Feb. 4, 1936. H. W. CLARK 2,029,754

RECEIPT CONTROL FILE

Filed Feb. 13, 1935

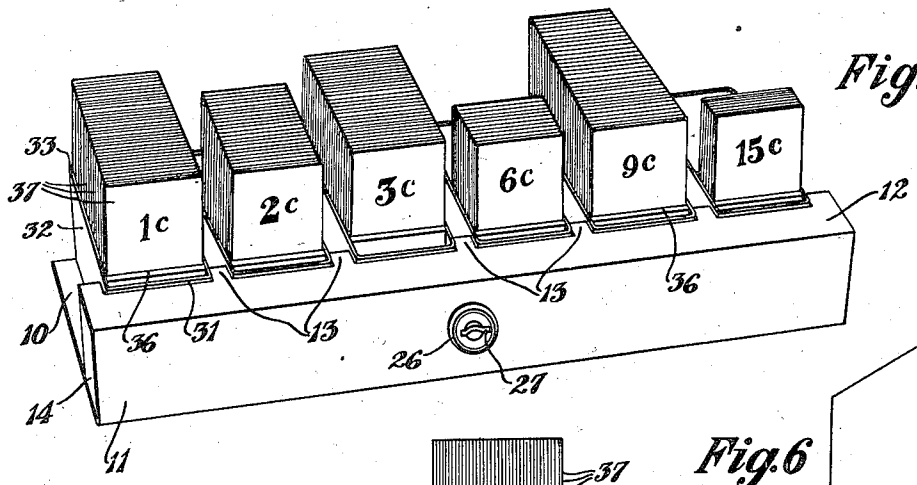


Fig. 1

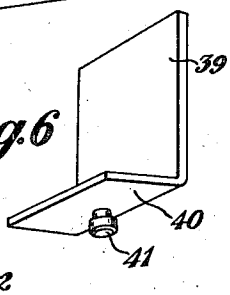


Fig. 6

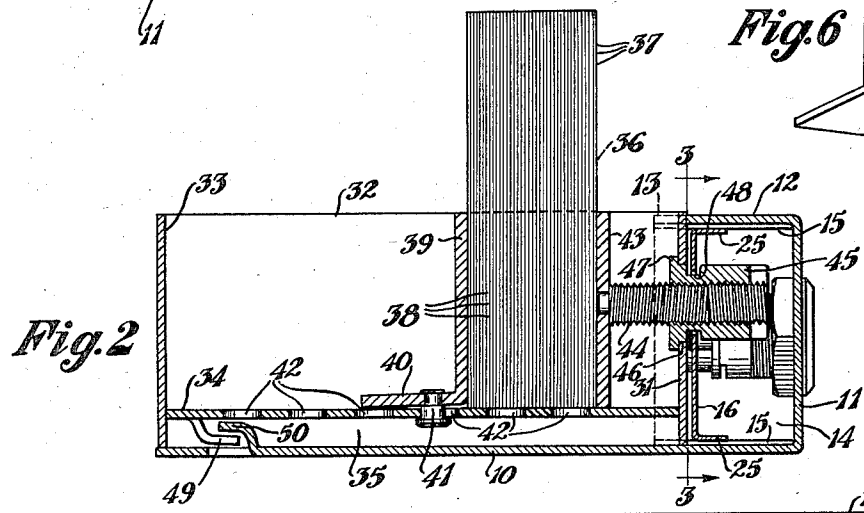


Fig. 2

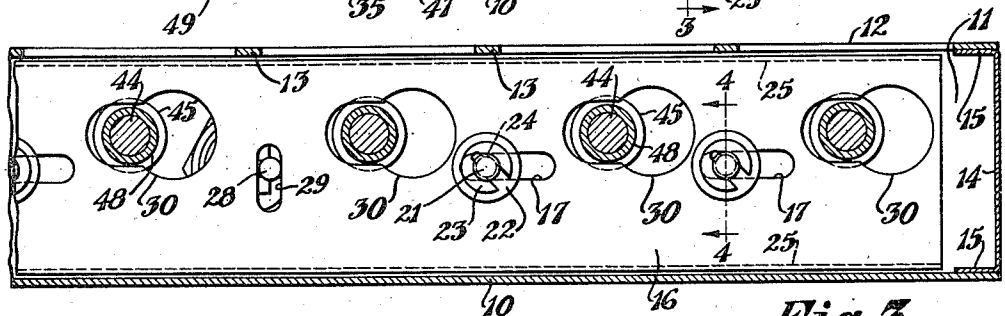


Fig. 3

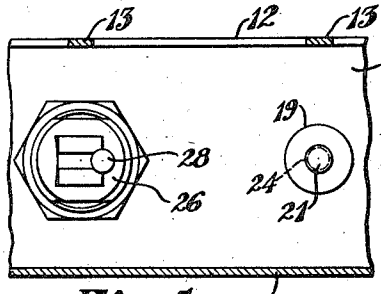


Fig. 5

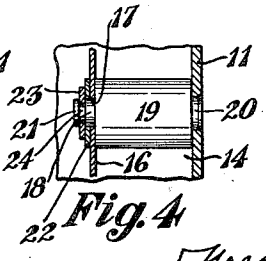


Fig. 4

Inventor

H. W. Clark

By Frear and Bishop

Attorneys

Patented Feb. 4, 1936 2,029,754

UNITED STATES PATENT OFFICE

2,029,754

RECEIPT CONTROL FILE

Harold W. Clark, Alliance, Ohio, assignor to The McCaskey Register Company, Alliance, Ohio, a corporation of Ohio

Application February 13, 1935, Serial No. 6,344

7 Claims. (Cl. 211—51)

The invention relates to control files for receipts of various kinds and more particularly to a file having a plurality of trays for holding receipts and so arranged that trays may all be simultaneously locked against removal from the file, the receipts in each tray being at the same time locked against withdrawal from the tray.

The object of the improvement is to provide a control file for holding receipts having perforated or weakened lines whereby one portion may be detached from the other, such for instance as the sales tax receipts used in the State of Ohio and other States where a sales tax is in force. Such sales tax receipts are formed of paper or the like having a perforated or weakened line through an intermediate portion dividing the same into a vendor's receipt and a consumer's receipt. When a sale is made, the consumer's receipt is detached from a stamp or slip of the proper denomination and given to the purchaser, the vendor's receipt being retained by the merchant.

The present invention contemplates the provision of a file including a base and a plurality of trays carried thereon, for holding receipts of various denominations, each tray being so constructed that the slips or stamps may be clamped therein in such manner that only the consumers' receipts are exposed, whereby when a sale is made, the consumer's receipt may be detached and given to the consumer, leaving the vendor's receipt clamped within the tray.

