J. E. EBRENZ.

ADJUSTABLE COMPRESSOR FOR CARD INDEX DRAWERS.

APPLICATION FILED JUNE 28, 1919.

1,367,245. **Patented Feb. 1, 1921.**

Fig. 1.

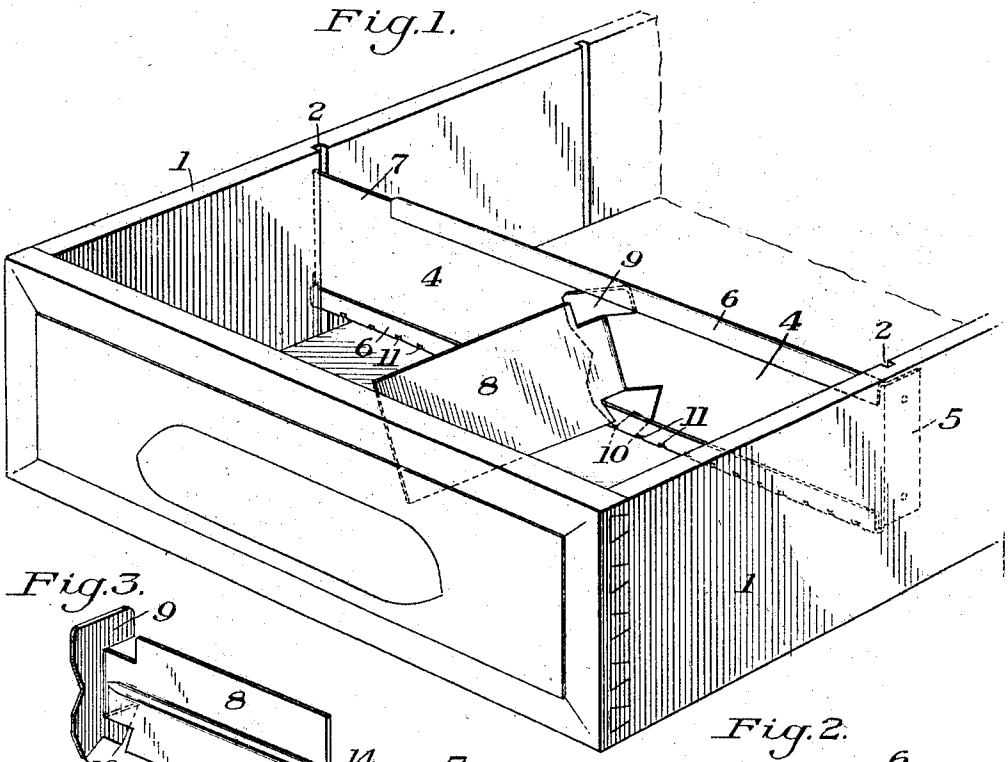


Fig. 3.

Fig. 2.

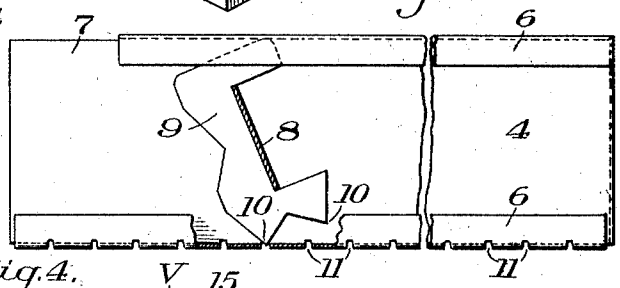


Fig. 5.

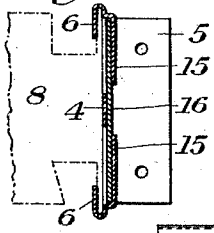
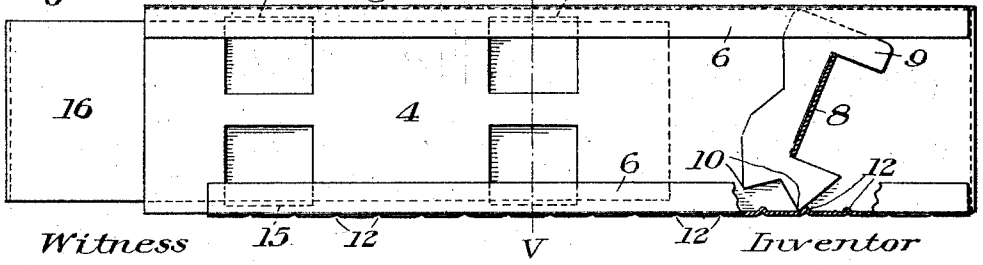


Fig. 4.



Witness

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UNITED STATES PATENT OFFICE.

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ADJUSTABLE COMPRESSOR FOR CARD-INDEX DRAWERS.

1,367,245. Specification of Letters Patent. Patented Feb. 1, 1921.

Application filed June 28, 1919. Serial No. 307,288.

To all whom it may concern:

Be it known that I, JOSEPH EDWARD EBRENZ, a citizen of the United States, residing at Pittsburgh, Allegheny county, Pennsylvania, have invented new and useful Improvements in Adjustable Compressors for Card-Index Drawers, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing, forming part of this specification.

This invention relates broadly to filing systems, and more particularly to an adjustable, compressing filing device for cards and the like.

The principal object of the present invention is to provide a filing device which may be readily inserted and secured in position in any standard drawer or container to convert the same into a filing drawer particularly adapted for cards, letters and other records or documents.

A further object of the invention is to so construct the filing device that it may be adjusted to fit any size drawer or container, and provided with a removable follower or compressor member which is readily movable to any desired position to vary the capacity of the filing space, and automatically lock in any position to which it is moved.

Still another object of the present invention is to provide an adjustable compressor for card index drawers having a rigid and compact construction.

