

(No Model.)

C. A. ALLEN.
CIGAR MOISTENER.

No. 406,076.

Patented July 2, 1889.

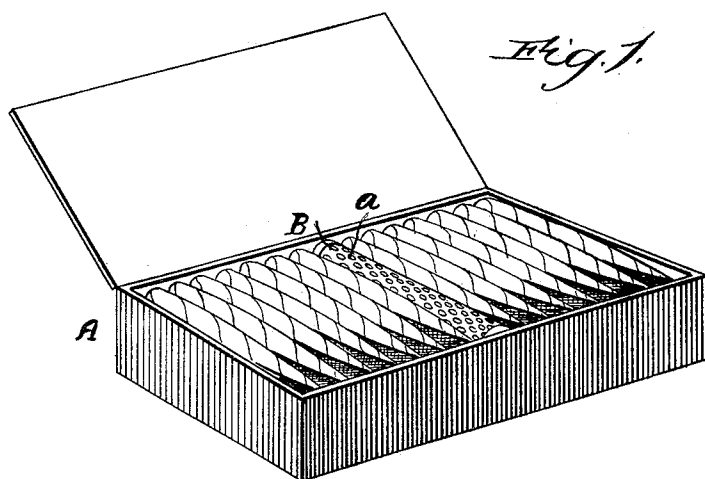


Fig. 2.

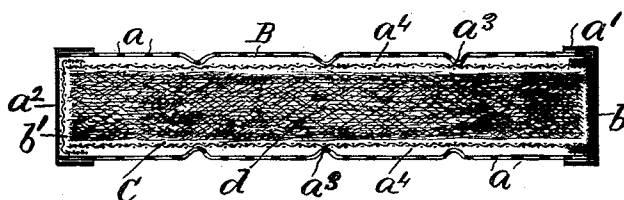


Fig. 3.

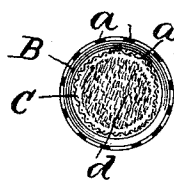
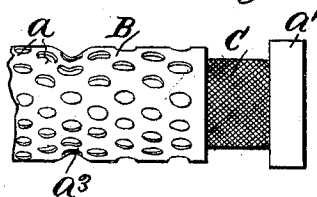


Fig. 4.



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UNITED STATES PATENT OFFICE.

CHARLES A. ALLEN, OF CHICAGO, ILLINOIS.

CIGAR-MOISTENER.

SPECIFICATION forming part of Letters Patent No. 406,076, dated July 2, 1889.

Application filed March 1, 1889. Serial No. 301,620. (No model.)

To all whom it may concern:

Be it known that I, CHARLES A. ALLEN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Cigar-Moisteners, of which the following is a full, clear, and exact description, that will enable others to make and use the same, reference being had to the accompanying drawings, forming a part of this specification.

The object of this invention is to provide an improved device for keeping cigars and tobacco in a moist merchantable condition, as will be hereinafter set forth.

Figure 1 is a view in perspective of an open cigar-box, showing the relative position of the moistening device; Fig. 2, a longitudinal section of the device proper embodying my improved features; Fig. 3, a transverse section; and Fig. 4 a broken-away side elevation, showing the inner wire-gauze tube partially withdrawn.

Referring to the drawings, A represents a box of cigars, showing the moistening device placed therein. The moistener consists of the outer cylindrical tube B, inclosing the wire-gauze tube C, loosely and removably inserted therein, as shown in Fig. 2. The tube B will be composed ordinarily of sheet metal, which is provided with numerous perforations *a*, and closed at each end by the removable caps *a'*. The tube B is also provided interiorly with the annular corrugations *a'*, which prevent the gauze tube C from having positive contact with the interior surface of the outer inclosing-tube, and leaves the annular space *a'* between the two. The inner wire-gauze tube is provided at each end with the gauze caps *b b'*, the cap *b* being rigidly secured to the cap *a'* of the outer tube, (see Fig. 2,) so that when the cap *a'* is removed the gauze tube is conveniently drawn out at the same time, as illustrated in Fig. 4. The gauze tube will be filled with a body of cotton *d*, or other suitable absorbent material,

saturated with water, and the whole inclosed in the outer tube. The moisture given out by evaporation will escape through the perforations *a* and keep the contents of the cigar-package in the required merchantable condition. The annular corrugations in the outer tube prevent the close contact of the gauze tube, so that the water cannot escape in the form of drops, but only by the process of evaporation, and thus the goods cannot be damaged by too much moisture.

The moistener will be arranged ordinarily in the package in the manner illustrated in Fig. 1, the dimensions being such as to occupy the space of about one cigar.

It is obvious, however, that the moistener may be constructed on a much larger scale and placed in the large cigar show-cases used in the retail trade, thus dispensing with the necessity of having one of the moisteners in each small package.

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

1. In a cigar-moistener, the combination, with the outer perforated tube provided interiorly with annular corrugations, of the wire-gauze tube removably inserted in and inclosed by said outer tube, the gauze tube being filled with an absorbent material, substantially as and for the purpose set forth.

2. In a cigar-moistener, the combination, with the outer perforated tube, provided interiorly with annular corrugations and capped or closed at both ends, of the wire-gauze tube capped at one end, as described, and loosely inserted in the outer tube, one end of the gauze tube being rigidly attached to the corresponding cap end of the outer tube, so as to be removable therewith, substantially as and for the purpose set forth.

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Witnesses:

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