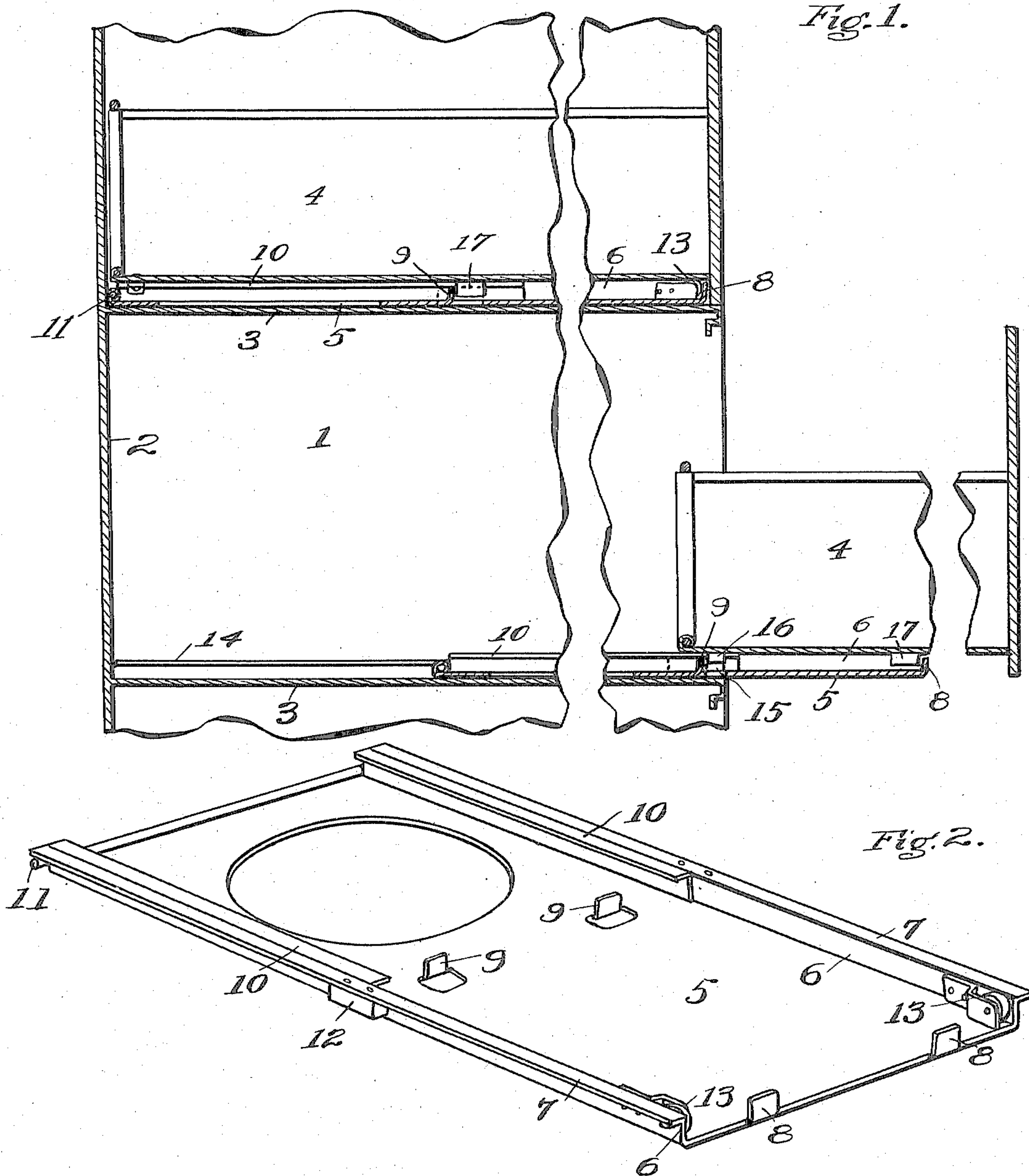


L. SENGE.
FILING CABINET.

APPLICATION FILED FEB. 4, 1910.

958,018.

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Witnesses.
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UNITED STATES PATENT OFFICE.

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FILING-CABINET.

958,018.

