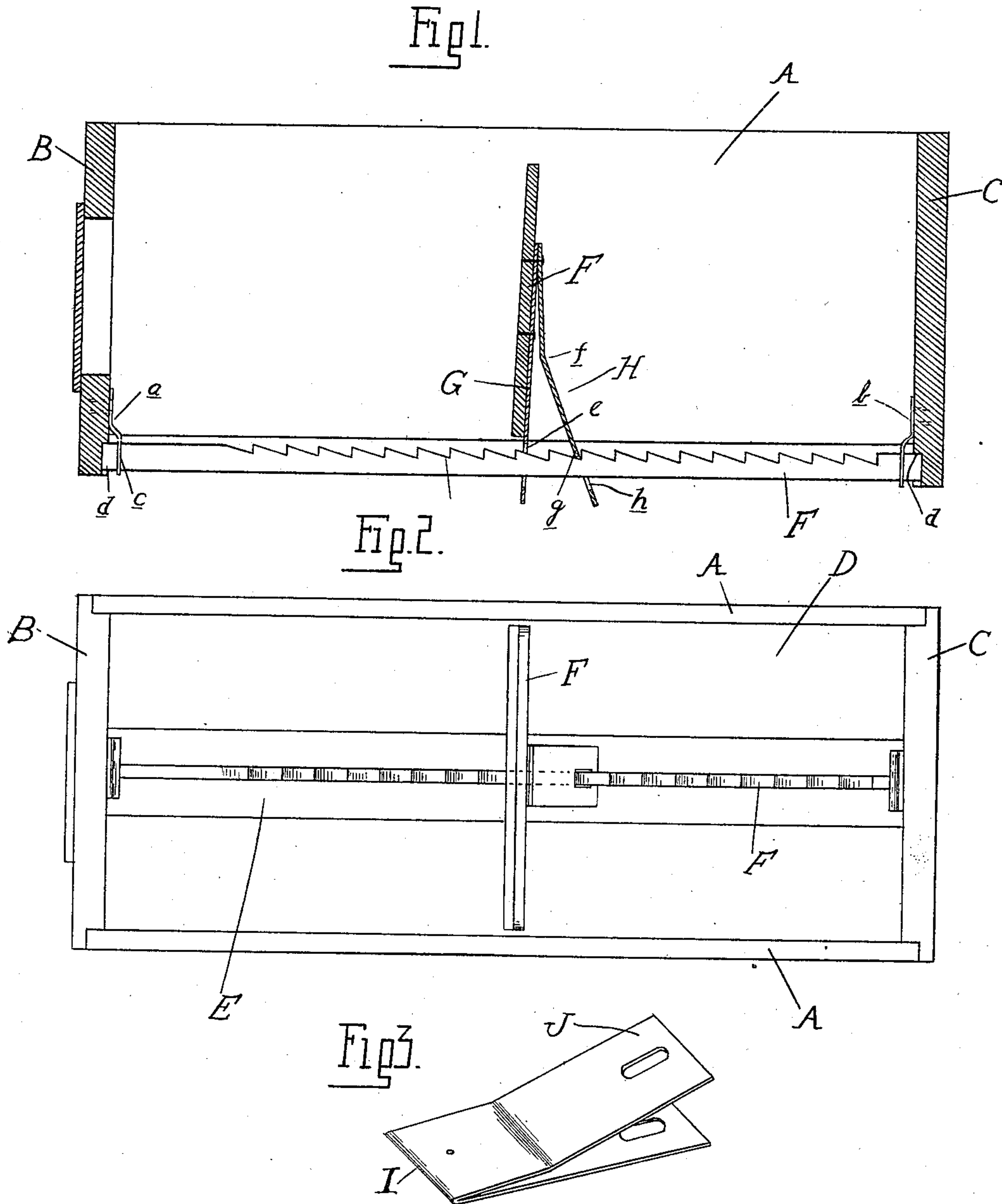


F. C. DEINZER.
 FILING CASE.
 APPLICATION FILED JUNE 5, 1908.

903,180.

Patented Nov. 10, 1908.



Witnesses
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UNITED STATES PATENT OFFICE.

FRED C. DEINZER, OF MONROE, MICHIGAN.

FILING-CASE.

No. 903,180.

Specification of Letters Patent.

Patented Nov. 10, 1908.

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To all whom it may concern:

Be it known that I, FRED C. DEINZER, a citizen of the United States of America, residing at Monroe, in the county of Monroe and State of Michigan, have invented certain new and useful Improvements in Filing-Cases, of which the following is a specification, reference being had therein to the accompanying drawings.