The foregoing and other objects, together with their attendant advantages, will be apparent as the invention becomes better understood by reference to the accompanying specification and drawings forming a part thereof, it being premised, however, that changes may be made in the materials employed and details of construction within the scope of the appended claims without departing from the spirit of the invention.

Figure 1 is a perspective view showing one form of my invention in adjusted position within a drawer.

Fig. 2 is an enlarged detail view of a portion of the construction illustrated in Fig. 1.

Fig. 3 is a perspective view of a modified form of follower.

Fig. 4 is a detail view partly broken away illustrating a slightly modified form of my invention, and

Fig. 5 is a sectional view on the line V—V of Fig. 4.

Referring more particularly to the drawings, I have illustrated in Fig. 1 the application of my improved filing device to a drawer or container 1 which may or may not be provided on either or both sides thereof with one or more usual grooves 2. The improved filing device preferably comprises a main partition member 4 constructed of any suitable material and provided at either or both ends with suitable fastening flanges 5. It will be understood that where the device is intended for use in a drawer or container not provided with slots or grooves 2, the flanges 5 are necessarily provided, while if the device is to be used in a container having the usual slots 2, the ends may be left straight as illustrated in Fig. 1 to fit the said grooves.

The opposite edges 6 of the partition member are inturned to provide suitable guideways for a follower member hereinafter described. A portion of one of the edges 6 is preferably cut away to provide an opening or space 7 for the insertion of the follower 8. The follower, which may be also constructed of sheet metal or like material, preferably comprises a head portion 9 stamped from the main body thereof and bent to a position at substantially right angles to the body. In inserted position the head 9 slidably engages the guideways formed by the inturned edges 6 maintaining the follower in proper position. One portion of the head is illustrated as provided with a pair of locking teeth or projections 10 adapted to engage suitably spaced openings 11 formed in the base of one of the guideways. If desired, in place of the openings 11 I may employ corrugations or projections 12, as will be well understood. The height of the follower or compressor member 8 is preferably slightly less than the height of the partition 4 so that when the follower is in position in the guideways it may be rocked to assume an inclined position with relation to the container. It is held in such position by the engagement of one of the locking projections 10 with the depressions or openings 11, or corrugations

12, and the engagement of a portion of the head 9 with the other guideway. It will be apparent that the follower may be readily reversed to adapt the device for use in either a right or left hand drawer or position.

I may, if desired, form suitable reinforcing ribs or beads such as the one shown at 14, Fig. 3, in the follower member 8 to increase the rigidity thereof.

In order that the filing device may be used in drawers or containers of various sizes, it is desirable in some instances to form the partition member in separate pieces adapted to slide with relation to each other, as indicated in Figs. 4 and 5. When such a construction is employed, I preferably provide the body of the partition 4 with guide lugs 15 adapted to receive the supplemental portion or extension 16 of such width that it is readily slidable in the space formed by the guide lugs.

It will be apparent that in case it is desired to employ the device with comparatively large drawers or containers, that two or more main body members may be adjustably and coöperatively assembled in any telescopic or other suitable manner.

I claim:

1. A device of the character described, comprising a partition member, a guideway formed thereon, and an adjustable compressing follower slidable in said guideway, said follower having projections formed thereon and said guideway having an irregular surface for engagement with one or the other of said projections to hold the follower in inclined position, substantially as described.

2. A device of the character described, comprising a partition member, guideways formed thereon, and an adjustable compressing follower slidable in said guideways, one of said guideways being provided with locking means for holding the follower in adjusted position, substantially as described.

3. A device of the character described, comprising a metallic partition member having its opposite edges inturned to form opposed guideways, means for securing said member in operative position within a container, and an adjustable follower slidable in said guideways, substantially as described.

4. A device of the character described, comprising a metallic partition member having its opposite edges inturned to form opposed guideways, means for securing said member in operative position within a container, and an adjustable follower slidable in said guideways, one of said guideways being provided with locking means for holding the follower in adjusted position, substantially as described.

5. A reversible follower for card index drawers adapted to occupy different inclined positions, comprising a main body member, a head extending at substantially right angles thereto, and a pair of locking projections formed on said head, one of said projections being effective for holding the follower in each inclined position, substantially as described.

6. A device of the character described, comprising a partition member having guideways formed thereon, an adjustable compressing follower having a head of less height than said partition member slidable in said guideways, and locking projections on said head for maintaining the follower in adjusted position, substantially as described.

7. A reversible follower for card indexes adjustable to different inclined positions comprising a main body member, a head extending at substantially right angles thereto and projecting from opposite sides of the body member, and a pair of locking projections formed on said head, one of said projections being effective for holding the follower in each inclined position, substantially as described.

8. A device of the character described, comprising a partition member, guideways formed thereon, and an adjustable compressing follower slidable in said guideways, said member being provided with locking means for holding the follower in adjusted position, substantially as described.

9. A device of the character described, comprising a partition member, guideways formed thereon and an adjustable follower slidable in said guideways, said member being provided with locking means for holding the follower in inclined position at various points, substantially as described.

10. A device of the character described, comprising a sectional partition member, guideways formed thereon, and an adjustable follower slidable in said guideways, said member being provided with locking means for holding the follower in adjusted position, substantially as described.

11. A device of the character described, comprising a telescopic partition member, guideways formed thereon and an adjustable compressing follower slidable in said guideways, one of said guideways being provided with locking means for holding the follower in adjusted position, substantially as described.

12. A device of the character described, comprising an extensible partition member having its opposite edges inturned to form opposed guideways, means for securing said member in operative position within a container, and an adjustable follower slidable in said guideways, substantially as described.

In testimony whereof, I have hereunto set my hand.

JOSEPH EDWARD EBRENZ.