

P. H. YAWMAN.
 FILE OR TRANSFER CASE.
 APPLICATION FILED DEC. 21, 1906.

998,444.

Patented July 18, 1911.

2 SHEETS—SHEET 1.

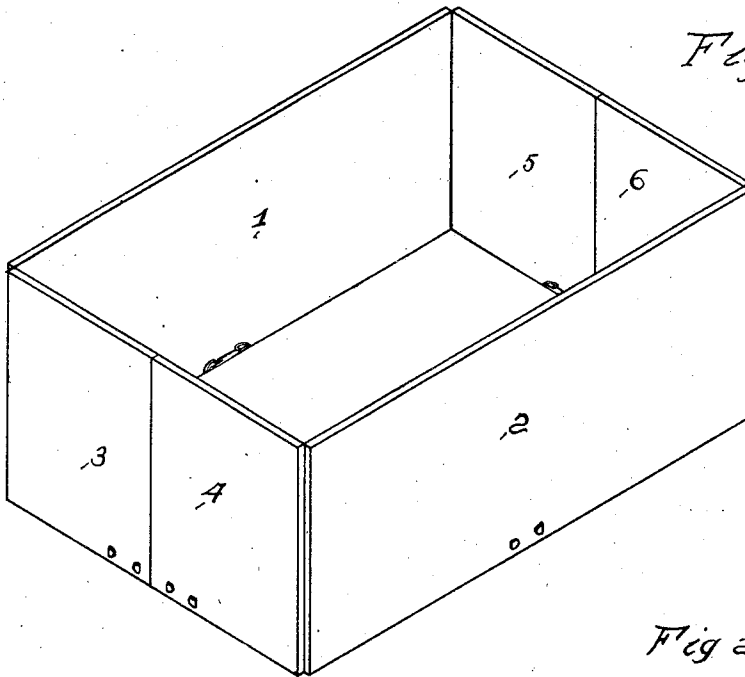
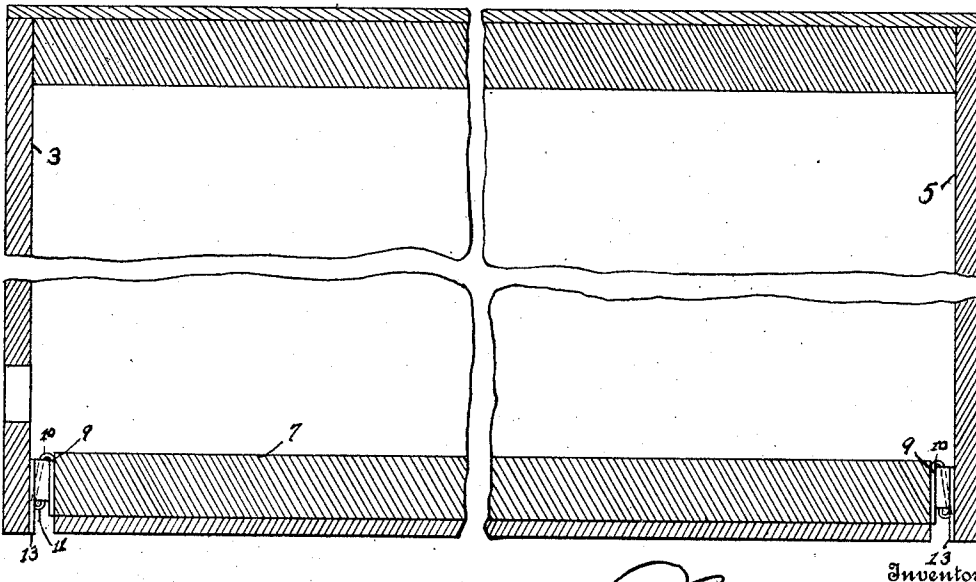


Fig 1.



