E. PEARL.

FILE RACK.

APPLICATION FILED MAR. 14, 1921.

1,415,110. Patented May 9, 1922.

Fig. 1.

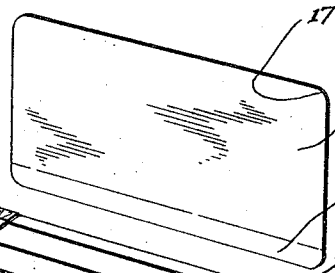


Fig. 2.

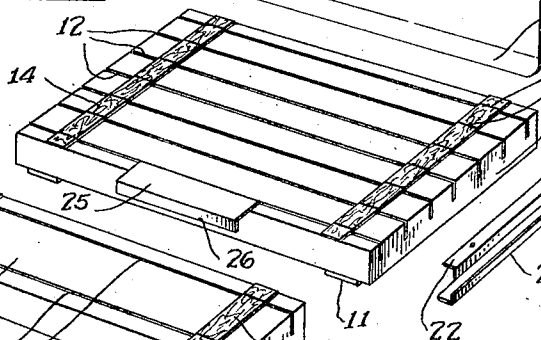


Fig. 4.

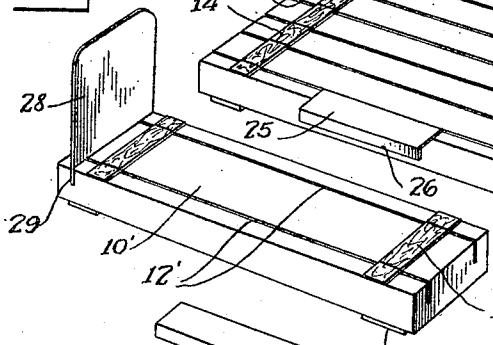


Fig. 3.

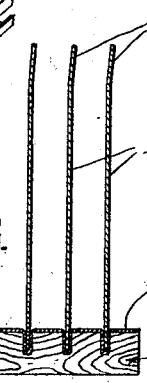


Fig. 6.

Fig. 5.

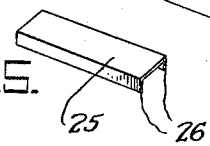
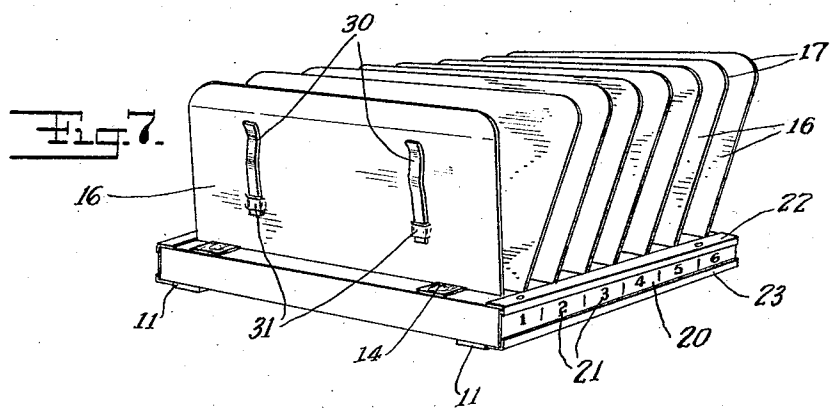


Fig. 7.



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FILE RACK.

1,415,110. Specification of Letters Patent. Patented May 9, 1922.

Application filed March 14, 1921. Serial No. 452,192.

To all whom it may concern:

Be it known that I, EUGENE PEARL, a citizen of the United States, and a resident of New York city, in the county of New York and State of New York, have invented certain new and useful Improvements in File Racks, of which the following is a specification.

The principal purpose of this invention is to produce a file for miscellaneous papers, holding the same in a readily accessible, substantially vertical position and in such group relation as may be preferred.

A further object is to provide a compartment file having adjustable means for expansion in accordance with the bulk of papers to be disposed therein, the compartment walls being either vertical or inclined to the front or rear as desired, changes and adjustments being instantly made without disturbing the remaining partitions or spacing members and with the fingers only.

These and other objects, such as simplicity and cheapness of construction, durability and convenience in use, and economy in space required, are attained by the novel construction and combination of parts hereinafter described and shown in the accompanying drawing, forming a material part of this disclosure, and in which;—

Figure 1 is a perspective view of one of the partitions used in connection with the file.

Figure 2 is a similar perspective view of the base element thereof.

Figure 3 is a like view showing the base side guard angles.

Figure 4 is a perspective view of an auxiliary element engageable with the main base, and side plate.

Figure 5 is a similar view showing the base connecting device.

Figure 6 is a fragmentary transverse sectional view taken through the base and partitions.

Figure 7 is a perspective view showing the complete assemblage of the file.

Stated in general terms the apparatus consists of a plurality of grooved base plates having means in the grooves for adjustably receiving and frictionally confining metal partition plates, the latter being bent along one longitudinal edge so that they will stand inclined, either to the front or rear, according to the manner in which the bent edge is disposed, or vertically, if the straight edge be inserted.