The invention further contemplates means for simultaneously locking all of the trays to the base of the file in such manner that no tray may be removed or the vendor's receipts may not be removed from any of the trays while in locked condition.

The above objects, together with others which will be apparent from the drawing and following description or which may be later pointed out, may be attained by constructing the improved control file in the manner illustrated in the accompanying drawing, in which

Figure 1 is a perspective view of a control file constructed in accordance with the invention, showing tax stamps or receipts of different denominations carried in the trays;

Fig. 2 an enlarged transverse sectional view through the improved control file, one tray being shown in longitudinal section therein with the receipts locked in the tray and the tray locked in the base of the file;

Fig. 3 a fragmentary longitudinal section taken as on the line 3—3, Fig. 2;

Fig. 4 a fragmentary section showing one of the guide posts for the sliding locking plate, taken as on the line 4—4, Fig. 3;

Fig. 5 a fragmentary sectional elevation of a portion of the base of the file, showing the lock operated eccentric for sliding the locking plate; and

Fig. 6 a detached perspective view of one of the follow blocks detached from a tray.

Similar numerals refer to similar parts throughout the drawing.

The file may be formed of any suitable material and in the accompanying drawing it is shown as formed of sheet metal, the base portion thereof being formed of a sheet of metal of suitable gauge shaped to form the bottom wall 10, front wall 11 and comparatively short top wall 12 which may be provided at spaced intervals with the rearwardly disposed lugs 13 for spacing the trays, as will be later described. A relatively narrow end wall 14 may be connected to each end of the top and bottom walls as by the angular flanges 15 which may be spot welded or otherwise connected to the top and bottom walls of the file.

