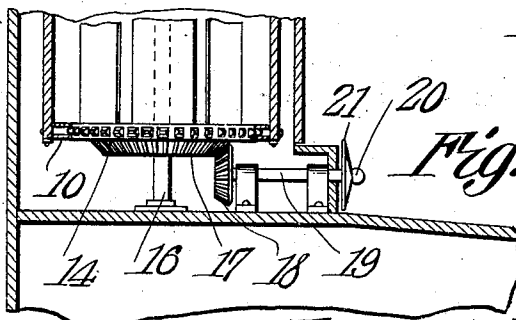
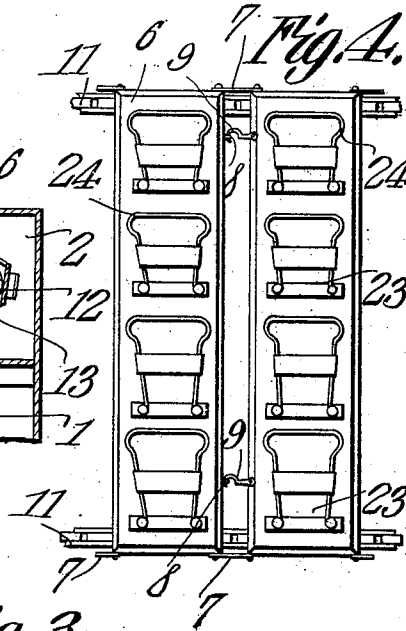
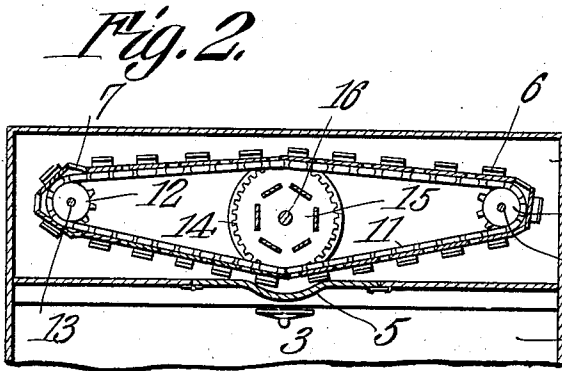
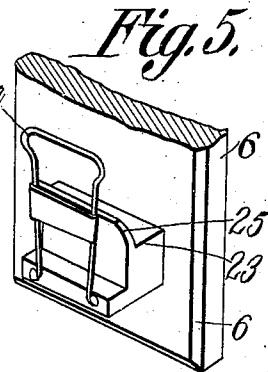
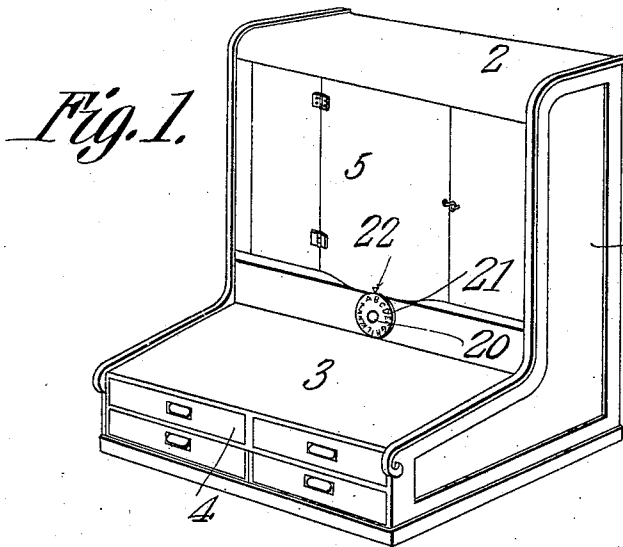


F. G. KOLLENBERG.  
FILE CABINET.  
APPLICATION FILED JUNE 2, 1909.

977,636.

Patented Dec. 6, 1910.



Witnesses

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# UNITED STATES PATENT OFFICE.

FREDERICK G. KOLLENBERG, OF OWENSBORO, KENTUCKY.

FILE-CABINET.

977,636.

Specification of Letters Patent.

Patented Dec. 6, 1910.

Application filed June 2, 1909. Serial No. 499,647.

*To all whom it may concern:*

Be it known that I, FREDERICK G. KOLLENBERG, a citizen of the United States, residing at Owensboro, in the county of Daviess and State of Kentucky, have invented a new and useful File-Cabinet, of which the following is a specification.

This invention relates to that class of devices which are employed by retail grocers and other tradesmen who carry weekly or monthly credit accounts and has for its object certain improvements in the construction and operation of the several parts, whereby the finding of any desired account will be facilitated and the safe keeping of the several accounts over night may be accomplished without causing any separation of the papers or disarrangement of the same. These objects and such other objects as will incidentally hereinafter appear are obtained by the use of the mechanism illustrated in the accompanying drawings and the invention consists in certain novel features of the same which will be hereinafter fully set forth and specifically pointed out.

In the drawings annexed hereto,—Figure 1 is a perspective view of a cabinet embodying my invention, showing the same closed. Fig. 2 is a longitudinal horizontal section through the upper portion of the cabinet showing the means for carrying the several accounts. Fig. 3 is a detail vertical section showing the operating mechanism. Fig. 4 is a detail front elevation of two of the panels, on which the several accounts are mounted. Fig. 5 is a detail perspective view of one of the supports and retaining devices for holding the accounts.

