L. G. HOLTSCHNEIDER.

HUMIDIFIER.

APPLICATION FILED SEPT. 30, 1919.

1,380,208. Patented May 31, 1921.

Fig. 1.

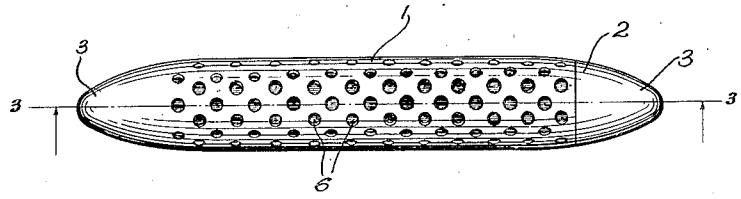


Fig. 2.

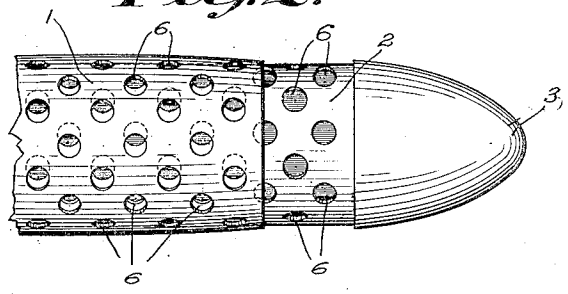


Fig. 3.

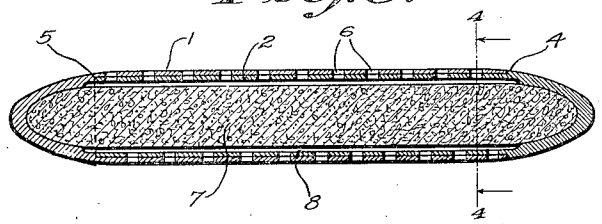
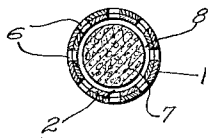


Fig. 4.



WITNESSES

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HUMIDIFIER.

1,380,208. Specification of Letters Patent. Patented May 31, 1921.

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To all whom it may concern:

Be it known that I, LEO G. HOLTSCHNEIDER, a citizen of the United States, and a resident of the city of Jefferson City, in the county of Cole and State of Missouri, have invented a new and Improved Humidifier, of which the following is a full, clear, and exact description.

This invention relates to improvements in humidifiers, an object of the invention being to provide a device of the character stated which will occupy the space of a cigar in a box of cigars and which can be adjusted to give just the desired moisture, or adjusted so as to shut off the escape of moisture as preferred.

A further object is to provide a humidifier which has an inner absorbent core spaced from the walls of the casing so as to permit of a relatively large evaporating area around the core and permit a free circulation of air, and also to so construct the casing as to permit the amount of air escaping or circulating to be entirely controlled or shut off altogether.

With these and other objects in view, the invention consists in certain novel features of construction and combinations and arrangements of parts as will be more fully hereinafter described and pointed out in the claim.

In the accompanying drawings:—

Figure 1 is a view in elevation illustrating my improvements.

Fig. 2 is a fragmentary view in elevation on an enlarged scale showing the casing sections partially separated.

Fig. 3 is a view in longitudinal section on the line 3—3 of Fig. 1.

Fig. 4 is a view in transverse section on the line 4—4 of Fig. 3.

My improved humidifier comprises two casing sections 1 and 2, both of general cylindrical form and fitting one upon the other.

The sections 1 and 2 have each a closed end 3 which tapers to give to the device the general shape of a cigar.

It is to be understood that the device is designed to occupy a cigar space in a cigar box, and hence will be of the proper size and shape for this purpose.

The inner casing section 2 has an annular external shoulder 4 against which the end of section 1 bears, and section 1 has an internal annular shoulder 5 against which the end of section 2 bears.

The sections 1 and 2 have perforations 6 which are adapted to register or which may be closed or partially closed by imparting either a partial rotary or longitudinal movement to the members relative to each other.

A core 7 of absorbent material is located in the casing and supported at the ends in the ends of the casing, and the inner section 2 is made with an annular recess 8 extending throughout the perforated portion thereof and providing an ample air space to permit a free evaporation and a circulation of air.

Various slight changes might be made in the general form of the parts described without departing from my invention, and hence I do not limit myself to the precise details set forth but consider myself at liberty to make such slight changes and alterations as fairly fall within the spirit and scope of the appended claim.

I claim:—

A humidifier comprising two circular casing sections fitting one upon the other, an external annular shoulder adjacent the end of the inner casing section receiving thereagainst the open end of the outer casing section, an internal annular shoulder in the outer casing section receiving thereagainst the open end of the inner casing section, each of said sections having a closed end and an open end, said closed ends tapering from said shoulders, and said sections having perforations therein adapted to be moved in or out of registration by the rotary or longitudinal movement of said sections.

LEO G. HOLTSCHNEIDER.