Nov. 13, 1923. 1,473,868

J. PINTEN

DISPLAY CABINET

Filed April 24, 1922

Fig. 1.

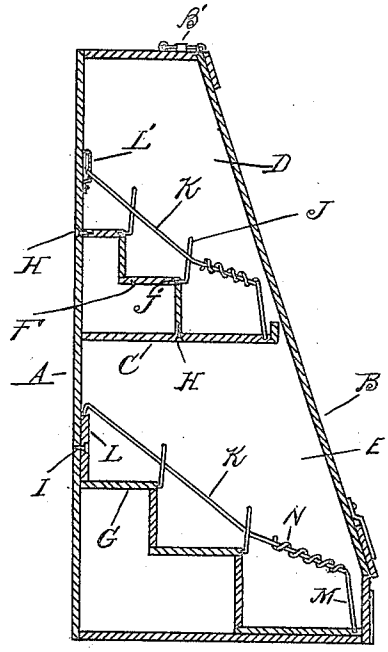
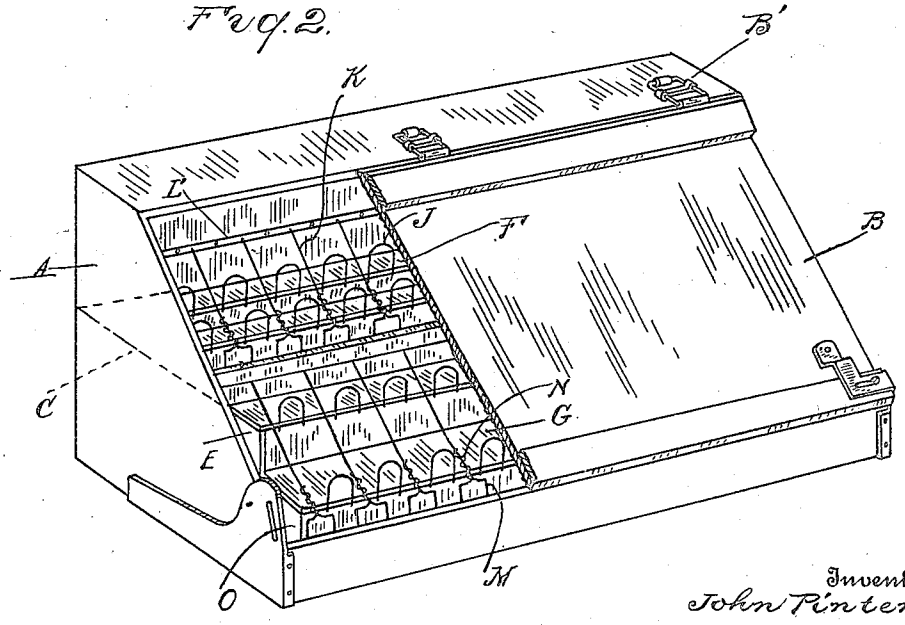


Fig. 2.



Inventor
John Pinten

By Whittemore Hulbert & Whittemore Belknap.

Attorneys

Patented Nov. 13, 1923. 1,473,868

UNITED STATES PATENT OFFICE.

JOHN PINTEN, OF DETROIT, MICHIGAN.

DISPLAY CABINET.

Application filed April 24, 1922. Serial No. 556,335.

To all whom it may concern:

Be it known that I, JOHN PINTEN, a citizen of the United States of America, residing at Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Display Cabinets, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to display cabinets, and more particularly cabinets for display of seeds or the like.

The invention consists in the structural features and arrangements of parts, hereinafter fully described and illustrated in the accompanying drawings, wherein:—

Figure 1 is a view of the improved display cabinet in vertical cross section;

Figure 2 is a perspective view of the same, a portion being broken away.

