W. F. HEFFNER.

FILING CABINET.

APPLICATION FILED MAY 29, 1913.

1,079,173.

Patented Nov. 18, 1913.

2 SHEETS—SHEET 1.

Fig. 1.

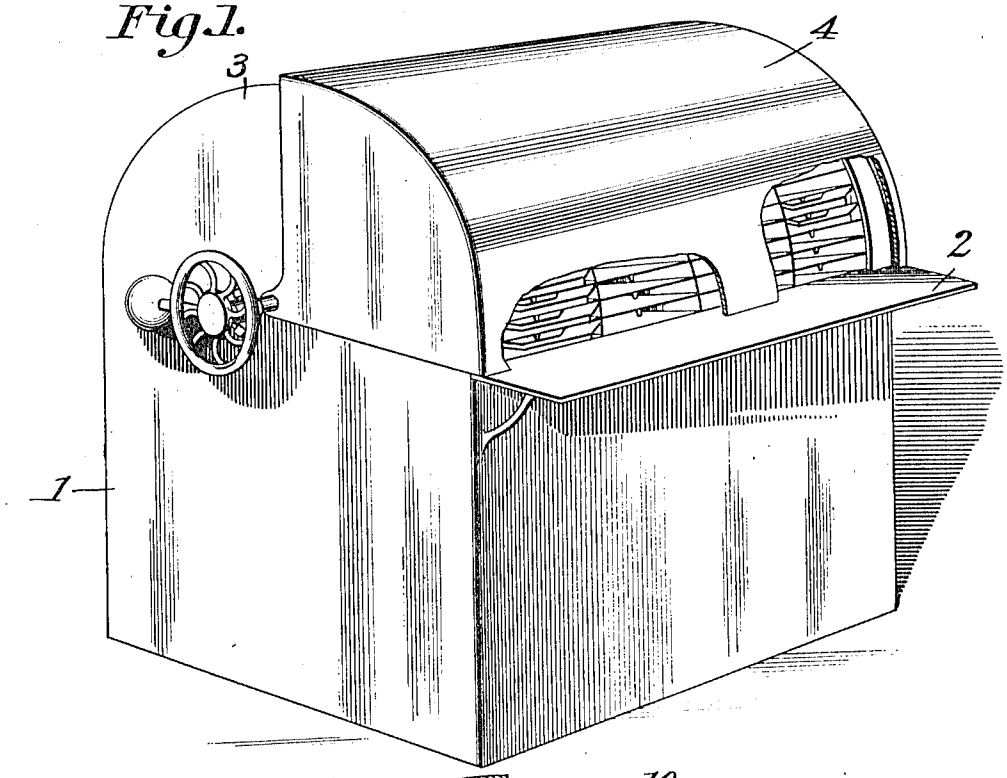
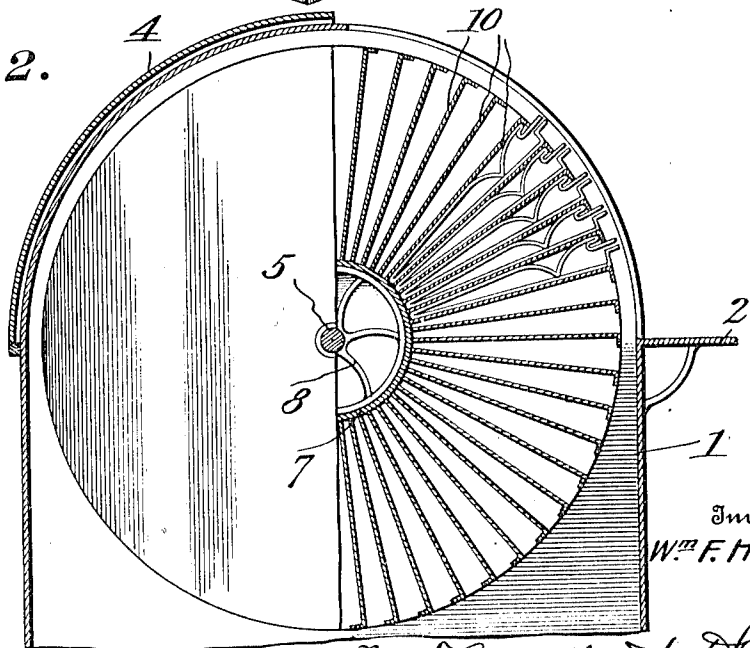


Fig. 2.



Witnesses

Philip E. Barnes

J. T. Sherwood

Inventor

Wm. F. Heffner

By Francis D. Hough

Attorney

W. F. HEFFNER.

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2 SHEETS—SHEET 2.

Fig. 3.