Guide tabs, either single or in strips, bearing designating characters, are removably engaged at the side edge to identify the material filed between the partitions and the structure is capable of being expanded as indicated.

The small space required, its portability and convenience in assorting, classifying and containing documents and articles of like nature, and efficiency for practical purposes will become evident as the description proceeds.

Referring now to the drawings in detail, the numeral 10 designates an essentially rectangular base block of approved thickness, the same being preferably made of wood, polished or enamelled to suit the taste and provided on its under side with strips or pads of felt 11 acting as cushions to prevent abrasion of the surface upon which the file may rest.

The upper surface of the base contains a series of transverse, parallel slots or channels 12 extending approximately to half its thickness from side to side and uniformly spaced apart.

Strips of felt 14 are secured by cement or other suitable adhesive over the face of the base, the same extending longitudinally from end to end adjacent the sides, these strips being depressed to form linings 15 for the channels 12 and are caused to adhere tightly to their side and bottom walls.

A plurality of stiff but relatively thin metallic plates 16 having a rectangular outline with rounded corners 17 form the partition walls, these plates being slightly bent adjacent one of their longitudinal edges forming angle elements 18 adapted to maintain the partition at a slight angle relative to the base, their inclination depending on which side of the plate is to the front, while if the straight edge of the plate be entered in the channels, obviously the plate is held erect as indicated in Fig. 6, and it is to be understood that whichever edge of the plates are entered, they are frictionally held by contact with the linings 15 disposed in the grooves, although easily adjustable or removable therefrom at will.

A strip 20, bearing numerals or other distinguishing characters 21 is attached to one of the side edges of the base 10, by angular

clips 22 and 23 secured respectively over the upper and lower longitudinal corners of the plate by tacks or like fastening devices, the arrangement being such that the index strip may be entered from the end and adjusted as desired, see Fig. 7.

If it be needed to increase the scope and capacity of the file, sectional bases 10′ may be connected to the front or rear edge of the main base, each section being made in a similar manner with cushion pads 11′, grooves 12′ and felt strips 14′, the sections being engaged together or to the main base by channel shaped clips 25 their side members 26 neatly fitting the slots 12 and 12′, one of these connections being used midway between the felt strips as shown.

It will be apparent that the angle clips 22 and 23 may also be extended across the ends of the supplementary elements if desired.

In addition to the partition plates 16, end plates 28 may be used, the same entering grooves 29, as shown in Fig. 4, transversely of the auxiliary bases, or longitudinally of the main bases, whereby papers are prevented from lateral displacement.

In order to make the file more fully complete, certain of the partition plates 16, as used on the ends, may be provided with spring clips 30, the same being merely strips of resilient metal, bent in the manner shown, the lower straight portions being engaged in loops 31 formed by shearing the plates 16 and pressing outward.

This feature enables small articles, as cards, envelopes, etc., to be conspicuously held in a convenient manner where they are readily observable.

The operation of the file is manifest from the foregoing description, being clearly apparent to persons having to do with like structure.

The disclosure is to be regarded as descriptive only and not as restrictive or limitative of the invention, of which obviously an embodiment may be constructed including many minor modifications without departing from the general scope herein indicated and hereafter claimed.

Having thus described my invention what I claim as new and desire to secure by Letters Patent is:—

1. A file comprising a base block having cushion pads on its lower surface and containing a plurality of spaced transverse grooves extending entirely across its level upper surface, and partition plates bent at an angle uniformly along one of their longer edges, their straight or bent edges being suited to enter the mentioned grooves.

2. A file comprising a level rectangular wooden base block provided with a series of vertical grooves extending across its upper face, reversible partition plates engageable in the grooves, and means formed with said plates whereby they may be held rigidly erect or inclined in either direction depending upon their position.

3. A file comprising a flat base having a plurality of parallel spaced grooves, fabric strips dispersed over said base forming a lining for the grooves, partition plates frictionally held by said lining in the grooves, and means formed with said plates whereby they may be held erect or inclined.

4. A file comprising a flat base block having a plurality of parallel spaced grooves, extending from one side to the other, felt linings disposed at intervals in the grooves, partition plates fitting said linings along their entered edges, and means formed with said plates permitting them to be held in an inclined position.

5. A file comprising a flat base having a plurality of parallel spaced grooves, plates suited to the grooves, friction elements intervening said plates and grooves, and means permitting said plates to stand erect or at an inclination forward or rearward.

6. A file comprising a flat sectional base having grooves, a plurality of reversible partition plates suited to the grooves, means in the grooves adapted to frictionally retain said plates said means extending over the base, other plates disposed at a right angle to the first named plates, and means for connecting the sections of said base.

7. A file comprising a main base having a plurality of transverse grooves extending across its upper surface, partition plates freely engageable in the grooves said plates each having an angular edge, an auxiliary base also grooved for the reception of like partition plates, and a channel shaped connecting element engageable in the outer grooves of both bases whereby they are held as a unit and re-enforcing elements at the ends of said bases.

In testimony whereof I have signed my name to this specification.

EUGENE PEARL.