No. 838,962. PATENTED DEC. 18, 1906.

A. DIXON.

FILE CASE.

APPLICATION FILED APR. 24, 1906.

Fig. 1.

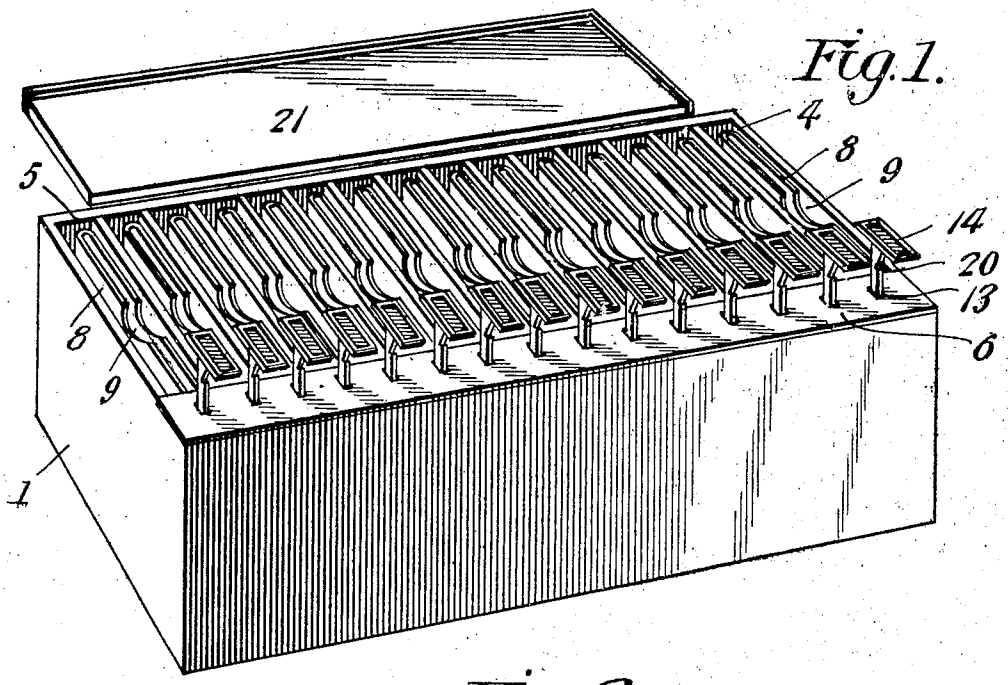
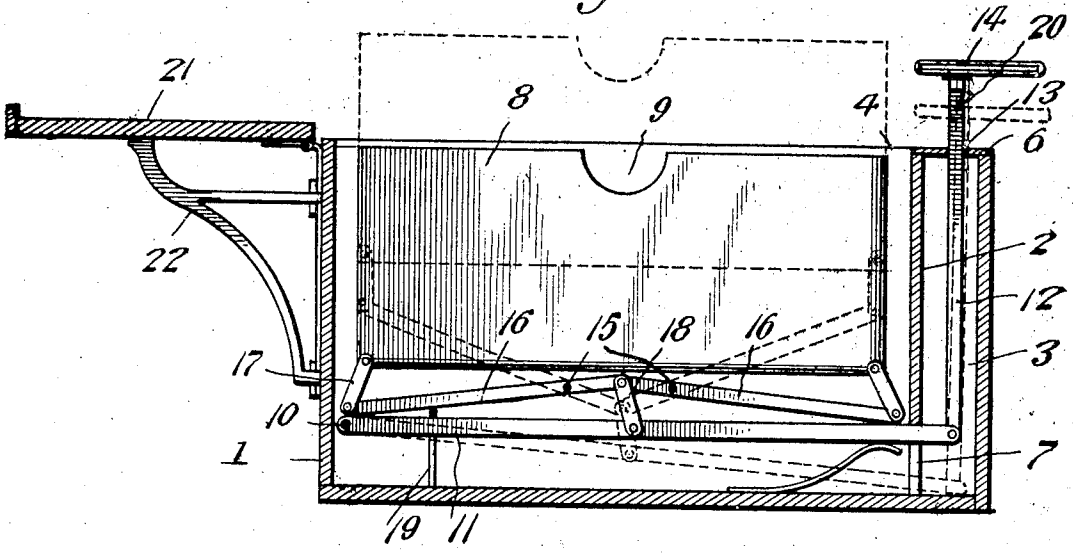


Fig. 2.



Witnesses

Geo. Ackman Jr.

John H. Byrne.

Inventor

Arnold Dixon,

By Victor J. Evans.

Attorney

UNITED STATES PATENT OFFICE.

ARNOLD DIXON, OF PROVO, UTAH.

FILE-CASE.

No. 838,962. Specification of Letters Patent. Patented Dec. 18, 1906.

Application filed April 24, 1906. Serial No. 313,466.

To all whom it may concern:

Be it known that I, ARNOLD DIXON, a citizen of the United States, residing at Provo, in the county of Utah and State of Utah, have invented new and useful Improvements in File-Cases, of which the following is a specification.

My invention relates to file-cases; and its primary object is to provide a novel and highly-useful device of this character by means of which checks, notes, letters, and the like may be filed for ready reference, one which by the depression of a key will project the check, note, letter, or the like into such position that the same may be readily removed from the case, one which is positive of operation, and one which may be manufactured and sold at a comparatively low cost.

With the above and other objects in view the invention consists in the construction, combination, and arrangement of parts hereinafter fully described, claimed, and illustrated in the accompanying drawings, wherein—

Figure 1 is a perspective view of a file constructed in accordance with my invention, and Fig. 2 is a central transverse section thereof.