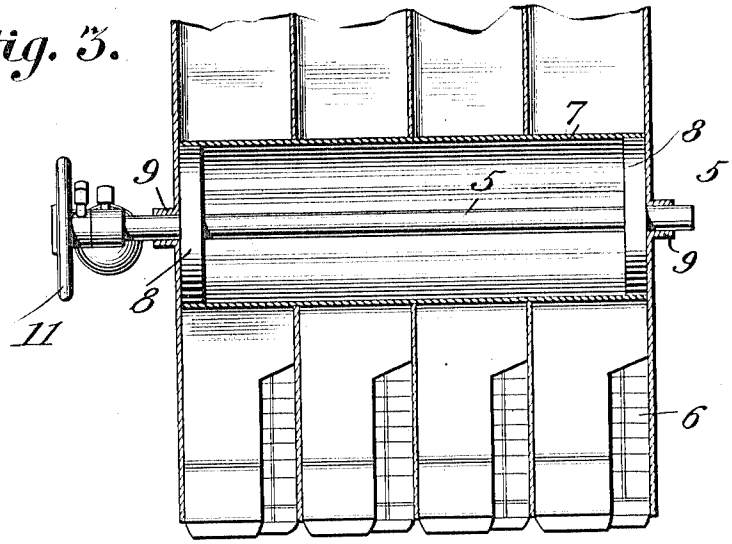


Fig. 4

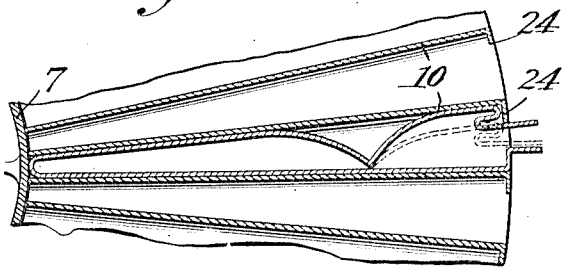
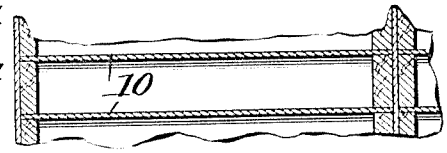


Fig. 6.



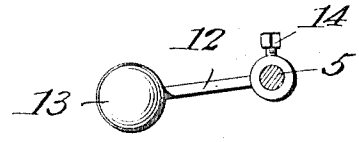
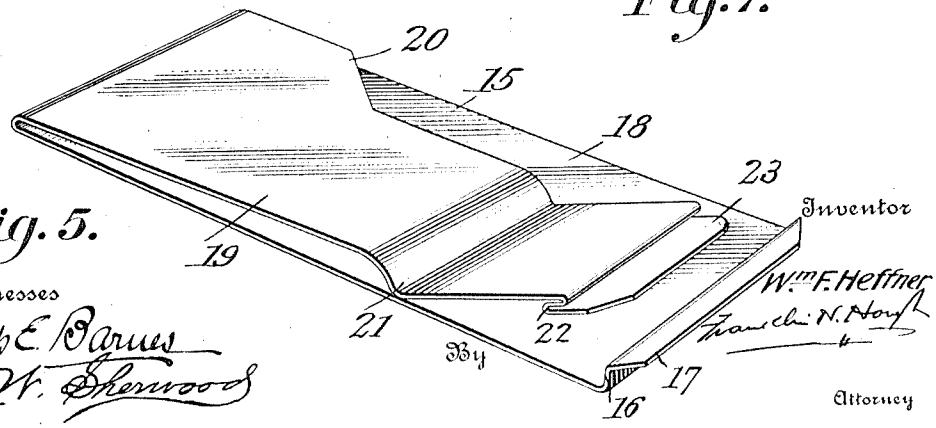


Fig. 7.

Fig. 5.



Witnesses

Philip E. Barnes

J. W. Sherwood

Inventor

Wm. F. Heffner

By Francis N. Hoyt

Attorney

UNITED STATES PATENT OFFICE.

WILLIAM F. HEFFNER, OF BENTON HARBOR, MICHIGAN.

FILING-CABINET.

1,079,173. Specification of Letters Patent. Patented Nov. 18, 1913.

Application filed May 29, 1913. Serial No. 770,785.

To all whom it may concern:

Be it known that I, WILLIAM F. HEFFNER, a citizen of the United States, residing at Benton Harbor, in the county of Berrien and State of Michigan, have invented certain new and useful Improvements in Filing-Cabinets; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to certain new and useful improvements in rotary filing cases designed especially for use in filing grocer bills, receipts, etc.

The invention has for its special object the provision of a rotary filing cabinet so arranged as to permit the filing of bills or other documents in such manner as to permit of their being readily accessible at all times.

The device is simple and inexpensive in construction and permits the filing of a great number of bills within a small compass.

To these ends and to such others as the invention may pertain, the same consists in the novel construction and peculiar arrangement, combination and adaptation of parts, all as will be more fully hereinafter described, shown in the accompanying drawings and then specifically defined in the appended claims.

The invention is clearly illustrated in the accompanying drawings which, with the numerals of reference marked thereon, form a part of this specification and in which:—

Figure 1 is a perspective view of a filing cabinet constructed in accordance with my invention, parts of the cover being broken away. Fig. 2 is a central vertical section of the same with the cover shown as open. Fig. 3 is a vertical section through a portion of the rotary case or cylinder with parts broken away. Fig. 4 is an enlarged sectional detail showing a series of radial compartments with one of the bill holders held in place in one of the compartments. Fig. 5 is an enlarged detail in perspective of one of the bill holding clamps. Fig. 6 is an enlarged sectional detail in perspective of a slight modification, and Fig. 7 is a perspective view of a counterweight.

