

(No Model.)

C. W. COX.
FILE.

No. 482,497.

Patented Sept. 13, 1892.

Fig. 1.

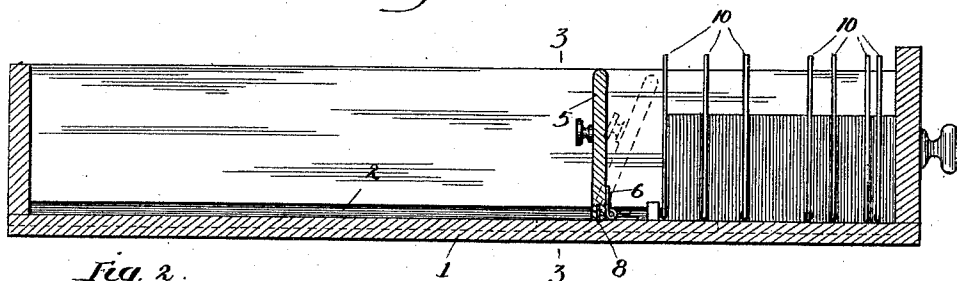


Fig. 2.

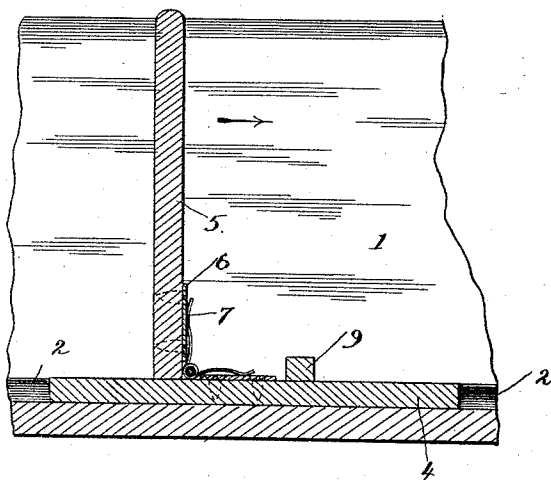


Fig. 3.

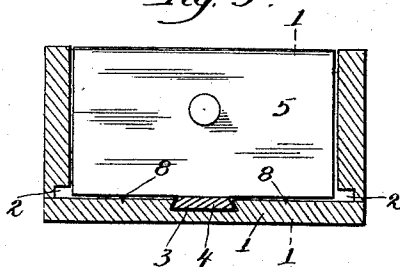


Fig. 4.

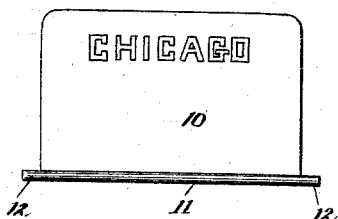
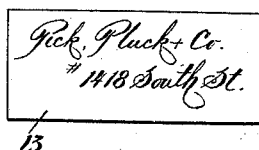


Fig. 5.



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UNITED STATES PATENT OFFICE.

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FILE.

SPECIFICATION forming part of Letters Patent No. 482,497, dated September 13, 1892.

Application filed February 27, 1892. Serial No. 423,035. (No model.)

To all whom it may concern:

Be it known that I, CHARLES W. COX, a citizen of the United States, residing at Oak Park, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Files, of which the following is a specification, reference being had to the accompanying drawings, in which—

Figure 1 is a longitudinal vertical section on line 1 1 of Fig. 3. Fig. 2 is an enlarged detail, being a central longitudinal vertical section. Fig. 3 is a vertical cross-section on line 3 3 of Fig. 1. Fig. 4 is an end elevation of one of the cards, and Fig. 5 is a view of one of the memorandum-cards which my improved file is adapted to receive.

My invention relates to files which are particularly adapted for filing cards containing addresses of business houses or of persons or containing any other memoranda which it is desired to preserve.

Heretofore it has been customary with merchants to preserve the names of their patrons or of persons to whom they wish to send circulars or whose addresses they desire to keep in a book in which the names of the parties were written, together with their addresses. In keeping the names in this way the frequent change of address of the parties necessitated a frequent erasure and rewriting of the names, and frequently the names became obliterated or blurred, so that it was difficult to decipher them.

The object of my invention is to provide a new and improved file which will be particularly adapted for the use above referred to, in which the different addresses may be readily changed when necessary and may be easily accessible. I accomplish this object as hereinafter specified, and as illustrated in the drawings.

That which I regard as new will be pointed out in the claims.

In the drawings, 1 indicates a receptacle for containing the various parts of the file, which receptacle is preferably in the shape of a drawer adapted to fit into a cabinet. The drawer 1 is provided at each side along its lower edge with a groove 2, as best shown in Fig. 3.

3 indicates a dovetailed groove formed in the bottom of the drawer 1, as best shown in Fig. 3.

4 indicates a dovetailed slide, which fits into the groove 3 and is adapted to slide therein longitudinally of the drawer 1.

5 indicates a board, which is about as wide as the drawer 1, which board is mounted upon the slide 4 and is supported by means of a hinge 6, which is secured to the board and to the slide 4, as best shown in Fig. 2, in such manner as to permit the board 5 to be tilted in the direction indicated by the arrow in Fig. 2.