10 The invention relates generally to filing cases, and more particularly to the file proper or drawer, and it consists primarily in the novel construction of adjustable connections between the usual follower and drawer; 15 further, in the peculiar arrangement, construction and combination of parts; and, still further, in various details of construction as will be more fully hereinafter pointed out.

20 In the drawings illustrating my invention, Figure 1 is a vertical central section through a file cabinet drawer; Fig. 2 is a plan view thereof; and Fig. 3 is a modification, illustrating a different form of adjustable connecting means.

25 In construction, the drawer is composed of the usual sides A, front B, back C, and a bottom D. The bottom, as shown, is centrally slotted, as at E, the slot extending 30 from the front to the rear of the drawer, and arranged centrally within the slot with its ends connected to the ends of the drawer is a rack bar F.

35 The bar described is preferably held in place within the slot by hangers *a b* rigidly attached at their upper ends to the front and back of the drawer, and having depending slotted sections *c* through which the bar extends, as plainly shown in Fig. 1. Also, 40 to prevent any turning or rotary movement of the bar, the front and back of the drawer is slotted vertically, as at *d*, to receive the extreme ends of the rack, as shown.

45 Mounted upon the file bottom for longitudinal movement is the usual follower F' having adjustable connections with the rack bar, which serve as a lock to hold the follower in different positions of adjustment.

50 The connections comprise a vertical bar G rigidly secured to the rear of the follower, and extending therebelow through the slot E and at a distance below the bar, and the portion projecting below the follower is slotted, as at *e*, to a point near its lower 55 extremity to receive the rack. The member

G described serves as a guide for the follower, and is adapted to loosely engage the rack bar so as to permit of free sliding movement of the follower plate.

H represents a locking member in the form 60 of a bar similar to the bar G, and preferably rigidly attached at its upper end thereto, as indicated in Fig. 1. It is preferably angle-shaped in form, being bent outwardly intermediate of its ends at a point *f*, the lower 65 section *g* extending in an angular direction relative to the follower and provided with an elongated slot *h* in its free end through which the rack bar extends. The slot described is of sufficient length to permit, upon 70 the tilting of the follower, free longitudinal movement of the latter in either direction within the box, provision thus being made for quickly adjusting the follower to receive and hold the box or file contents. 75

The parts being in the position shown in Fig. 1, the follower is locked against rearward movement. To clamp and hold the contents between the follower and the box front, the follower may be readily moved 80 forwardly, and will automatically lock at points desired. To shift the follower in the opposite direction it is merely required to tilt the follower forwardly a slight distance, thereby raising the upper edge of the 85 slot *h* to clear the rack bar teeth, and the follower may be moved rearwardly any required distance. Upon releasing the follower the parts will automatically assume a position as shown in Fig. 1, and the fol- 90 lower be again locked against rearward movement.

It will be obvious from the construction of the adjustable connections that while provision is made by means of the slot *h* for the 95 free sliding movement of the follower the portion of the locking bar below the slot serves to limit the tilting movement of the follower, thereby preventing the disengagement of the parts. 100

In Fig. 3 I have shown a different construction of guide and locking means for the follower, which I may and preferably do employ in place of that previously described. The two members in this instance are formed 105 by a single inverted V-shaped bar, I, adapted to be connected at its apex to the follower and the end portions to project within the slot in the bottom of the drawer or casing. These latter ends are preferably slotted in 110

the same manner as previously described, the member J of the V-shaped bar distant from the follower serving as before pointed out to limit the tilting movement of the follower, thereby preventing the disengagement of the parts.

What I claim as my invention is,—

1. The combination of a drawer or case having a longitudinally slotted bottom section and vertical recesses formed in its ends opposite the slot, a toothed rack bar positioned centrally within the bottom slot and having its ends engaging the vertical recesses, depending slotted hangers for said bar secured to the drawer ends opposite the recesses, a follower within the drawer, a guide member for the follower depending from the latter within the bottom slot and recessed at its lower end to loosely engage the rack bar, and a locking member for the follower attached to the guide member and projecting within the bottom slot, the lower extremity of the locking member being slot-

ted to entirely encircle the rack bar and loosely engage the same.

25

2. The combination of a drawer or case having a longitudinally slotted bottom section and vertical recesses formed in its ends opposite the slot, a toothed rack bar positioned centrally within the bottom slot and having its ends engaging the vertical recesses, depending slotted hangers for said bar secured to the drawer ends opposite the recesses, a follower within the drawer, and a single inverted V-shaped bar secured at its apex to the follower, the bar members projecting downward within the slot, the extremities of said members being each slotted to embrace and loosely engage the rack bar.

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In testimony whereof I affix my signature in presence of two witnesses.

FRED C. DEINZER.

Witnesses:

PERCY B. WEEKS.

WM. G. GUTMANN.