Aug. 14, 1923.

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A. R. HAGER

DESK PAD FILE

Filed Oct. 16, 1922

Fig. 1.

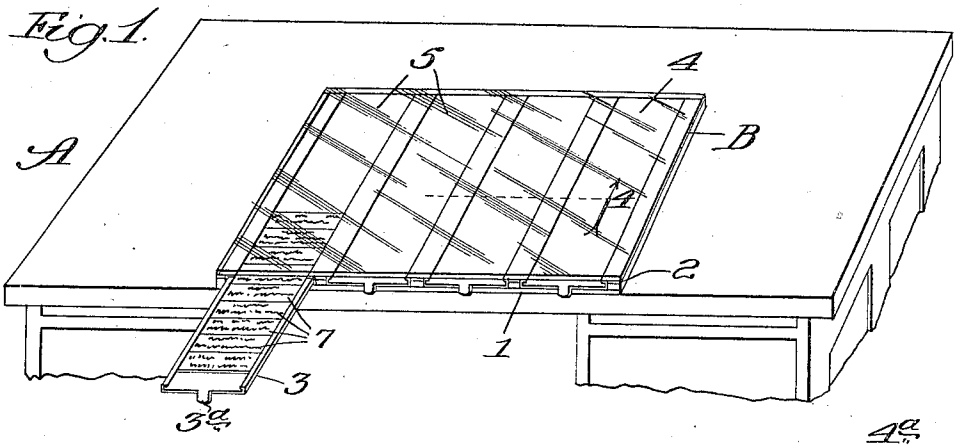


Fig. 4.

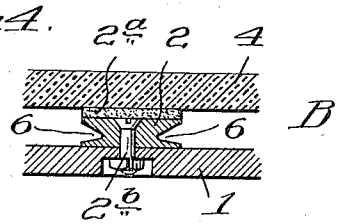


Fig. 5.

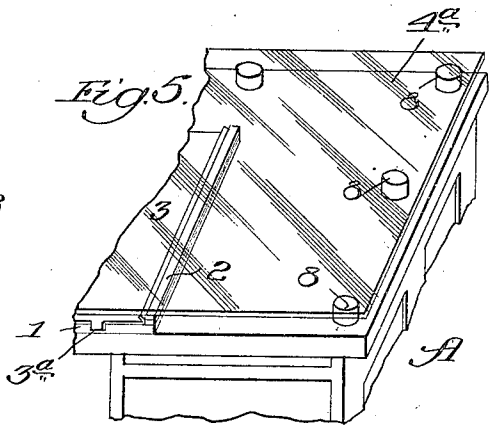


Fig. 3.

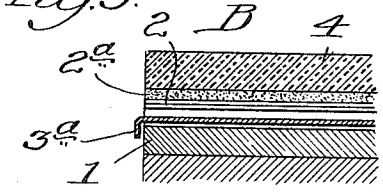
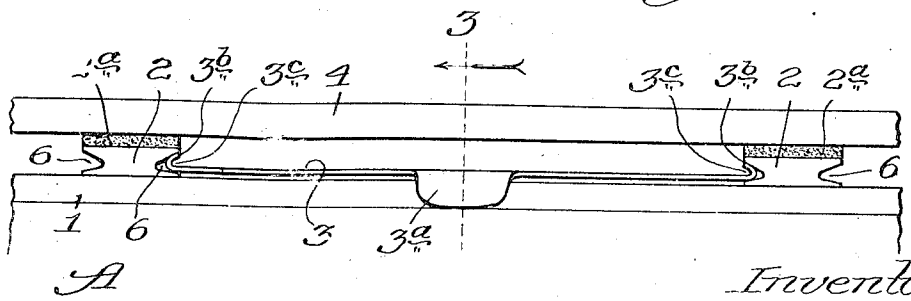


Fig. 2.



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UNITED STATES PATENT OFFICE.

ALBERT R. HAGER, OF SHANGHAI, CHINA.

DESK PAD FILE.

Application filed October 16, 1922. Serial No. 594,771.

To all whom it may concern:

Be it known that I, ALBERT R. HAGER, a citizen of the United States, residing at Shanghai, China, have invented a new and useful Improvement in Desk Pad Files, of which the following is a specification.

This invention is in the nature of a combination desk-pad-file. The primary object is to provide a simple device of this character which can be placed on the top of a desk or table and which will serve conveniently for filing cards and memoranda which it is desirable to have ready at hand.

The invention is illustrated in its preferred embodiment in the accompanying drawing in which:—

Figure 1 represents a broken perspective view of a desk equipped with the improved device; Fig. 2 a broken elevational view of the same, on an enlarged scale; Fig. 3, a broken sectional view taken as indicated at line 3 of Fig. 2; Fig. 4, a broken transverse section taken as indicated at line 4 of Fig. 1; and Fig. 5, a broken perspective view, showing a modification of the invention.

