Feb. 23 , 1926. 1,573,996

G. H. PREDDEY

ROTARY FILING DEVICE

Filed June 23, 1922 2 Sheets-Sheet 1

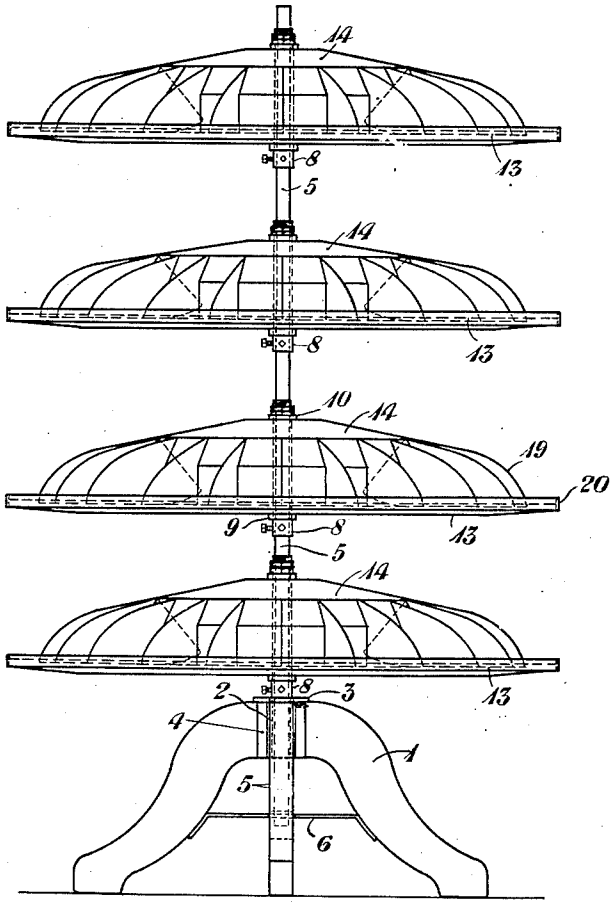


Fig-1

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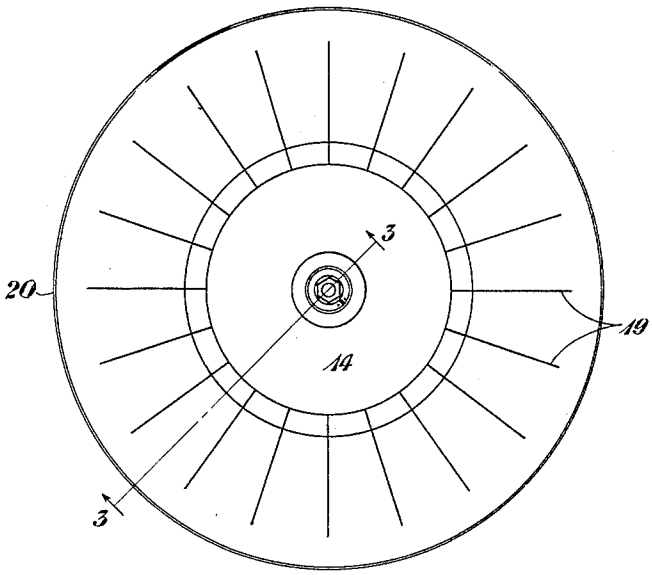


Fig-2-

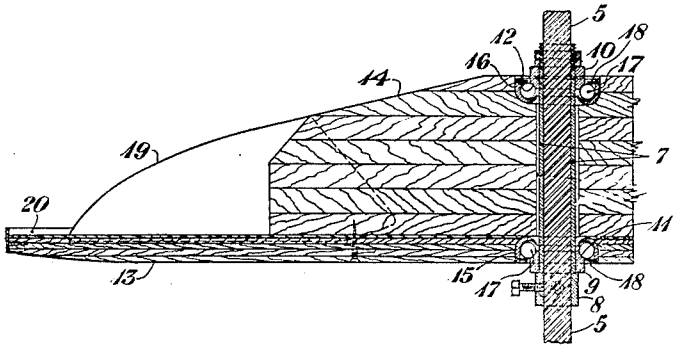


Fig-3-

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Patented Feb. 23, 1926. 1,573,996

UNITED STATES PATENT OFFICE.

GEORGE H. PREDDEY, OF SAN FRANCISCO, CALIFORNIA.

ROTARY FILING DEVICE.

Application filed June 23, 1922. Serial No. 570,452.

To all whom it may concern:

Be it known that I, GEORGE H. PREDDEY, a citizen of the United States, residing at San Francisco, in the county of San Francisco and State of California, have invented certain Improvements in Rotary Filing Devices, of which the following is a specification.

This invention relates to filing devices, and more particularly to filing devices of the revolving type.

