars held in the guiding grooves C^7 and C^8 and extending at their inner ends into the opening C^9 and engaging at their outer ends with the racks A^4. The inner ends are provided with out-turned finger grips D^3 and D^4 between which is secured a compression spring D^5.

In adjusting the follower wall all that it is necessary to do is to press the grips D^3 and D^4 between the thumb and finger against the compression of the spring D^5 thereby moving the bolt bars D and D′ longitudinally out of engagement with the racks A^4. The follower wall carried by the plates B may then be slid longitudinally of the drawer to any position required. The plates B form slidable guiding means holding the plate in a rigid vertical position. The outer ends of the bolt bars being inserted between the teeth of the rack A^4 hold the follower wall positively in position preventing it moving outwardly by pressure of material contained within the file.

What I claim as my invention is:

In a file container, the combination with the side walls thereof, of a follower wall comprising a main plate, a supplemental follower plate having a central opening and guiding grooves extending from such open-

ing to the outer ends of the plate, means for securing the supplemental plate against the main plate, plunger bars slidably held within the guiding grooves between the supplemental plate and main plate and designed to engage at their outer ends with the side walls of the container, and finger pieces carried by the inner ends of the plunger bars, and a compression spring held between the finger pieces.

ROBERT FRANK SCHMIDT.

Witnesses:

HARRY DOYLE,

VIOLET ROBINSON.