Referring to the drawings by reference-numerals, 1 designates a case which is provided adjacent one side wall with a partition 2, said partition providing a compartment 3, which extends longitudinally of the case. Partitions 4 are secured to the partition 2 and the other side wall of the case 1 to provide a plurality of compartments 5, which extend transversely of the case.

The compartment 3 is closed by means of a plate 6, while the compartments 5 are fully open at their upper ends, said compartments 3 and 5 communicating with each other by means of slots or openings 7, located in the lower portion of the partition 2. A file 8 is mounted in each of the compartments 5 and is adapted to be supported therein to permit its upper end being projected out of the compartment, so as to permit checks, notes, letters, and the like being placed therein or removed therefrom.

The file 8 may be constructed of aluminium or some other light material suitable for the purpose and has its upper end fully open, the sides thereof being cut away, as at 9, to permit the checks, notes, or the like contained within the file to be grasped for removal. The file is of a length sufficient to permit it to receive a commercial paper or letter-sheet of the usual size. Extending longitudinally through at a point adjacent the bottom and the rear side wall of the case and supported by the partitions 4 is a pivot-post 10. A lever 11 is arranged within each of the compartments 5 and has one of its ends pivotally secured to the post 10, the other power end thereof projecting into the compartment 3 through the opening 7. A bar 12 is arranged within the compartment 3 and has one of its ends secured to the power end of the lever 11, while its other end projects up beyond the plate 6 through an opening 13 therein.

Secured to the upper end of the bar 12 is a key 14, which may be of any construction suitable for the purpose and which is preferably made hollow to receive an index-slip. A downward pressure upon the key 14 will cause the lever 11 to be swung downward, which downward movement owing to the connection of the file 8 with the lever projects the upper end of the file out of the compartment 5. Arranged upon each side of the longitudinal center of the case and passing longitudinally through and supported by the partition 4 is a pivot-post 15, said pivot-post being arranged above the lever 11. A pair of levers 16, arranged in the same plane, are located within each of the compartments 5 and pivotally mounted upon the posts 15 and each has its operating end connected to the file 8 by a link 17. The opposite or power ends of the levers 16 are connected together and to the lever 11 by a link 18. A downward movement of the lever 11 in virtue of the link connection between the same and the levers 16 and the arrangement of the posts 15 above the lever 11 will swing the operating ends of the levers 16 upward, thus moving the file 8 upward above and out of the compartment 5 sufficiently to permit the application or removal of papers into or from the file 8. When the pressure which moves the lever 11 downward is removed from the key 14, the weight of the file will carry the same downward and return the levers to their normal positions. To prevent the lever 11 from moving laterally upon the pivot-post, a member 19 is secured to the bottom of the case and straddles the lever. When it is desired to retain the file 8 projected, a shoulder 20, formed on the bar 12, is caused to engage the under surface of the plate 6. The shoulder may be brought into engagement with the under surface of the plate 6 by

moving the bar 12 to the right in Fig. 2. When it is desired to permit the file to resume its normal position within the compartment, the shoulder is moved from engagement with the plate 6 by a slight movement of lever 12 to the left in Fig. 2.

In practice each of the keys 14 is provided with a suitable index, and the file controlled by the depression of a particular key is adapted to contain paper which may be identified by the index carried by said key. When it is desired to either remove a paper from the file or to place one therein, downward pressure is exerted on the key 14, which will move the file upward into position to permit a paper to be removed therefrom or placed therein.

Should it be desirable, the keys 14 may be arranged in stepped relation, and to facilitate the handling of paper I hingedly secure to the rear side of the case 1 a shelf 21, which is adapted to be supported in operative position by means of a hingedly mounted bracket 22.

From the foregoing description, taken in connection with the accompanying drawings, the construction and mode of operation of the invention will be understood without a further extended description.

Changes in the form, proportions, and minor details of construction may be made within the scope of the invention without departing from the spirit or sacrificing any of the advantages thereof.

Having fully described and illustrated my invention, what I claim is—

1. A device of the character set forth comprising a case, a file, a pivotally-mounted lever, a pair of pivotally-mounted levers arranged in the same plane, links connecting the file to the operating ends of said pair of levers, and a link connecting the power ends of said pair of levers together and to said first-named lever.

2. A device of the character set forth comprising a case, a file, a pivotally-mounted lever, a pair of pivotally-mounted levers arranged in the same plane, links connecting the file to the operating ends of said pair of levers, and a bar connected to said first-named lever, said bar providing means by which said first-named lever may be moved to project the file upward out of the case.

3. A device of the character set forth comprising a case provided with a longitudinally-extending compartment and with transversely-extending compartments, said compartments communicating with each other, a file located within each of said transverse compartments, a pivot-post extending longitudinally through the case, levers pivotally mounted upon the pivot-post and having their power ends disposed in said longitudinally-extending compartment, bars secured to the power ends of said levers and projecting above the case, other pivot-posts extending longitudinally through the case and arranged on each side of the longitudinal center of the case and projecting above said levers, a pair of levers arranged in the same plane and located in each of said transverse compartments, links connecting the files to the operating ends of said pair of levers, and links connecting the power ends of said pair of levers together and to said first-named levers.

4. A device of the character set forth comprising a case, a file, a pivotally-mounted lever, an operating-bar connected to the power end of said lever, a pair of levers arranged in the same plane and pivotally mounted above said first-named lever, links connecting the file to the operating ends of said pair of levers, and a link connecting the power ends of said pair of levers together and to the said first-named lever.

In testimony whereof I affix my signature in presence of two witnesses.

ARNOLD DIXON.

Witnesses:
ERVIN D. JOHNSON,
CHARLES O. DIXON.