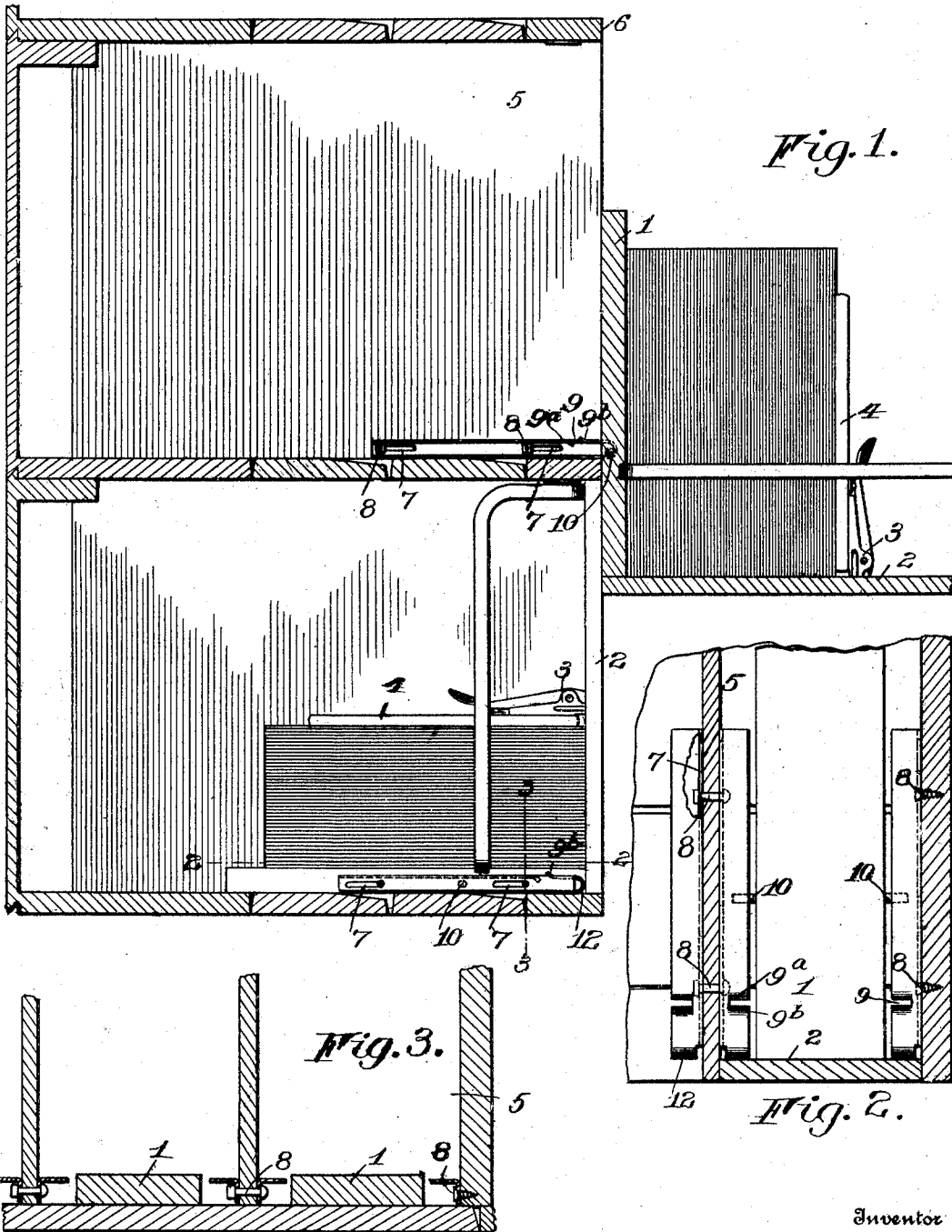


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P. H. YAWMAN.
PAPER FILING DEVICE.
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PAPER-FILING DEVICE.

SPECIFICATION forming part of Letters Patent No. 788,574, dated May 2, 1905.

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To all whom it may concern:

Be it known that I, PHILIP H. YAWMAN, of Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Paper-Filing Devices; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and to the reference-numerals marked thereon.

My present invention relates to improvements in devices for filing or storing letters, bills, and other documents and papers, and more especially to that class of such devices wherein the drawers or receptacles are drawn forwardly and then tilted or swung downwardly in a vertical plane to enable the documents or papers contained therein to be readily inspected or examined; and it is the object of my improvements to provide an inexpensive device for effectually arresting the forward motion of the drawer or receptacle and serving as a pivot or support about which the latter is swung and suspended, the construction of the said device being such that accidental disengagement between it and the drawer or receptacle during the forward motion of the latter is practically impossible.

To these and other ends my invention consists in certain improvements that will be hereinafter more fully explained, and pointed out in the claims hereunto annexed.

In the drawings, Figure 1 is a vertical sectional view of a filing-cabinet to which my improvements have been applied, the filing devices or receptacles being shown, respectively, in their open and closed positions. Fig. 2 is a fragmentary section view on the line 2 2, Fig. 1, showing the supporting devices in plan; and Fig. 3 is a transverse sectional view on the line 3 3, Fig. 1.

