

P. C. ROBERTSON.

CABINET.

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997,416.

Patented July 11, 1911.

Fig 1

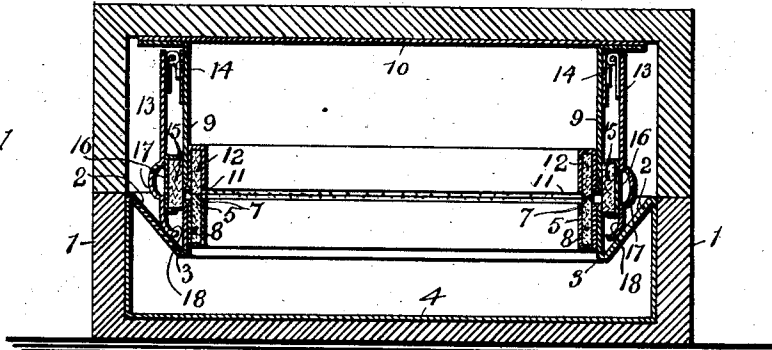


Fig 2

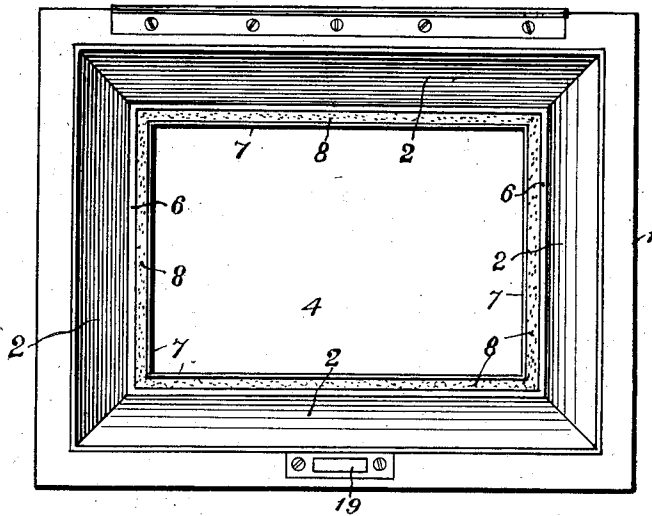
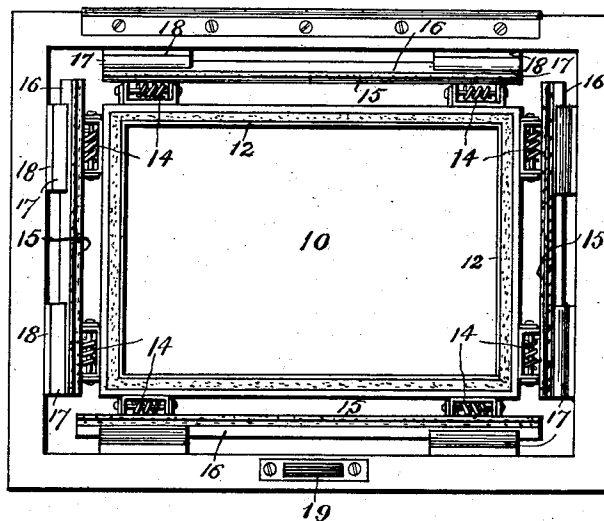


Fig 3



Witnesses

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CABINET.

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To all whom it may concern:

Be it known that I, PERCY C. ROBERTSON, a subject of the King of Great Britain, residing at the city of Yonkers, in the county of Westchester and State of New York, have invented certain new and useful Improvements in Cabinets, of which the following is a full, clear, and exact description.

My invention relates to cabinets in which a tight joint is desired between the box or body of the cabinet and the cover, and although adapted for many purposes it is specially designed for humidors for containing cigars.

It is a fact generally recognized that cigars become dried out when in a room supplied with artificial heat, and the cigars when in that condition, and particularly cigars of the finer quality, lose their natural flavor and become comparatively insipid and tasteless.

My invention has for its object, therefore, to provide a cabinet with an air tight joint between the box section and the cover thereof, and thereby preserve the cigars contained therein in their natural condition in respect to moisture and flavor so far as possible. This I accomplish by the means hereinafter described and illustrated in the accompanying drawings, wherein I have shown my invention embodied in the form preferred by me, and in which similar characters of reference indicate corresponding parts throughout the several views.

In the drawings, Figure 1 is a vertical longitudinal section of a humidor embodying my invention; Fig. 2 is a plan of the lower half or box of the humidor with the cover removed; and Fig. 3 is a plan of the upper half or cover of the humidor removed from the box portion.

As illustrated in the drawings, 1 represents a box of suitable size capable of holding the quantity of boxes of cigars desired. The box 1 will ordinarily be made deeper in proportion to the depth of the cover than the construction illustrated in Fig. 1, but it may be of any desired depth. One of the sections of the humidor, preferably the box portion, is provided with a wall 2, inclined downwardly and inwardly toward the center

of the box 1. This inclined wall is preferably formed on a flange or rail 3, extending along the upper margins of both of the sides and across the ends of the box, as illustrated in Fig. 2. The rail 3 is preferably formed integral with the lining 4 of the box, which lining will generally be of metal. By means of such construction I am enabled to form a socket or holder 5 which is made by doubling the metal over on itself, as indicated by 6 in Fig. 1, so as to leave a space between said doubled metal 6 and the outer or free margin 7 of said lining. Within the socket so formed I prefer to secure a strip of felt 8, or other material, having similar capabilities. The opposite section or cover of the humidor is preferably provided with a flange 9, which may be formed with or secured to the lining 10 of the cover in any suitable manner, and the lower margin of said flange is provided with a socket or holder 11 adapted to receive a strip of felt 12, or other material, which is in line with and bears against the strip of felt 8 of the box of the humidor when the cover is closed down on the box.