A vertically disposed sliding locking plate 16 is mounted beneath the top wall 12 of the base of the file and provided with horizontal slots 17, by means of which the plate is slidably mounted upon the reduced inner ends 18 of the studs 19 fixed at their outer ends to the front wall 11 in any suitable and well known manner, such as by riveting the reduced outer ends 20 of the studs, as shown in Fig. 4.

The reduced inner end 18 of each stud may have a head 21 formed thereon and the sliding locking plate 16 may be retained in position thereon as by the washer 22 held in place by the slotted washer 23 received upon the further reduced portion 24, as best shown in Fig. 4. For the purpose of strengthening the locking plate 16, the upper and lower edge portions thereof may have the outturned angular flanges 25 formed thereon.

The base portion of the file may be provided with a lock, preferably of the cylinder type, as indicated at 26, which may be located through the front wall 11, preferably centrally positioned thereon as shown in Fig. 1. This lock may be operated by a suitable key arranged to be inserted into the keyhole 27 of the same for rotating the cylinder one-half of a revolution to lock or unlock the same. An eccentric stud 28 is formed upon the inner end of the lock cylinder 26 and is located through a vertical slot 29 in the sliding locking plate 16 so that as the lock

cylinder is rotating a half turn, the locking plate is slidably moved longitudinally, being supported and guided upon the reduced inner ends of the studs 19. A plurality of horizontally disposed keyhole slots 30 corresponding in number and location to the trays to be mounted on the base, are formed in the sliding locking plate 16 for a purpose to be hereinafter set forth.

The file may be constructed to hold any desired number of trays, a six tray file being illustrated in the accompanying drawing. These trays may be made of sheet metal, each tray comprising a front wall 31, side walls 32 and back wall 33 which may be formed of a single sheet of metal, and a bottom wall 34 which is positioned above the lower edges of the front, side and back walls and may be provided at its side edges with downturned flanges 35 which may be spot welded or otherwise attached to the side walls 32.

The slips or the like to be held in the tray may be formed of paper, and are preferably of oblong shape, each slip being divided intermediate its upper and lower ends as at 36 by a perforated or weakened line dividing the same into a consumer's receipt 37 and vendor's receipt 38. The tray is so constructed that when the slips are placed therein in vertical position as shown in the drawing, the vendor's receipt portions of the same are clamped in the tray, leaving only the consumer's receipt portions exposed.

A follow block is provided for each tray adapted to engage the rear side of the slips or receipts located therein, this follow block being preferably of the form shown in the drawing, being formed of a plate or heavy sheet of metal comprising the vertical portion 39 and the horizontally disposed flange 40 formed at the lower end thereof adapted to rest upon the bottom wall 34 of the tray and having a depending headed stud 41 arranged to be received through any one of the apertures 42 located in spaced alinement through the longitudinal central portion of the bottom wall 34 of the tray.

A clamping plate 43 is located in each tray adapted to be clamped against the front side of the slips as best shown in Fig. 2, this clamping plate having a screw 44 fixed thereto and provided with a thumb nut 45 located through an aperture 46 in the front wall of the tray, a peripheral flange 47 upon said nut bearing against the inner side of said front wall.

The thumb nut 45 is adapted to be received through the large portion of the corresponding keyhole slot 30 in the locking plate and is provided with a peripherally grooved portion 48 adapted to be received in the reduced portion of the keyhole slot when the lock is operated to slide the locking plate 16 to locked position as best shown in Fig. 3 of the drawing. In this position it will be seen that the tray cannot be removed. For the purpose of holding the rear end of the tray locked to the base, depending forwardly extending angular lugs 49 may be formed upon the bottom wall 34 of each tray, adapted to be received beneath the rearwardly disposed flange 50 on the bottom wall 10 of the base.