7 indicates a spring mounted upon the hinge 6 and adapted to return the board 5 to a vertical position. The lower edge of the board 5 is squared to rest squarely upon the slide 4, as best shown in Fig. 2. By the construction shown the board 5 may be tilted toward the front of the drawer, but cannot be tilted in the opposite direction, owing to the fact that its lower edge will bind upon the slide 4, as shown, and upon the bottom of the drawer 1, as the groove 3 is of such depth that the upper surface of the slide 4 will be about upon a level with the bottom of the drawer.

8 indicates metallic pins projecting from the lower edge of the board 5 and adapted to enter the bottom of the drawer when the board 5 is in its vertical position, as shown in Fig. 3.

9 indicates a transverse bar secured upon the slide 4 at a slight distance from the board 5 and between the board 5 and the front of the drawer.

10 indicates a number of cards, which are adapted to fit loosely in the drawer 1. Each card 10 is provided on its lower edge with a metallic strip 11, which is provided with projecting ends 12, which extend a short distance beyond the edges of the card, as shown in Fig. 4. The ends 12 of the strips 11 are adapted to fit in the grooves 2 in the sides of the drawer 1, as best shown in Fig. 3, and to move therein lengthwise of the drawer. The cards 10 may be removed from the drawer by turning them at an angle to the sides of the drawer, so that one end of the strip 11 will be thrown forward and the other back-

ward. Any desired number of cards may be used in the drawer. The number of cards should, however, be limited, so that the cards may be placed at a sufficient distance apart to receive the desired amount of matter between them, as will be hereinafter described.

The cards 10 are intended to have printed or written upon them the names of different towns or States. In the space between the cards is placed one or more cards 13, which contains the name and address of a firm or any other matter which it is desired to preserve, the memoranda being placed behind the proper card 10—as, for instance, if the address to be preserved were that of "Pick, Pluck & Co., 1418 South street, Chicago," the card containing the address, as indicated in Fig. 5, would be placed behind the card 10 having the word "Chicago" written or printed upon it.

It is evident that instead of placing the memorandum-cards 13 behind the cards 10 they may be placed before, all the cards being arranged similarly.

In order to hold the cards 10 compactly, the slide 4 is moved forward in the drawer 1 until the cross-bar 9 comes in contact with the lower portion of the nearest card 10. The cards will then be held compactly together, as when the board 5 is in a vertical position it cannot be moved toward the rear of the drawer, owing to the presence of the pins 8.

When it is desired to insert other cards in the file or when for any reason it is desired to separate the cards 10, by turning the board 5 forward, as indicated by dotted lines in Fig. 1, the pins 8 will be withdrawn from the bottom of the drawer, thereby permitting the slide 4 to be moved toward the rear of the drawer.

By the use of the cross-bar 9 sufficient space is always provided between the board 5 and the adjacent card 10 to permit of the board being tilted forward, as shown.

By the use of my improved file whenever it is desired to change an address or to erase it all that is necessary is to remove it from the file and the inconvenience of erasing it is avoided.

I have shown the cards 10 as being at the front end of the drawer 1 and the board 5 as tilting toward the front of the drawer; but it is evident that the cards 10 may be placed at the rear end of the drawer, if desired, and with such construction the board 5 should tilt toward the rear end of the drawer.

Instead of making the cards 10, as shown, with metallic strips on their lower edges having projecting ends the cards may be formed of suitable material and be so cut as to have projecting ends on their lower edges, so that the use of separate strips may be dispensed

with, the ends of the card fitting into the grooves 2.

That which I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination, with a drawer having a groove in the bottom thereof, of a slide fitted into said groove, a board hinged upon said slide and adapted to be tilted toward the front of the drawer, cards fitted into said drawer between the board and the front of the drawer, said cards being adapted to be moved lengthwise of the drawer, and means for locking said board rigidly in fixed engagement with the drawer when such board stands perpendicular and releasing it from engagement with the drawer when the board is tilted forward, substantially as described.

2. The combination, with a drawer having a longitudinal groove in the bottom thereof, of a slide fitted into said groove, board 5, hinged upon said slide, a hinge 6 to permit of the tilting of said board, devices carried by said board adapted to engage the bottom of the drawer when the board is in a vertical position and to be thrown out of engagement with the bottom of the drawer when the board is tilted, and cards 10, movable lengthwise of said drawer, substantially as described.

3. The combination, with a drawer 1, having a groove 3, of a slide 4, fitted into said groove, board 5, mounted upon said slide 4, a hinge 6, secured to said board and to the slide in such manner as to permit of the tilting of said board, pins 8 in the bottom of said board, adapted to engage the bottom of the drawer when the board is in a vertical position and to be thrown out of engagement when the board is tilted, a spring 7, adapted to return the board to a vertical position, and cards 10, movable lengthwise of said frame, substantially as described.

4. The combination, with a frame 1, having grooves 2 along its lower edges and a groove 3 extending lengthwise thereof, of a slide 4, fitted in said groove 3, board 5, mounted upon said slide, a hinge 6, connected to said board and to the slide in such manner as to permit of the tilting of the board, a spring 7, adapted to return the board to a vertical position, pins 8 in the lower edge of said board, adapted to engage the bottom of the drawer when the board is in a vertical position and to be thrown out of engagement with the drawer when the board is tilted, cross-bar 9 upon said slide a short distance from the board 5, and cards 10, having strips 11, said strips having projecting ends 12, adapted to fit into the grooves 2, substantially as described.

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Witnesses:

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