Reference now being had to the details of the drawings by numeral, 1 represents the outer casing or housing, rectangular in outline and of a size adapted to conform to the size of the cabinet cylinder journaled therein.

2 is a shelf provided at one side of the cabinet.

The upper portion 3 of the casing 1 is semi-circular to conform to the curvature of the inclosed cylinder and is provided with a rotary top section 4 and is adapted to be turned back to expose the cabinet inclosed within the casing, the said section 4 being pivoted at its lower rear end upon a shaft 5 which extends longitudinally through the casing and upon this shaft 5 is journaled the rotary cabinet 6 which consists of a central tube 7 provided at its outer ends with supporting spiders 8, through central openings in which spiders is passed the shaft 5, the ends of the shaft being provided with suitable bearings 9, 9 in the section 4.

To the periphery of the tube 7 and spaced apart a distance conforming to the width of the rotary bill holding sections, designed to be used in the cabinet, are the lower ends of the partitions 10, 10, which partitions are preferably made of sheet metal and extend from the central tube 7 to the periphery of the cabinet, the same being held in their relative positions by soldering or otherwise secured to the end walls of the cabinet, which walls are preferably also constructed of sheet metal.

In Fig. 6 of the drawings, I have shown a modification in which the end walls are shown as constructed of wood and in which the partitions are seated at their ends within grooves formed in the walls for their reception.

One end of the shaft 5 is provided with a suitable operating hand wheel 11 and adjacent to this wheel is sleeved one end of a lever 12, said lever carrying at its free end a weight 13. A set screw 14, the lower end of which has a bearing upon the said shaft 5, serves as a means for locking the lever so as to maintain the weight at any desired angle with reference to the shaft.

15 is a bill holder bent transversely at substantially its longitudinal center to form a

receptacle within which is placed the bills or other documents designed to be placed within the cabinet. The side 18 of the folded metallic plate is bent at right angles as shown at 16 and the upper edge of which portion 16 is flared slightly outward to form a flange 17. The opposite portion 19 of the holder has one of its edges cut away as indicated at 20 to form a space along one side of the holder within which space may be displayed index or other characters upon the bill or card contained therein to indicate the contents of the holder. The portion 19 of the holder is bent to form a transverse projection 21 and at a point in close proximity to its outer end is bent transversely to form a transverse rib 22, the free end of said section 19 being inclined outwardly to form the member 23 which serves as a handle, the depression of which will serve to release the transverse rib 22 from its engagement with a keeper 24 provided at the outer entrance of the chamber within which the holder is placed, the engagement of the said rib with the keeper serving to normally retain the holder in position within the cabinet.

From the foregoing description, the operation of the invention will be readily understood.

The bills or other papers which it is designed to file within the cabinet are placed within the several removable holders 15, being so placed therein that the numerals or other characters designed to designate the contents of the holder may be displayed along the edge provided by the cut away portion 20. The said holders are placed within the several peripheral chambers or pockets formed by the radial shells or partitions 11 and are held therein by the spring action of the said section 19, which serves to hold the transverse rib 21 in locking engagement with the compress disposed at the entrance to the pockets. In order to compensate for the extra weight that might be imposed upon one side of the cabinet in case a portion only of the bill holding sections are filled, the weight 13 may be readily adjusted to such an angle as will counterbalance the cabinet and serve to hold the same against rotation beyond the point at which access to the bill holders may be had, so that, when it may be at any time desired to remove any particular bill holder and its contents, the cabinet may be rotated by the hand wheel 11 to a point at which the compartment containing the holder to be removed is brought to the level of the shelf 2 and the weight will serve to prevent the further rotation of the cabinet during the time that the contents of the compartment is removed. It will be seen that, as weight may be added at any time to either side of the cabinet, a balance will be readily maintained by a simple adjustment of the counterbalancing weight.

When it is desired to secure access to the interior of the cabinet, it is simply necessary to throw back the pivoted cover which will expose one-fourth of the periphery of the compartments. The shelf 2 will serve as a convenient table or support for bills or papers removed from the bill holders for the purpose of examination.

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

A filing cabinet comprising a casing having a series of radial partitions, the outer end of each of which is bent at right angles, a bill holder formed of a sheet of resilient material which is bent upon itself substantially at its longitudinal center with its bent portion conforming to and frictionally engaging the contracted end of the compartment in which it is positioned, one side of said holder bearing flat against the face of a partition its entire length and having an angled end projecting beyond the outer marginal end of the partition, the opposite side bearing against the inner face of the adjacent partition a portion of its length and bent to form a rib which engages the opposite side of the holder, the portion of the side intermediate said rib and its end being resilient and bent upon itself and adapted to engage with the angled end of a partition with a part projecting outside the casing to form a handle, as set forth.

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

WILLIAM F. HEFFNER.

Witnesses:
CHAS. H. BELLINGER,
MAY B. LAWRENCE.