Inventor

Witnesses

Laurence Bickford
Russell B. Shifflett

By

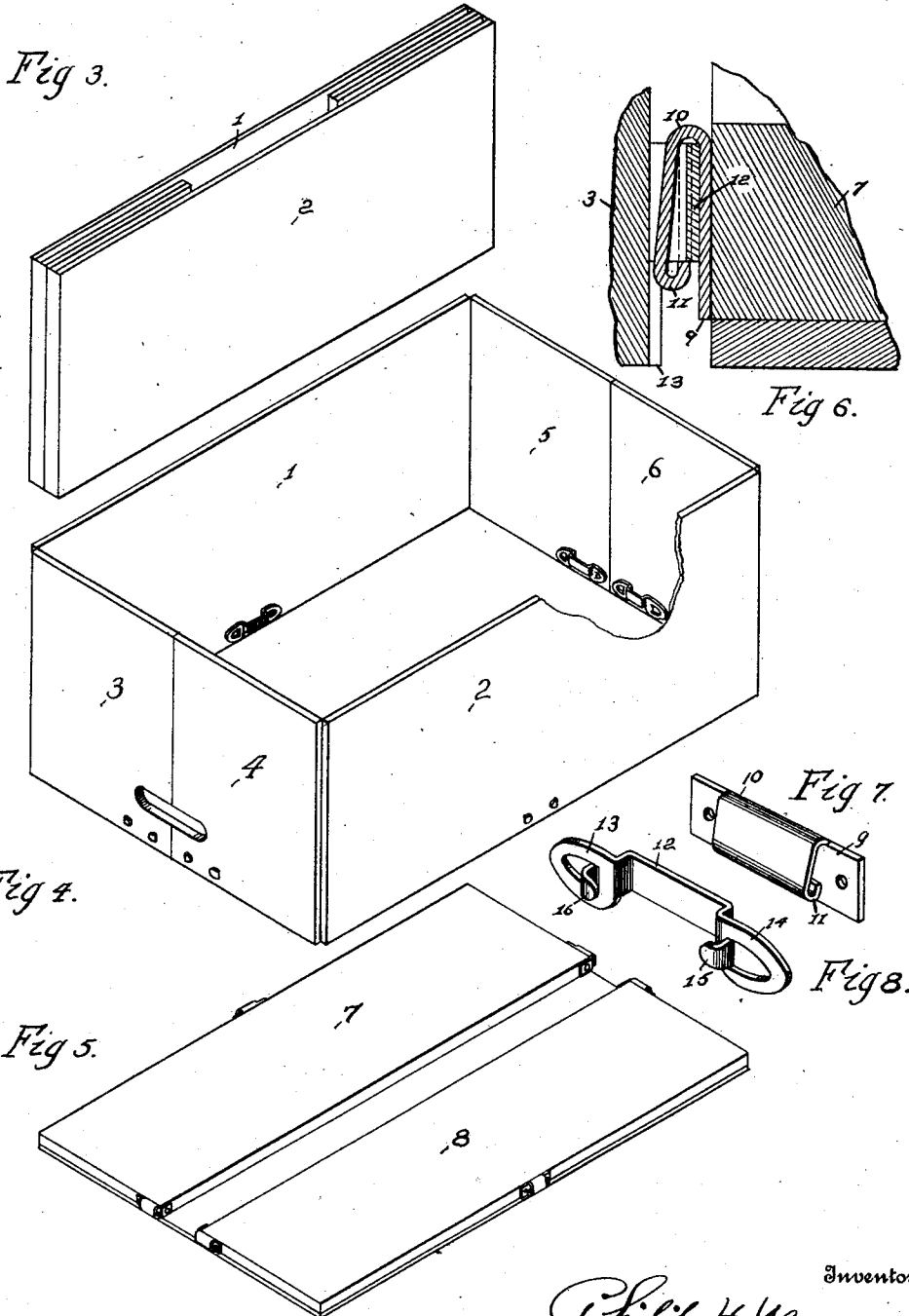
Philip H. Yawman
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2 SHEETS-SHEET 2.



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UNITED STATES PATENT OFFICE.

PHILIP H. YAWMAN, OF ROCHESTER, NEW YORK, ASSIGNOR TO YAWMAN & ERBE
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FILE OR TRANSFER CASE.

998,444.

Specification of Letters Patent.

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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 File or Transfer Cases; 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 files or cases adapted to contain letters and other documents, and it has for its object particularly to provide a transfer case especially adapted to be employed in storing documents after their removal from the current or reference files, the cases being simple in construction to enable them to be sold at small cost and being so constructed that they may be shipped in folded form to minimize the transportation charges, as well as liability to damage, suitable devices being provided on the parts of the case adapted to cooperate when the parts are assembled to firmly secure them together and retain them in proper arrangement so that the file may be readily handled, the assembling of the device being so simple that it may be performed by even the user, and avoiding the use of tools or additional parts, and these devices are so constructed that should it be desirable, the file or case may be taken apart and folded up by the user by disengagement of the cooperating catches, although accidental disengagement of these parts is prevented.

To these and other ends the invention consists in certain combinations and improvements of parts all as will be hereinafter more fully explained, the novel features being pointed out in the claims at the end of the specification.

In the drawings: Figure 1 is a perspective view of a file or transfer case constructed in accordance with my present invention. Fig. 2 represents a vertical section through the case showing a pair of cooperating fastening devices for retaining the bottom of the case in cooperative relation with the sides thereof. Figs. 3 and 4

are perspective views of the sides of the case showing it in folded and unfolded forms respectively. Fig. 5 is a perspective view of the bottom detached from the side portions of the case. Fig. 6 represents a detail section of one of the fastening devices showing its cooperating members locked, and Figs. 7 and 8 are detail perspective views of these cooperating members of one of the fastening devices.

Similar reference numerals in the several figures indicate similar parts.

As previously stated, this invention is especially adapted to facilitate the storing of documents in accessible condition, although of course it will be understood that the invention may be adapted to other uses, and the transfer case shown in the present embodiment of the invention comprises a side portion embodying side pieces 1 and 2, connected at their ends by hinged or folding sections 3, 4 and 5 and 6, these sections being pivotally attached at their outer ends to the respective sides 1 and 2 by muslin or other suitable means, and have a hinge connection at their inner ends which also may be formed by a strip of muslin or fabric overlapping them, the object of so constructing the sides being to enable them to be folded into a flat or compact form such as shown in Fig. 3, the sections 3, 4 and 5 and 6 folding inwardly between the side pieces 1 and 2.