In these views the reference character A designates a box or receptacle elongated from end to end and also vertically, and formed either of wood or metal, but preferably the former, in the interests of lightness and economy. B is a closure hinged to the top of the receptacle A as indicated at B′ and, in closed position, extending downwardly in a divergent relation to the back as clearly shown in Figure 1. Any suitable means (not shown) may be provided to secure the lower or free edge of said closure to the base portion of the receptacle.

C is a horizontal partition dividing the receptacle into upper and lower compartments D and E respectively, and F and G are stepped shelves arranged in the compartments D and E. While these shelves may be similarly secured in place if desired, the illustrated construction shows the upper shelf fastened by nails H to the back of the receptacle and shelf C, while the lower shelf G is secured by a pair of screws I engaging the top board L with the back of the receptacle, being thus adapted for ready removal.

Along the forward edge of each step of each shelf there is secured a row of spaced arched wire brackets J, secured in place preferably by inserting their lower ends in suitable bores J′ in the shelves. Alternating with said brackets are wires K having an inclination corresponding to the pitch of the stepped shelves and spaced above the latter preferably at a mid height with respect to the bracket J. The wires K in the upper compartment D have their upper ends secured to an anchorage bar L′ permanently attached to the receptacle, while said wires in the lower compartment are secured at their upper ends to the top board L of the shelf G. The lower extremities of both upper and lower wires K are bent to coact with wires M to form arched anchorage members, the wires M having portions N coiled about the lower end portions of the wires K.

Thus the constructions in the upper and lower compartments are respectively permanent and quickly detachable, the upper construction being nailed in place as indicated at H and having its wires K secured to the back of the receptacle, while the lower construction comprises, with the wires K, a unit, retained in the receptacle A solely by the screws I. It is a feature of both constructions that a large number of package display cells or pockets are formed in a simple and comparatively inexpensive manner, the rear cells being so raised that the packages disposed therein are not concealed by the contents of the forward cells.

A further feature of both of the exemplified constructions is the use of the wire members K to continuously form partition elements between both the forward and rear package cells.

An additional advantage possessed by the construction in the lower compartment is that the shelf G and its display cells are adapted for removal or replacement as a unit. Thus, while the receptacle A may be a standard article of manufacture, the shelf G may be varied in length and in the size of the package cells to suit the individual requirements of customers. For example, one customer may prefer to have said shelf extend the full length of the seed box while another may require a shorter shelf, leaving spaces O at each end thereof, in which other articles may be displayed.

Another advantage possessed by the shelf G lies in utilization of the wires K as reinforcements, as well as partition members between the display cells.

What I claim as my invention is:—

1. The combination with a display cabinet, of a horizontal partition in said cabinet dividing the same into upper and lower compartments, and a stepped shelf in one of said compartments comprising a series of vertical members and a series of hori-

zontal members secured to said vertical members, vertical brackets terminally secured to the horizontal members of said shelf, inclined non-stretchable flexible brace members terminally secured to the uppermost vertical member and to the lowermost horizontal member of said shelf for reinforcing the latter, said brace members also alternating with said brackets to form cells adapted to receive packages containing seed, one end of said shelf terminating short of an end wall of said cabinet to provide a space in which other articles may be displayed, the said shelf being removable from said cabinet to permit another shelf of a different length to be substituted therefor.

2. The combination with a display cabinet, of a removable stepped shelf therein comprising a series of vertical members and a series of horizontal members, said horizontal members connecting the adjacent ends of said vertical members and being secured directly thereto, vertical brackets terminally secured to the horizontal members of said shelf, inclined non-stretchable flexible brace members terminally secured to the uppermost vertical member and to the lowermost horizontal member of said shelf for reinforcing the latter when the same is removed from said cabinet, said inclined brace members also alternating with said brackets to form cells, and flexible non-stretchable means terminally secured to the lowermost horizontal member of said shelf and surrounding said brace members adjacent to the lower ends thereof to reinforce the same.

In testimony whereof I affix my signature.

JOHN PINTEN.