

F. M. MONTGOMERY.  
 MERCHANDISE CABINET.  
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994,947.

Patented June 13, 1911.

Fig. 1.

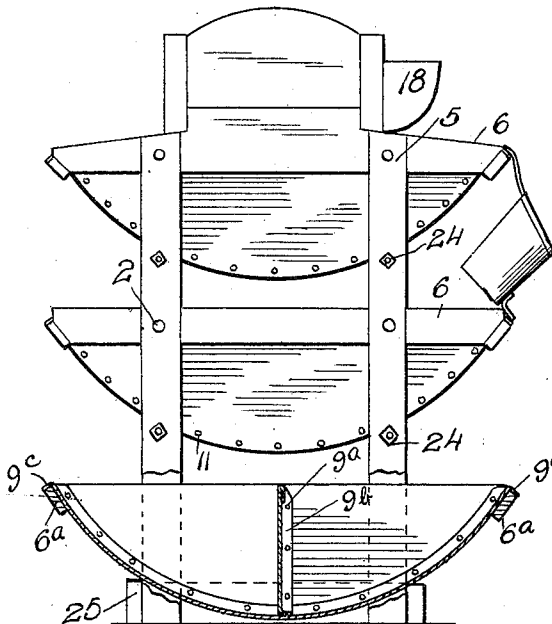


Fig. 2.

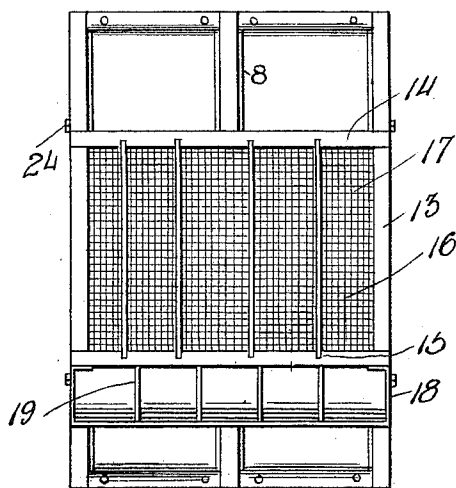
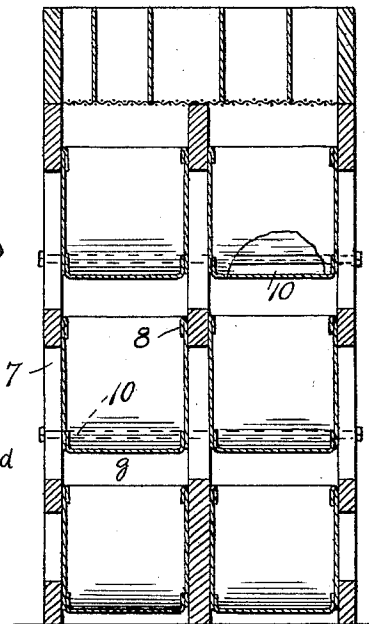


Fig. 3.

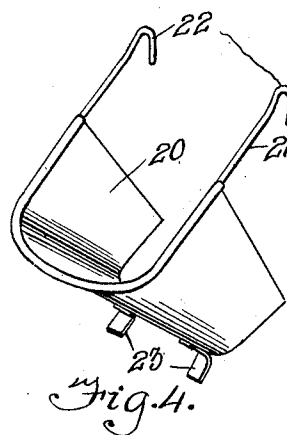


Fig. 4.

WITNESSES

G. M. Sprung.  
 L. C. Barkley

INVENTOR

Franklin M. Montgomery  
 by Frank A. Anderson  
 ATTORNEY

# UNITED STATES PATENT OFFICE.

FRANKLIN M. MONTGOMERY, OF SHAMROCK, TEXAS.

MERCHANDISE-CABINET.

994,947.

Specification of Letters Patent. Patented June 13, 1911.

Application filed June 29, 1910. Serial No. 569,575.

*To all whom it may concern:*

Be it known that I, FRANKLIN M. MONTGOMERY, a citizen of the United States of America, and resident of Shamrock, in the county of Wheeler and State of Texas, have invented certain new and useful Improvements in Merchandise-Cabinets, of which the following is a specification.

This invention relates to store furniture and particularly to display cabinets and bins.

An object of this invention is to produce a merchandise bin designed preferably for use as a nail bin, the same being of the sectional type in order that the number of bins may be increased or diminished according to the particular requirements.

A further object of this invention is to provide a nail bin and merchandise stand in which the bins are in position to permit the ready application of nails thereto, the bottoms of said bins being concaved or curved so that the nails will gravitate to the deepest part thereof which is at the back of each bin section.

A further object of this invention is to provide in connection with the series of bins a removably attached chute for delivering nails to the several sections or bins through the application of kegs to the mouth of said chute, the said chute being provided with novel means for retaining it in operative relation to the bins whereby it will withstand the weight of the nail receptacles and kegs which are applied thereto.