The bottom section for the case may be composed of heavy paper or other suitable material, and is preferably provided with stiffening boards 7 and 8, the arrangement and dimensions of these boards being such that they will closely fit within the sides of the case. It is desirable to employ fastening devices between these parts, that is to say, between the sides and the bottom of the case, that will enable these parts to be readily assembled by inexperienced persons, and when so assembled, will be secured from accidental disengagement, although they may be disengaged or detached after assembling, should it be desirable or necessary, by suitable manipulation of the fastening devices, this feature adapting the transfer case especially to temporary uses, or for subsequent

shipment after it has been once set up. The fastening devices employed in the present instance embody a pair of members adapted to interlock or cooperate when the parts are brought into position for assembling, one member of each fastening device being attached to the side portion of the case, and the other to the bottom portion. One of these members in the present instance embodies a fastening plate or body portion 9, having a catch thereon in the form of a tongue 10 extending from the upper edge of the fastening plate and doubling downwardly in front thereof, the lower edge of this plate being provided with an up-turned locking flange or shoulder 11, preferably spaced normally a slight distance in front of the body portion of the fastening member. The cooperating fastening member which is adapted to be attached to the other portion of the case embodies a plate having an offset portion or cross piece 12 of a width sufficient to receive the catch of the cooperating fastening member, and of such a length as to enter between the flange 11 at the lower end of the catch and the top of the bend. These fastening members of course may be arranged, respectively, either on the bottom portion or the side portion, as desired, the member carrying the catch, in the present instance, being shown adapted for attachment to the stiffening boards 7 and 8 of the body section by means of ordinary screws or similar means, while the cooperating member is provided with lateral extensions 13 and 14 adapted to bear on the inner surface at the side of the case, and having fingers 15 and 16 struck up therefrom and adapted to be extended through the paper or other material composing the side portion and clenched against its outer surface. This arrangement is advantageous for securing one of the cooperating members of each fastening device to the side portion, which is usually thin and will not retain screws or nails, and should it be desirable to apply the member carrying the catch to the side portion, the means of fastening these members could, of course, be reversed. Any number of these fastening devices may be employed as may be found necessary for locking the parts of the case is their proper relation, one of these devices being shown for each of the side members 1 and 2, and one for each of the folding sections of the side portions of the case, but of course these devices may be employed in numbers and disposed in positions according to the judgment of the manufacturer.

As previously stated, in shipping the case, the side portions are folded into the form shown in Fig. 3, and this part of the case may be packed flatwise against the bottom of the case, the parts being so compact that they require little space, and are not liable

to damage during transportation and handling. When it is desirable to assemble the parts of the case, the side portion of the case is opened into the form shown in Fig. 4, and the bottom is inserted therein from the top, the flange 11 on the lower end of each catch engaging the cross piece 12 of its respective fastening device, and as pressure is applied, the part 12 will separate the flange 11 from the body portion 9 of its respective fastening member sufficiently to admit the cross piece 12, and as the latter is fully inserted beneath the catch, the locking flange 11 on the latter will return to its normal position behind the part 12 and prevent disengaging movement thereof. When all of the fastening devices have been locked in this way, the parts of the case cannot become accidentally separated, although should it be desirable to take the case apart, this may be accomplished by withdrawing the locking flange 11 of each fastening device from the path of the part 12 on the cooperating member by means of a screw driver or other appropriate implement, and this will permit separation of the fastening members.

I claim as my invention:

1. In a file or transfer case, the combination with a collapsible side portion, and a bottom portion adapted to be assembled within the side portion to form a receptacle, of a fastening member on one of said portions, and a catch on the other member arranged to cooperate with the fastening member on the other portion and having a locking shoulder automatically cooperating with said member for preventing accidental disengagement of the portions of the case, the member carried by the bottom portion being arranged above its bottom face and comprised between its end face and the adjacent wall of the other portion.

2. In a file or transfer case, the combination with a folding side portion, and a bottom section adapted to fit within the side portion to form a receptacle, of a fastening member on one of the portions, and a catch member on the other member adapted to automatically engage the said fastening member when the parts are assembled to lock the bottom against further movement in one direction and form a receptacle, and a locking flange or projection on one of the members automatically cooperating with the other member after engagement of the members for preventing accidental disengagement of the portions of the case in the other direction.

3. In a knockdown file or transfer case, the combination with the portions adapted to be assembled to form a receptacle, of a fastening member on one of the portions having a catch-engaging portion, and a catch member on the other portion of the case embodying an attaching portion, a

5 tongue arranged in doubled relation thereto and adapted to receive the catch-engaging portion of the other member between it and the attaching portion, and a locking shoulder or projection on a movable portion of said tongue and extending toward the attaching portion and adapted to be automati-

cally locked therewith to prevent disengagement of said catch-engaging portion and the catch.

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