My present invention is particularly applicable to that class of filing devices wherein the drawers containing the papers are first

drawn forwardly to a predetermined position and are then swung downwardly in a vertical plane to enable the papers to be readily turned over or examined, and in the present embodiment I have shown such a form of filing device wherein each of the drawers or receptacles embodies a base-board 1 and the guiding-support 2, the latter being provided with a track in which operates the clamping member 3 of the follower 4, the papers being inserted between the latter and the base-board 1 in such a manner that when the filing device is tilted downwardly after being withdrawn from the cabinet the papers will stand edgewise on the supporting-board 2. These filing devices are each adapted to enter the receptacles 5 of the filing-cabinet 6 in the usual manner; and the object of this invention is to provide an improved device that will effectually arrest the forward motion of the filing device in being removed from its cabinet and to enable it to be swung down about this device as a pivot or support, and this device in the present embodiment comprises a plate one of which is preferably located at each side of the drawer-opening, and the present form of this device is formed of sheet material, the longitudinal edges being bent to extend at right angles, one of these edges being provided with one or more longitudinal slots 7, which are formed of a predetermined length and are adapted to receive the securing bolts or screws 8, which are anchored in the adjacent walls of the cabinet, and the opposite edge of this device, which stands substantially at right angles to the securing edge, has a transverse opening 9 formed in proximity to its forward end, this opening being formed, preferably, by cutting this edge transversely and turning the rear edge thus formed downwardly and the forward edge upwardly, thereby forming a turnout through which the supporting-pin 10 of the filing device may pass. However, by forming these edges in the manner above described it will be ob-

vious that the pivot-pins 10 of the paper-receptacle cannot possibly enter the aperture 9 while the filing device is being drawn forwardly, thereby preventing the accidental
5 disengagement of these members during their operation.

The operation of a device of this character is as follows: When it is desirable to render the papers of the filing device accessible, the
10 latter is drawn forwardly to the limit of its motion, such an operation causing the supporting-pins 10 to strike the doubled end 12 of each supporting device, causing these supports to be moved forwardly until the secur-
15 ing-bolts 8 reach the end of their respective slots 7. When this has occurred, these supports will have moved forwardly, taking up such a position as to enable the filing devices or receptacles that are supported by the pins
20 10 to swing downwardly, thereby enabling the papers to be readily examined. In restoring the device to its normal position within the cabinet it is first swung upwardly in a vertical plane and then moved directly rearwardly
25 the support 2 of the filing device abutting against the forward ends 12 of the supports and in that manner moving the latter back into the position shown at the lower portion of Fig. 1.

30 A paper-filing cabinet equipped with my said improvements will be free from the objectionable features usually encountered by those employing devices that are usually employed for the purpose of that herein described, for the reason that accidental dis-
35 engagement of the support and the drawer is practically impossible while the drawer is moving forwardly, because it will be evident that should the forward end of the filing device be lifted upwardly disengagement will
40 be prevented by the deflecting portion 9^a of the support, and when it becomes necessary to entirely remove the filing device this may be accomplished by moving the filing device
45 backwardly and lifting it upwardly simultaneously, thereby enabling the pivot-pins 10 to pass between the curved edges 9^a 9^b and in this manner become disengaged from the latter.

50 A device of this character embodying my invention may be readily and cheaply punched and formed of sheet material, and while I have shown its application to but one form of paper-filing drawer or receptacle, it will of
55 course be understood that it may advantageously be applied to the various kinds of files which operate in accordance with the principles hereinbefore described.

I claim as my invention—

60 1. The combination with a cabinet or holder having one or more receptacles, formed therein, of paper-filing devices adapt-

ed to enter the receptacles of the cabinet having pivotal supports thereon, and supporting
65 devices each embodying a plate secured within the receptacle having a laterally-projecting portion adapted to extend above and prevent vertical motion of the corresponding
70 pivotal support, an inclined turnout being formed in the laterally-projecting portion through which the said support may be withdrawn, and an abutment formed at the forward end of the supporting device for limiting the forward motion of the said support.

2. The combination with the cabinet hav-
75 ing one or more receptacles formed therein, of paper-filing devices slidably mounted in said receptacles and carrying pivot-pins, and supporting devices each having a longitudinally-extending portion adapted to prevent
80 the vertical displacement of the corresponding pivot-pin of the filing device, having an inclined passage or turnout formed therein through which the said pin may pass, and an abutment at the forward end of the support
85 adapted to limit the forward motion of the said pin.

3. The combination with the cabinet having one or more receptacles formed therein, of paper-filing devices slidably mounted in
90 said receptacles and provided with laterally-projecting pivot-pins, and supports for the filing devices each embodying a plate having elongated apertures to receive securing devices for permitting a longitudinal motion of
95 the plate, a laterally-projecting portion extending longitudinally above the corresponding pivot-pin having a rearwardly-inclined passage formed therein adjacent the forward end thereof, and an abutment formed
100 at the forward portion of the plate for limiting the forward motion of the pivot-pin.

4. In paper-filing devices, the combination with the cabinet or holder having one or
105 more drawer-receptacles formed therein, of a drawer or paper filing device for each receptacle slidably mounted therein having the laterally-disposed pivotal supports, and supporting devices longitudinally movable within the drawer-receptacle having a laterally-
110 projecting portion extending longitudinally of the receptacle and projecting above the pivotal supports of the drawer, an aperture being provided in said portion the adjacent forward and rear edges of which are turned
115 upwardly and downwardly respectively to provide an inclined passage for the pivotal support, and an abutment at the forward end of the plate cooperating with the pivotal support for limiting the forward motion of
120 the drawer.

5. A device of the character described, embodying a plate formed of sheet material having its longitudinal edges bent substan-

5 tially at right angles, one of which is provided with elongated apertures extending longitudinally thereof, the adjacent portion being provided with a longitudinal extension at one end which is doubled back substantially parallel thereto, a transversely-arranged aperture being formed in said ad-

jacent portion the opposing edges of which are inclined to form an obliquely-disposed passage.

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