B. F. LEISER.

MOISTENING DEVICE.

APPLICATION FILED FEB. 3, 1908.

900,748. Patented Oct. 13, 1908.

Fig. 1.

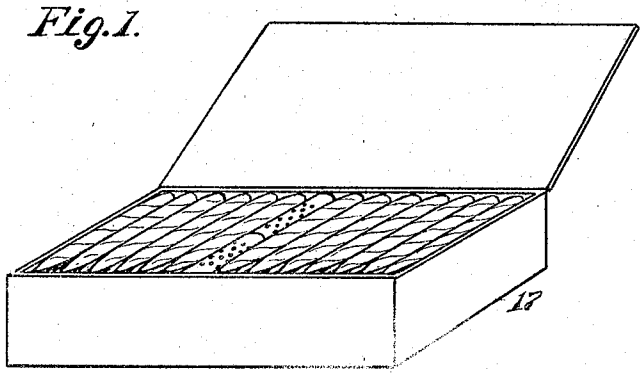


Fig. 2.

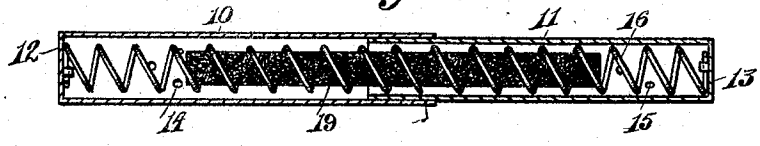


Fig. 3

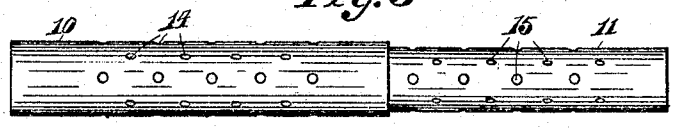


Fig. 4.

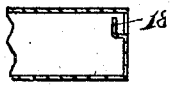
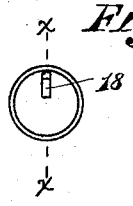


Fig. 5.



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UNITED STATES PATENT OFFICE.

BENJAMIN F. LEISER, OF SOUTH BEND, INDIANA.

MOISTENING DEVICE.

No. 900,748. Specification of Letters Patent. Patented Oct. 13, 1908.

Application filed February 3, 1908. Serial No. 414,110.

To all whom it may concern:

Be it known that I, BENJAMIN F. LEISER, a citizen of the United States, residing at South Bend, in the county of St. Joseph and State of Indiana, have invented certain new and useful Improvements in Moistening Devices, of which the following is a specification.

This invention relates to improvements in moistening devices, more particularly to devices of this character adapted to be employed in cigar boxes and for similar receptacles containing tobacco or other articles which require the presence of moisture imparting elements.

The object of the invention is to provide a simply constructed device which may be inserted in cigar boxes among the cigars, or in other receptacles, and which is adjustable to enable it to be adapted to boxes of different sizes.

With these and other objects in view, the invention consists in certain novel features of construction as hereafter shown and described and specifically pointed out in the claims, and in the drawings employed for illustrating the preferred embodiment of the invention.

Figure 1 is a perspective view of a cigar box containing a number of cigars with one of the improved devices arranged between the side walls of the box. Fig. 2 is a longitudinal sectional view of the device enlarged. Fig. 3 is an elevation of the improved device. Fig. 4 is a sectional detail illustrating the manner of forming the spring supporting clip or loop. Fig. 5 is an end view of the part shown in Fig. 4.

The improved device comprises two tubular members 10—11, one smaller in diameter than the other, so that they may be telescopically connected, as shown, the member 10 having a closed end 12 and the member 11 having a closed end 13. The members 10—11 are provided respectively with spaced perforations 14—15, to permit the moisture imparting element to readily be accessible to the air outside the members 10—11.

Disposed within the members 10—11 is a coiled spring 16 connected at its ends respectively to the closures 12—13, and exerting its force to maintain the members 10—11 yieldably in distended position, so that when disposed in a position in a box represented at 17, with the closed ends 12—13 bearing against the opposite walls of the box, the spring will exert its force to maintain the device in any desired position within the box.

In Figs. 4 and 5, is shown the preferred means for attaching the ends of the spring to the closures 12—13, consisting in forming in the closures spaced slits and bending the metal released by the slits inwardly to form loops, one of which is represented at 18 in Figs. 4 and 5, the spring being attached to these loops by inserting the end whirls thereof within them. The loops 18 will preferably be formed near one end of the members 12—13, and the end whirls of the spring will be so formed that when the spring is inserted, for instance, into the member 10 with its end whirls against the closure 12 and the spring rotated, the terminal of the end whirl will enter the loop and thus connect the spring to the end closure, and then when the member 11 is disposed over the spring until its other end whirl bears against the closure 13 and the member 11 rotated, the terminal of the end whirl will enter the loop of the closure 13, and thus couple the spring in position. The moistener element is indicated at 19, and may be of any suitable material such as felt, cotton, wool, mineral wool, or the like which will retain the moisture. The moisture containing element is in cylindrical form and rests within the spring, and is supported thereby, as shown in Fig. 2.

By this means it is obvious that a very simply constructed and efficient device is produced, which may be readily adjusted within a cigar box or other receptacle, and supported by the force of the spring in any desired position to cause the air within the box to be moistened, and thus maintain the articles within the box in the proper condition.

The shell member 10—11 may be of any required size of any suitable material, and adapted for receptacles of various sizes and shapes and for containing different kinds of goods.

The device may be inexpensively manufactured and operates effectually for the purposes described.

Having thus described the invention, what is claimed as new is:—

1. A cigar moistener comprising two perforated tubular members telescopically ar-

ranged, a spring within said tubular members and operating to maintain the same yieldably distended, and absorbent material within the tubular members and supported by the spring.

2. A device of the character described comprising two perforated tubular members telescopically arranged and open at the inner ends and closed at the outer ends, a spring within said tubular members and bearing against said closed ends and operating to maintain the tubular members yieldably distended, and absorbent material within the tubular members and supported by the spring.

3. A device of the class described comprising two perforated tubular members telescopically arranged, a spring within said tubular members and operating to maintain the same yieldably distended, and absorbent material within the spring and supported thereby.

4. A device of the class described and comprising two perforated members telescopically arranged and open at the inner ends and closed at the outer ends with inwardly extending loops carried by said closed ends, a spring within said tubular members and engaging said loops by the terminal whirls, and absorbent material within the tubular members.

5. A device of the class described comprising two perforated tubular members telescopically arranged and open at the inner ends and closed at the outer ends with inwardly extending loops carried by said closed ends, a spring within said tubular members and engaging said loops by the terminal whirls, and absorbent material within the spring and supported thereby.

6. A device of the class described comprising two perforated tubular members telescopically arranged and open at the inner ends and closed at the outer ends and with spaced slits in said closed ends with the material between the slits bent into inwardly extending loops, a spring within said tubular members and engaging said loops by the terminal whirls, and absorbent material within the tubular members.

In testimony whereof I affix my signature, in presence of two witnesses.

BENJAMIN F. LEISER.

Witnesses:

GEORGE OLTSCH,

G. M. COLE.