Jan. 29, 1929. 1,700,574

W. SMITH

HUMIDOR

Filed Jan. 16, 1928

Fig. 1.

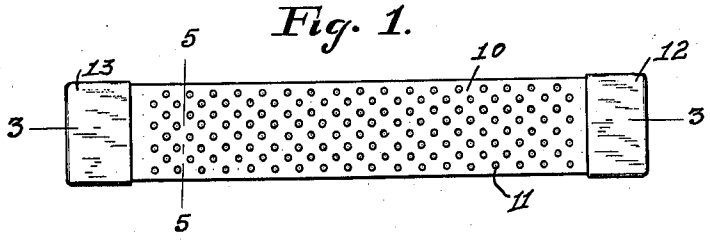


Fig. 2.

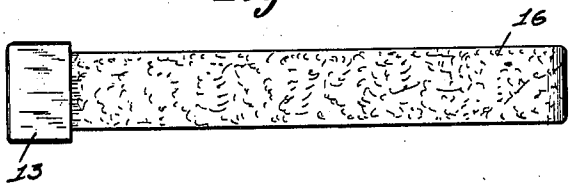


Fig. 3.

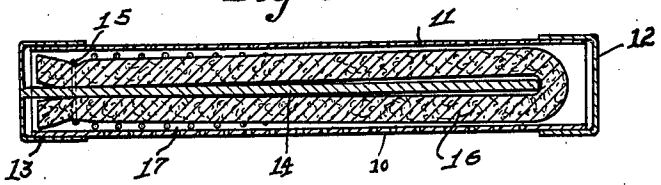


Fig. 4.

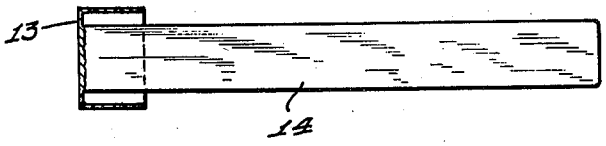
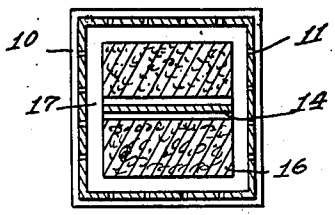


Fig. 5.



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UNITED STATES PATENT OFFICE.

WILLIAM SMITH, OF YONKERS, NEW YORK.

HUMIDOR.

Application filed January 16, 1928. Serial No. 246,950.

This invention relates generally to a device for moistening the air in a cigar box commonly called a "humidor" in order to preserve the aroma of the cigars.

I am aware that many attempts have been made to devise means for thus moistening the air such as providing a humidor with a core of water absorbing material, but such a core had to be surrounded by a cage of some kind to keep the material together and in proper shape and the cage had to be enclosed in a casing. But such a device is too complicated and after using a while the absorbent material comprising the core gets out of shape making the device ineffective. It is a primary object of the present invention to provide a humidor with means for keeping the water absorbing material in proper shape no matter how long used. Another object is the provision of a humidor with means for shaking the excess of water from the absorbing material.

Other objects and advantages will be apparent from the description to follow taken in connection with the accompanying drawing in which—

Figure 1 is a side view of my improved humidor.

Figure 2 is a detail view showing the absorbent material used in the humidor.

Figure 3 is a sectional view taken on the plane indicated by the line 3—3 of Figure 1.

Figure 4 is a detail view showing the plate used for mounting the absorbent material.

Figure 5 is an enlarged sectional view taken on the plane indicated by the line 5—5 of Figure 1.

Referring to the figures of the drawing in detail, the improved humidor comprises an elongated casing 10, rectangular in shape, and provided with a plurality of perforations 11. The casing 10 may be made of nickel or any other suitable material and the perforations 11 may be arranged in any desirable manner. Fixed to one end of the casing 10 is a cap 12. Removably mounted on the other end is a cap 13 and carried thereby and forming an integral part thereof is a plate 14, said plate when the parts are in assembled position (see Figure 3) extending substantially the length of the casing 10. Securely mounted on the plate 14 by means of a piece of wire 15 is a strip of fibrous material indicated at 16, which strip covers the sides and free end of the plate 14. While this strip 16 is illustrated as made of fibrous material, any other water absorbing material, such as, sponge, blotting paper, may be used. It will be noted that a space 17 exists between the strip 16 and the inner surface of the walls of the casing 10, permitting easy insertion and withdrawal of the strip 16 from the casing.

In using the improved humidor, the plate 14 with its strip of fibrous material is dipped into water until the fibrous material becomes soaked. When thoroughly soaked, the plate 14 is then shook, which action, owing to the rigid support for the fibrous material, throws off all of the excess water. This plate 14 in addition to serving as a rigid support for the absorbent material, permits said material to be shaken without losing its shape, and further permits the ready insertion and withdrawal of said absorbent material. It will be understood that inasmuch as means is provided for shaking off the excess of water, there is no danger of any water seeping through the perforations 11 on to the cigars.

While the improved humidor preferably is used for keeping cigars in good condition, it will be understood that the device may be used for saturating the atmosphere with perfume or for disinfecting purposes. It will also be understood that various changes in detail may be made without departing from the spirit of the invention and I desire to be limited only by the prior art and the appended claim.

I claim:

A humidor comprising a perforated casing, a removable cap therefor, an elongated rigid plate integrally mounted on the interior of said cap and disposed centrally thereof and absorbent material removably mounted on the exterior of said plate, said cap, plate and absorbent material forming a unitary structure adapted to be removed from the casing.

In testimony whereof, I hereunto affix my signature.

WILLIAM SMITH.