In operating the improved file, the slips are placed with the vendor's receipt down into the front part of the tray, the follow block being placed behind the slips with the headed stud 41 located through the nearest aperture 42. The follow block is then held down against the bottom of the tray and the thumb nut 45 turned upon the screw 44 to tighten the clamping plate 43 against the slips, forcing the same backward against the follow block 39, the headed stud 41 being forced backward in the aperture 42 as shown in Fig. 2. The slips are thus clamped tightly in the tray, the vendor's receipts being clamped between the follow block and clamping plate while the consumers' receipts are exposed above the tray so that each may be severed at the weakened line 36. The tray is then placed upon the base, the lugs 49 thereof being slid under the tongue 50 in the base and the thumb nut inserted through the large portion of the corresponding keyhole slot 30 in the sliding locking plate.

The slips are placed in the several trays according to denominations, each packet of slips being clamped in the tray as above described and all of the trays placed in the base in the manner described. The lock 26 is then given a one-half rotation, turning the same to locked position, by means of the proper key inserted in the keyhole 27 and as the cylinder of the lock is thus rotated one-half a revolution, the sliding locking plate is moved to the position shown in Fig. 3, the reduced groove portions 48 of the thumb nuts being received in the reduced portions of the keyhole slots 30.

The trays are thus all simultaneously locked in the base and the slips are held in locked position in the trays and cannot be removed from the trays while in this position as the thumb nuts 45 are located within a closed housing formed by the bottom, front and top walls 10, 11 and 12 respectively of the base and the sliding locking plate 16. As each sale is made, a consumer's receipt of proper denomination is severed at the weakened line 36 and given to the purchaser, the vendor's receipts remaining locked in the file.

Although the improved receipt control file is described and illustrated more specifically for use in connection with sales tax receipts, it should be understood that the particular use to which the receipts are put is immaterial as the file is adapted for containing any type of divided form where one part of the form is to be retained and the other given to a purchaser, consumer or other party. For instance, the file may be used in restaurants where food is checked out from the kitchen to the waiters, one portion of a receipt provided for that purpose being retained in the file and the other portion torn off and given to the waiter or other party.

I claim:

1. A control file including a base, a tray supported upon said base, means for clamping receipts and the like in said tray, and a locking plate upon the base cooperating with the clamping means for locking the tray against removal from the base and at the same time preventing operation of the clamping means.

2. A control file including a base, a tray supported upon said base, a clamping plate for clamping receipts and the like in said tray, clamping means for operating the clamping plate and a locking plate upon the base cooperating with the clamping means for locking the tray against removal from the base and at the same time preventing operation of the clamping plate.

3. A control file including a base, a sliding locking plate upon said base having a keyhole slot therein, a tray supported upon said base, means for clamping receipts and the like in said tray, screw means for operating said clamping means and adapted to be received in said keyhole slot,

said screw means having a reduced portion adapted to be received in the reduced portion of the keyhole slot when the locking plate is moved to locked position.

4. A control file including a base, a sliding locking plate upon the base having a plurality of keyhole slots therein, a plurality of trays supported upon the base, means for clamping receipts and the like in each tray, screw means for operating each clamping means and adapted to be received in said keyhole slots and means for moving said locking plate to locked position.

5. A control file including a base, a sliding locking plate upon the base having a plurality of keyhole slots therein, a plurality of trays supported upon the base, means for clamping receipts and the like in each tray, screw means for operating each clamping means and adapted to be received in said keyhole slots and a lock in said base for moving said locking plate to locked position.

6. A control file including a base, a sliding locking plate upon said base having a keyhole slot therein, a tray supported upon said base, means for clamping receipts and the like in said tray, screw means for operating said clamping means and adapted to be received in said keyhole slot, said screw means having a reduced portion adapted to be received in the reduced portion of the keyhole slot when the locking plate is moved to locked position, a rearwardly disposed flange on the base spaced from the locking plate and forwardly disposed lugs on the under side of the tray for engagement with said flange.

7. A control file including a base having a bottom wall, a front wall, a top wall relatively narrow as compared with the bottom wall, end walls of substantially the width of the top wall and a sliding locking plate forming with said walls a closed housing at the front of said base, a lock in the front wall operatively connected to the locking plate for sliding the same, there being keyhole slots in said locking plate, trays supported upon said bottom wall in rear of the locking plate, means in each tray for clamping receipts and the like therein and screw means for operating each clamping means and adapted to be located through said keyhole slots and into said housing.

HAROLD W. CLARK.