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To all whom it may concern:

Be it known that I, LIBORIUS SENGE, a citizen of the United States, residing at Crescent Springs, in the county of Kenton and State of Kentucky, have invented certain new and useful Improvements in Filing-Cabinets, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing, forming part of this specification.

My invention relates to filing cabinets provided with sliding drawers, wherein it is desirable to provide a stop to prevent the accidental withdrawal of the drawer from the cabinet, and also to provide a support for the drawer so that the same can be pulled out to the greatest possible extent to give access to the entire interior of the drawer for the purpose of introducing removing or inspecting its contents.

The object of my invention is to provide a simple and efficient mechanism to accomplish the above stated purposes which mechanism can be cheaply constructed, will be permanent, convenient in action, and can be used in cabinets of either metal or wood construction, and also can be used in combination with any kind of drawer, whether for filing purposes, storage, or any other use to which a drawer is or may be put.

The novelty of my invention will be hereinafter more fully set forth and specifically pointed out in the claim.

In the accompanying drawing: Figure 1 is a broken sectional side elevation of a cabinet containing two drawers, one of which is shown in a closed position, the other being opened and showing the application of my invention thereto. Fig. 2 is a perspective view of my improved drawer support.

The same numerals of reference are used to indicate identical parts in both the figures.

In Fig. 1, 1 represents a side wall, 2 the rear wall and 3, 3 the shelves of any suitable cabinet. The compartments formed by the walls and shelves just described are adapted to receive drawers 4 which may be of any suitable size and of any construction, the size and construction being determined by the use to which these drawers are to be put.

In order to permit the drawers 4 to be extended as far as possible without the danger of the same falling out of the cabinet I interpose a drawer support 5 between

the drawer 4 and the shelf 3. This drawer support 5 is preferably composed of sheet metal and has its side edges turned upwardly and outwardly as at 6 and 7, thus forming a double angle which may serve as a drawer runway. The front edge of the drawer support 5 is sheared in such manner that projections are left thereon which are afterward bent up to form front drawer stops 8 and at about the center of the support, rear drawer stops 9 are formed by U-shaped cuts. Inturned angle pieces 10 are fastened to the upturned edges 6 and extend from about the center of the support to the rear end thereof, and a rod or wire 11 is rolled into the rear edge of the support and extends approximately the full width of the support and the outturned flanges 7. Support stops 12 composed of rubber or leather or any other suitable resilient or sound deadening material are suitably secured at or about the center of the sides of the drawer support, as shown, and antifriction rollers 13 may be employed where the drawer and its contents are either bulky or heavy.

Secured within the cabinet and to the side walls thereof adjacent to the shelf 3 are runways 14 extending from about the middle of the side walls 1 to the rear thereof and engaging the rod 11 and a suitable stop 15 is secured at the front inner edge of each side wall to engage the stop 12. Any suitable device such as a hook 16 may be fastened to the bottom of the drawer at the rear to engage the angle pieces 10, and stops 17 are fastened to the bottom of the drawer in line with the stops 8 and 9 of the support.

In service the rod 11 is engaged under the guides 14 and the stops 12 raised over the stop 15 and brought behind the same. The drawer 4 has its hooks 16 brought into engagement with the angle pieces 10 and its stops 17 raised over the front stops 8 of the support 5. This assembles the apparatus and puts it in condition for use the drawer 4 being open. Upon closing the drawer the stops 17 travel away from the drawer stops 8 and toward the stops 9 thus picking up the drawer support and carrying it to the rear, the rod 11 traveling back in its guide 14 until the drawer is completely closed. Upon opening, the drawer slides forward along the drawer support until the stops 17 engage the front stops 8 thus picking up the drawer

support and carrying it forward until its stops 12 engage the stops 15 at which time the drawer will be fully extended, the rod 11 in its guides 14 supporting the weight on the outer end of the drawer support and the hooks 16 in their guides 10 supporting the weight from the outer end of the drawer, as will be readily understood.

Having thus fully described my invention
10 I claim:

In a drawer support for filing cabinets and the like the combination of a main supporting shelf, front stops to limit the outward movement of the drawer, rear stops to

limit the inward movement of the drawer 15 with relation to the drawer support, stops to limit the outward movement of the drawer support with relation to the cabinet, supporting guides to maintain the horizontal position of the drawer support, and supporting guides to maintain the horizontal position of the drawer, substantially as described. 20

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