With the foregoing and other objects in view, the invention consists in the details of construction and in the arrangement and combination of parts to be hereinafter more fully set forth and claimed.

In describing the invention in detail, reference will be had to the accompanying drawings forming part of this specification wherein like characters denote corresponding parts in the several views, in which—

Figure 1 illustrates a view showing an end elevation of the nail cabinet embodying the invention, the same being partly in section; Fig. 2 illustrates a longitudinal sectional view with the central partition of each bin omitted; Fig. 3 illustrates a top plan view of the bin with the chute omitted; and Fig. 4 illustrates a perspective view of the chute.

In these drawings 5 denotes the uprights of the frame of which there are in the drawing three sets, that is to say there are two

end sets and an intermediate set which are designed to support the horizontally disposed sills 6, there being corresponding sills on each pair of uprights or posts which sills support the sides 7 of the bins. The bins are preferably of metal and have their upper edges parallel with the sills 6, being attached to the said sills in any appropriate manner as by the fastenings 8 here shown as screws applied to but one of the said bins. For the purpose of illustration, it is sufficient, it is believed, to show how the one bin is attached to the sills and it will be understood that the remainder of the bins are likewise attached to the respective sills. The bottoms 9 of the bins are of curved formation, the upper surfaces of the bottoms being concaved and the edges 10 of said bottoms being flanged to fit against the sides 7 and to which the said flanges are secured by rivets 11 or by other appropriate fastenings. Each bin is pivoted to a transversely disposed partition 9<sup>a</sup> having end flanges 9<sup>b</sup> which are secured to the inner surfaces of the sides of the bin preferably at the point of greatest depth of the said bin. By reason of the partition, each bin is divided, as stated, in order that merchandise of different sizes or characters may be placed on the bins on opposite sides of the partition.

The end sills are provided with longitudinally disposed strips 6<sup>a</sup> over the edge of which the bottoms 9 forming the bin extend through the medium of the flanges 9<sup>c</sup> of the bottom which, owing to their engagement with the edges of the strips 6<sup>a</sup>, aid in supporting the bottoms. The flanges 9<sup>c</sup> are fastened to the strips 6<sup>a</sup> by nails, screws or other fastenings such as shown at 9<sup>d</sup>. The sills are secured to the posts or uprights by the bolts or other fastenings 12 it being an immaterial detail of construction as to the manner of securing the parts together.

The upper sill 6 supports a partition consisting of a rectangular frame 13, the sides 14 of which have vertically disposed slots 15 in their inner surfaces forming ways for the reception of the ends of the partition 16 which are provided for dividing the compartments in appropriate sizes for the purpose of containing merchandise such as tacks, rivets, or the like.

It will be observed that a screen bottom 17 is provided for the said cabinet in order to prevent the accumulation of dirt and foreign substances. One side of the frame is

also provided with a bracket or shelf 18 having partitions 19 for dividing it into a series of compartments designed for the reception of wrappers such as bags or paper to be used for inclosing or wrapping the merchandise to be sold.

I have shown in Fig. 4 a perspective view of a chute and means for fastening or attaching it to the bin and from an inspection of Figs. 1 and 4 it will be seen that the hanger 21 is attached to the chute at its outer edge and that the said hanger is provided with hooks 22 on its ends which are designed to engage the edge of the bin above the one to which the chute is to direct the merchandise. The body 20 is also provided with feet 23 which are secured to the outer surface of the chute near its lower end and said feet are designed to rest on the edge of the bin to which the merchandise is delivered by the chute. Owing to the fact that the hooks 22 and feet 23 may be disengaged by the respective pins, the said chute may be transferred from one bin to another at the will of the operator.

The uprights 5 are further provided with supporting rods 24 passing longitudinally of the frame under the bin, one of said rods being disposed on each side of the center of the bin and in engagement with the bottom thereof in order that said rods may support the weight of the contents of the bin and thus relieve the strain on the fastenings between the sides of the bin and the sills. The

lower bin instead of being provided with supporting rods has its bottom supported by the members 25 which consist of longitudinally disposed strips of material secured to the uprights at their lower ends. By reason of the construction, therefore, the bins are supported irrespective of their connection with the sills and are therefore, strong and durable.

I claim—

In a merchandise cabinet, a frame composed of a plurality of uprights, horizontally disposed sills supported thereby, horizontal strips connecting the ends of the sills, a plurality of horizontal supporting rods connecting the uprights, a plurality of bins having concaved bottoms supported between the uprights, and resting on the horizontal supporting rods, flanges provided on the upper edges of said bins, transversely disposed partitions having flanged ends dividing the bins, said flanged ends adapted to be secured to the inner surfaces of the sides of the bins, an upper bin comprising a frame having vertically disposed slots, a plurality of partitions dividing said top bin the ends of which are adapted to engage in the vertically disposed slots provided in the frame.

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

FRANKLIN M. MONTGOMERY.

Witnesses:

CARL L. KOGER,  
A. B. CRUMP.