The section of the humidor opposite that having the inclined surface 2, in this case the cover of the box, is provided with frames 13 preferably hinged to the cover, and provided with springs 14 which normally press the free margins of the frames outward toward the sides and ends of the cover, as shown in Fig. 3. There are preferably four of these frames, one arranged opposite each of the sides and the ends of the cover. Each of these frames is provided with a strip of felt 15, which, when the cover is closed, is arranged opposite to the meeting edges of the felt strips 8 and 12 of the box and cover respectively. The felt strips 15 may be secured in holders 16 attached to the frames 13, in any suitable manner. The frames 13 are preferably provided with stops 17 which are adapted to bear against the sides and ends of the cover when the box is opened and limit the backward or outward movement of lips 18, and thereby prevent the outer or free margins of the said lips 18 from catching on to the inner upper margins of the box. The lips 18 are preferably

curved at their outer margins so as to readily slide down the inclined wall 2 of the box.

When the humidor is in use, and the cover raised, the frames 13 are pressed outward by the springs 14 into the position indicated in Fig. 3. As the cover is pressed down on to the box, the curved outer margins of the lips 18 come in contact with the inclined wall 2 of the box, and the continued downward movement of the cover presses the felt strips 15 against the meeting edges of the felt strips 8 and 12 of the box and cover respectively, thereby forming a double joint between said parts and effectually preventing air from passing through said joints into the interior of the humidor, to the damage and detriment of the cigars placed therein.

The length of the strips of felt 15 may be varied somewhat relatively to each other, without departing from my invention. In the construction shown in Fig. 3, the strip of felt 15 at the back of the cover is about the length of the adjacent strips of felt 8 and doubled metal 6 at the back of the box, so that when pressed inward by closing the cover down on to the box the strips of felt 15 at the ends of the cover will at their rear ends overlap the ends of the back strip 15, and the strip of felt 15 at the front of the cover may be extended so as to overlap the ends of the strips 15 at the ends of the cover. Such arrangements or variations in length of the respective strips of felt 15 may be modified, however, without departing from my invention.

While I prefer to make a double joint between the box and cover by means of the felt strips 8 of the box bearing against the felt strips 12 of the cover, in connection with the felt strips 15 of the cover, the strips 8 and 12 may in some cases be omitted, and a rigid joint of some other kind be made between the box and cover, and the felt strips 15 may be used to close laterally against said joint. In any case I do not desire to be limited to the use of felt for either of said joints.

While a humidor might be constructed with the inclined wall 2 on the cover, and the inward movable bearing strips on the box, I prefer to construct the parts as illustrated in the drawings in that respect, as in such case the lips of the movable frames 13 which extend beyond the plane of the edges of that part of the humidor, will not be in the way of a person using the humidor. A lock or latch 19 of any suitable construction is preferably provided to hold the cover secured down onto the box.

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

1. In a cabinet, the combination of a box, a cover, a joint within and between said box and cover, an inclined wall on one of said

parts, frames attached to the other part movable inwardly and outwardly at their free margins, and provided with bearing strips adapted to bear laterally against said joint formed between said box and cover, and with means adapted to bear against said inclined wall of said other part to move said bearing strips inward.

2. In a cabinet, the combination of a box, a cover, yielding material arranged within said box and cover adapted to bear against each other and form a close joint, an inclined wall on one of said parts, bearing strips of yielding material attached to the other part movable inwardly and outwardly at their free margins, and adapted to bear laterally against the joint between said box and cover, and provided with means adapted to bear against said inclined wall of said other part and move said bearing strips inward.

3. In a cabinet, the combination of a box, a cover, a joint formed within and between said box and cover, an inclined wall on one of said parts, frames attached to the other part and movable inwardly and outwardly at their free margins and provided with bearing strips having the face of one strip abutting against the end of an adjacent strip and adapted to bear laterally against said joint, and with means adapted to bear against said inclined surface of one of said parts to move said bearing strips inward and hold them against said joint between the box and cover.

4. In a cabinet, the combination of a box having a rail extending inwardly from the upper portion of said box, and provided with a wall inclined downwardly and inwardly, and with bearing strips of yielding material inwardly of said inclined wall, a cover having strips of yielding material registering and coacting with said strips of said box to form a close joint when the cover is closed down on the box, and frames hinged to said cover provided with means for bearing against the inclined wall of the box to move the lower margins of said frames inward, and with bearing strips of yielding material arranged opposite said joint between the cover and box and adapted to press closely against said joint when the cabinet is closed.

5. In a cabinet, the combination of a box having a rail extending inwardly from the upper portion of said box, and provided with a wall inclined downwardly and inwardly from the upper margins of said box, and with bearing strips of yielding material inwardly of said inclined wall, a cover having strips of yielding material registering and coacting with said bearing strips of said box, when the cabinet is closed, and frames hinged to said cover and provided with means adapted to bear against said inclined

wall and move the free margins of said frames inwardly, and with stops to limit the outward movement of said free ends of said frames, and with strips of yielding material
5 adapted to bear against said joint between the box and cover when the cabinet is closed.

In testimony whereof I have signed my

name to this specification in the presence of two subscribing witnesses.

PERCY C. ROBERTSON.

Witnesses:

B. E. SMYTHE,
JOHN A. BERGSTROM.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