Referring to Figs. 1 to 4, inclusive, A represents a desk; and B a combination file and pad embodying the invention, said device being supported on the desk-top.

The device B preferably comprises a flat plate or base 1 which is equipped on its upper side with guides 2, which constitute also spacing strips; withdrawable, flat trays 3, mounted in the guides 2, said trays being equipped with finger piece 3^a; and a transparent cover plate 4, which is preferably composed of glass.

The base plate 1, may be of wood, fiber, heavy cardboard, or other suitable material.

The guide strips 2 are suitably spaced to provide a series of shallow chambers 5 which extend from front to rear. The strips 2 preferably are composed of metal and are covered by felt strips 2^a, which may be cemented to the upper surface of the strips 2. The strips 2 are secured to the base plate 1 in any suitable manner, as by means of stove bolts 2^b.

The guide strips 2 are provided with suitable guide grooves 6. These are preferably dovetail grooves.

Each tray 3 preferably comprises a thin sheet-metal plate having its lateral edges curved upwardly and inwardly to afford guide flanges 3^b. These flanges are inclined inwardly somewhat, so that the lateral edges of the trays serve as dovetail guides adapted to the dovetail grooves 6. The flanges 3^b afford at their inner sides small grooves, or dovetail guides, 3^c. These guides are adapted to receive suitable memoranda cards 7.

The bottom of the plate 1 may be of a character so that it will not mar the top surface of the desk; or, if desired, a suitable covering, or felt strips may be applied to the lower side of said plate 1. The glass cover plate 4 rests on the felt strips 2^a.

The chambers which receive the trays 3 may be very shallow. They may, for example, be from one-eighth of an inch to one-quarter of an inch in depth. The bottom plate 1 of the device need not exceed one-eighth of an inch in thickness, if suitable material be employed. The cover plate 4 may be of any desired thickness.

In the construction shown in Fig. 1, the edges of the cover plate 4 are flush with the edges of the base plate 1; and the outer spacing strips 2 are flush with the end edges of the plate 1. The marginal strips 2 are provided with grooves at their inner edge.

In the modification shown in Fig. 5, the construction is as already described, except that the cover plate, designated 4^a, is extended to cover the whole top of the desk; and that portion of the cover plate which projects beyond the area of the base plate 1 and its attendant parts, is supported by felt disks 8, whose upper surfaces are flush with the upper surfaces of the felt strips 2^a. Thus, the glass top is supported partly by the pad and partly by the disks 8.

By reference to Fig. 1, it will be understood that the trays may be readily removed, or withdrawn to give access to the memoranda cards.

The device described enables various memoranda to be conveniently filed on the top of a desk in the space ordinarily occupied by a desk-pad. These memoranda can be readily viewed through the glass top plate; and, as often as may be necessary, the card-trays may be withdrawn for the purpose either of discarding memoranda or introducing other memoranda cards.

The desk file described is simple, may be cheaply manufactured, and is well adapted to its purpose. Its flat shape and shallowness enables it to be readily substituted for an ordinary desk-pad, or to be employed in connection with the glass top of a desk, in which case the glass top of the desk takes

the place of the glass top 4 of the filing-pad. The glass top of the pad affords a flat top surface, serving as a writing surface, or a working surface, like the upper surface of an ordinary flat desk top.

The foregoing detailed description has been given for clearness of understanding only, and no unnecessary limitations should be understood therefrom, but the appended claims should be construed as broadly as permissible in view of the prior art.

What I regard as new, and desire to secure by Letters Patent, is:—

1. A desk-pad-file comprising a flat plate adapted to rest on the top of a desk, parallel guides on the upper side of said plate affording parallel chambers, and a plate surmounting said guides and affording a flat working surface at its upper side.

2. A desk-pad-file comprising a flat plate adapted to rest on the top of a desk, parallel guides on the upper side of said plate affording parallel chambers, file-trays mounted in said guides, and a plate surmounting said guides.

3. A desk-pad-file comprising a series of shallow chambers provided with guides, a series of shallow file-trays mounted in said guides, and a transparent plate covering said trays.

4. A desk-pad-file comprising a base plate equipped with a plurality of parallel guides, a plurality of shallow file-trays mounted in said guides and provided with lateral grooves, cards adapted to said grooves, and a glass cover plate supported on said guides.

5. A desk-pad-file comprising a base plate provided on its upper side with a series of parallel shallow chambers, a series of shallow trays withdrawably mounted within said chambers, and a transparent covering for said chambers.

ALBERT R. HAGER.