In filing arrangements where cards or like matter are filed in drawers, boxes or similar receptacles, it has been found difficult and time-consuming to locate such filed matter. It will be obvious that when the contents of files of this character are frequently referred to, and by several persons at a time, serious inconvenience is experienced by all parties concerned. This is especially true when the information desired is to be used in connection with telephone service, or the like, where it is essential in order to avoid a drag in the service, with resulting losses in time and money, that such information be obtained expeditiously. Accordingly, it is an object of this invention to provide a filing device in which the contained matter is readily accessible and visible to one or more persons at a time. Another object of the invention is to provide a portable and comparatively inexpensive structure for such device. These objects, as well as other objects of the invention, will be apparent when considered in connection with the appended drawings, in which one embodiment thereof is illustrated.

In the drawings, in which like characters of reference designate like parts throughout, Figure 1 is an elevation of the improved device; Fig. 2 is a top plan view thereof, and Fig. 3 is a sectional view of one of the discs taken on the line 3—3 of Fig. 2, looking in the direction of the arrows.

Referring to the drawings, 1 represents a support comprising, in the present instance, a suitable number of legs arranged at right angles to each other. A socket 2 is centrally positioned with respect to said legs, and the top of the socket is provided with a circular flange 3, which rests on the upper surface of the legs. Angle irons 4 may be positioned in the ordinary manner between the upper position of the legs to afford support therefor. A vertical shaft 5 extends through the core of the socket 2 and may be held fast thereto by means of set screws. The shaft is supported by a cross-brace 6, which is secured in any desired manner to the legs of the support 1. The cross-brace 6 also serves to add strength and rigidity to the support.

A series of lengths of pipe 7 are placed over the top of the shaft 5 and each length is positioned at suitable intervals from each other and affixed to said shaft by set screws, or the like. The lower portion of each of the pipe members 7 is provided with a shoulder portion 8 on which may be seated a stationary cone 9. The cones may be also affixed to the pipe in any suitable manner. The upper portions of the pipes are threaded and have affixed thereto cones 10, while nuts may be also threaded on said pipes for the purpose of retaining the cones 10 in place. The cones 9 and 10 are provided with grooves 11 and 12, respectively.

A disc 13 is associated with each of the pipe members 7 and is preferably composed of a plurality of layers of material such as wood for the purpose of preventing warping of said discs. Each disc is provided with a vertical central portion 14 which may be made of a plurality of layers of wood, and attached to the disc by means of screws or the like. The disc 13 and vertical central portion 14 have steel grooves 15 and 16, respectively, affixed thereto in any well-known manner, and these grooves cooperate with the grooves 11 and 12 formed, respectively, on the cones 9 and 10 to provide races for the ball-bearings 17. The bearings may be kept in position by means of ball retainers 18. This arrangement permits the discs 13, with their associated vertical portions 14, to be journaled on the central shaft 5 so that they may be rotated. A series of partitions 19 are attached to the discs 13 in vertical position and extend radially from points near the circumference of the discs into slots provided in the vertical portion 14, to which they may be secured in any desired manner. These partitions may be composed of thin galvanized iron and the top outer portion may be rounded and tapered. The arrangement of these partitions is such as to provide compartments in which cards or other matter may be filed. A flange 20 may be attached to the periphery of each disc, and may extend upwardly therefrom a suitable distance to prevent the displacement of the cards or other filed mat-

ter from within the compartments when the disc is rotated.

It will be obvious that by means of this arrangement cards or other matter may be filed in the various compartments in such manner that a large number of index or designation strips are visible, and that the provision of a plurality of discs permits the use of the file by one or more persons at a time.

While there is shown and described herein one preferred form of the invention by way of illustration, it will be understood that it is not limited or confined to the precise details of construction herein described and delineated, as modification and variation may be made within the scope of the claims without departing from the spirit of the invention.

What is claimed is:

1. A device for filing cards comprising a supporting shaft, a series of substantially circular shelves mounted thereon in vertical spaced relation, means whereby said shelves may be rotated on said shaft independently of each other, an outer flange on each shelf for retaining filing cards, an inner circular wall on each shelf against which the edges of the card may abut, said wall having a diameter approximately half that of the shelf, and a series of partitions of approximately uniform thickness extending radially between said inner wall and outer flange, said partitions being spaced at their inner ends a substantial distance apart and being spaced farther apart at their outer ends to form compartments in which groups of cards may be filed in a vertical position radially of said shelf.

2. A device for filing cards comprising a supporting shaft, a series of substantially circular shelves mounted thereon in vertical spaced relation, means whereby said shelves may be rotated on said shaft independently of each other, an outer flange on each shelf for retaining filing cards, an inner circular wall on each shelf against which the edges of the cards may abut, said inner wall being of substantial diameter as compared with the diameter of the shelf and a series of partitions of approximately uniform thickness extending radially between said inner wall and outer flange, said partitions being spaced at their inner ends a substantial distance apart and being spaced farther apart at their outer ends to form compartments in which groups of cards may be filed in a vertical position radially of said shelf.

In testimony whereof, I have signed my name to this specification this 25th day of May 1922.

GEORGE H. PREDDEY.