The cabinet 1 may be of any suitable material but will preferably be constructed of either wood or metal, and is so shaped as to present an upper account inclosing portion 2, and a desk 3 with drawers 4 below the desk. In the central front portion of the account-inclosing portion 2, I provide a door 5 behind which a series of panels 6 are disposed, and upon these panels the tickets upon which the accounts are entered are carried. These panels 6 are connected by pivoted links or hinges 7 so as to form a flexible apron, and the end panels are provided with eyes 8 and hooks 9, respectively, which are adapted to be brought into engagement when the panels are in the working position so that the panels will then form an endless apron. At their upper and lower ends on their inner

faces, the several panels are provided with pins or projections 10 which are caused to engage the links of endless chains 11, whereby the panels will be supported in a vertical position and may be readily arranged within the inclosing portion 2 of the cabinet, as shown in Fig. 2. The chains 11 are passed around sprocket pinions 12 arranged near the ends of the casing or cabinet, and are mounted on vertical shafts 13 journaled in the casing, as will be readily understood. Disposed at the center of the casing is a master sprocket wheel 14 which engages the chain 11 and is carried by the end of a cylinder 15 which is secured to a shaft 16 disposed vertically within the casing and upon the said shaft is a beveled gear wheel 17 meshing with a beveled pinion 18 on the inner end of an operating shaft 19 which projects forward through the casing and is provided on its front end with an operating knob or handle 20, and a dial 21. It will be readily seen that by turning the shaft 19 rotary motion will be imparted to the gearing 17 and 18 which motion will be transmitted directly to the sprocket wheels 14 and by the same imparted to the chains or conveyers 11 and the panels 6 will be thereby caused to travel past the door 5 so that any desired panel may be brought to position behind the said door. Upon opening the door, of course, the desired account will be visible and may be readily examined. In order to bring the desired panel into position behind the door without exposing other panels to the gaze of the customer, the dial 21 is provided with a series of letters arranged around its edge and, upon any convenient point of the cabinet, an index 22 is provided so as to point to the said letters, whereby when any particular letter is brought to the index, accounts of customers whose name begins with that letter will be behind the door 5. Each panel 6 carries a plurality of shelves 23, and these shelves are each of a double or stepped formation, as shown most clearly in Fig. 5, whereby two accounts may be carried by each shelf. On the front side of each shelf, below the lower shoulder of the same, I secure a spring clip or retaining arm 24, which projects upward so as to press backward against the papers disposed on the said shoulder and thereby hold the same against the panel, as will be readily understood. At the forward edge of the upper shoulder of each shelf is a ledge or lip 25 which serves to separate the

tickets or papers of the two accounts carried by the shelf.

As is now well known small current credit accounts are kept on small sheets or tickets which are stored in cabinets or drawers, the tickets belonging to one account being placed together and the tickets of the several accounts being arranged alphabetically. In keeping such accounts by the use of my apparatus, the tickets are placed on the shelves 23 in an upright position and will be maintained in that position by the spring arms or clips 24, as will be readily understood, and when any desired account is to be examined or settled, the shaft 19 is rotated so as to bring the desired account into position for withdrawal through the opening which is normally closed by the door 5. Of course, additional tickets or accounts are placed in position on the panels in a similar manner, the desired panel being brought into proper position and the tickets then inserted on the shelf 23 as will be readily understood. At night, when the store is closed, the hooks and eyes 8 and 9 are disengaged and one of the end panels is then drawn through the opening in the front of the casing after which the entire apron of panels is drawn through the opening by rotating the operating shaft 19, and thereby moving the endless chains or conveyers 11, and when the entire apron or panels has been removed the panels are folded and placed in a suitable receptacle. When business is resumed the next day the apron of panels is quickly and easily returned to its position in engagement with the chains or conveyers and the end panels fastened together by engaging the hooks and eyes 8 and 9. The device then will be ready for use.

A cabinet constructed in accordance with my invention presents a compact arrange-

ment of parts and holds the papers or tickets under several accounts in such a manner that they may be readily examined as desired and at the same time protects them against tampering or loss and keeps them free from dust.

Having thus described the invention what is claimed is:—

1. In an apparatus for the purpose set forth, the combination of a casing, endless conveyers within said casing, a series of vertically disposed panels carried by said conveyers, means for supporting tickets on the said panels, means for operating the said conveyers comprising an operating shaft projecting forward through the casing, a dial on said shaft, and an index on the casing coöperating with the said dial.

2. In an apparatus for the purpose set forth, the combination of a series of vertically disposed panels, flexible connections between said panels, means for moving the said panels past an opening in the casing, ticket supporting shelves on the panels, and retaining arms on the front sides of the shelves.

3. The combination with a casing, of a series of vertically disposed panels arranged within the casing, means for moving the said panels horizontally within the casing, flexible connections between the adjacent panels, the connection between two of the panels being detachable, and means for holding tickets on the panels.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

FREDERICK G. KOLLENBERG.

Witnesses:

DANIEL C. PORTER,  
H. A. BIRKHEAD.