

J. F. HERBRICK.
CIGAR MOISTENER.
APPLICATION FILED APR. 5, 1909.

949,480.

Patented Feb. 15, 1910.

(SHRINK-SHEET)

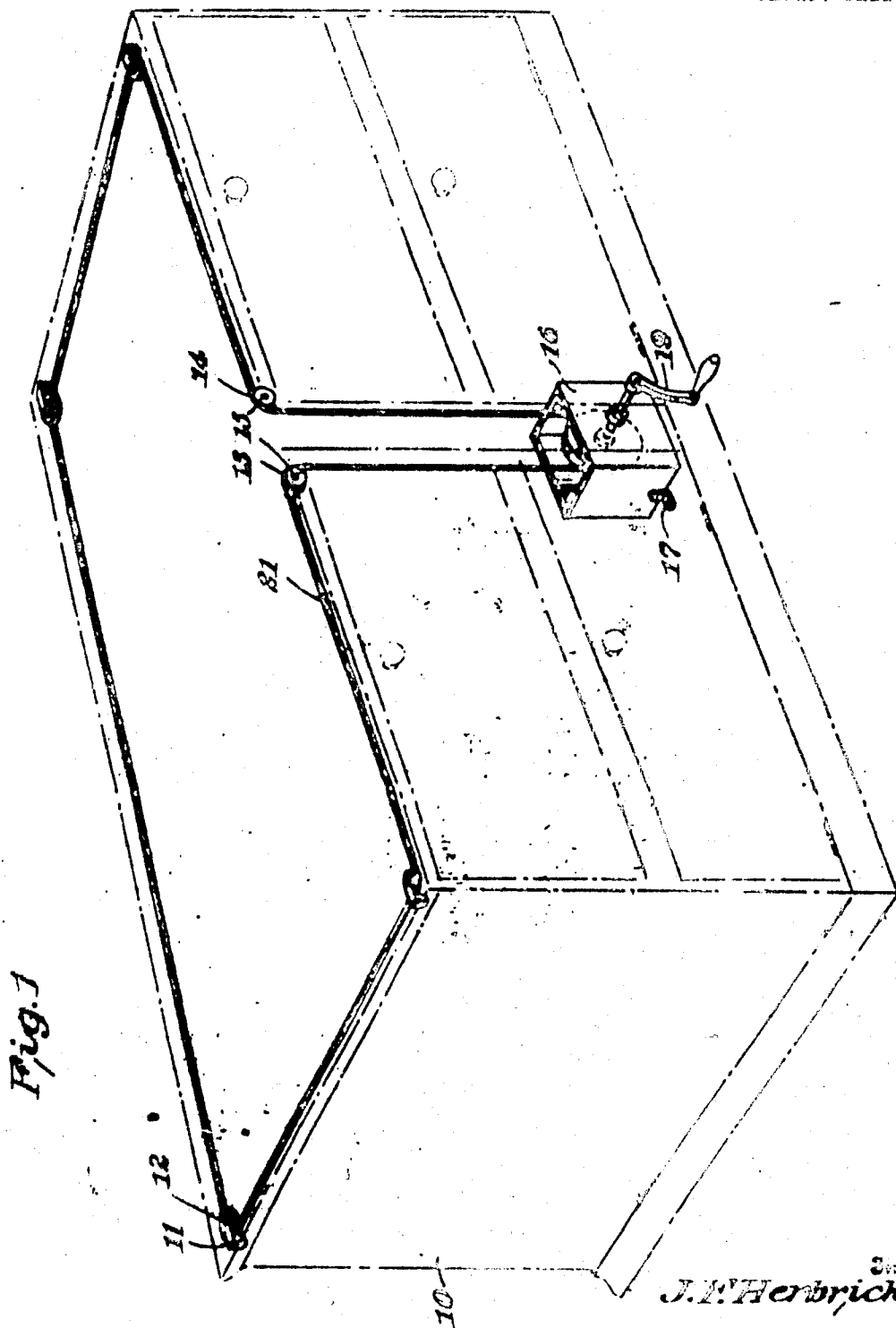


Fig. 1

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264
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2 SHEETS-SHEET 3.

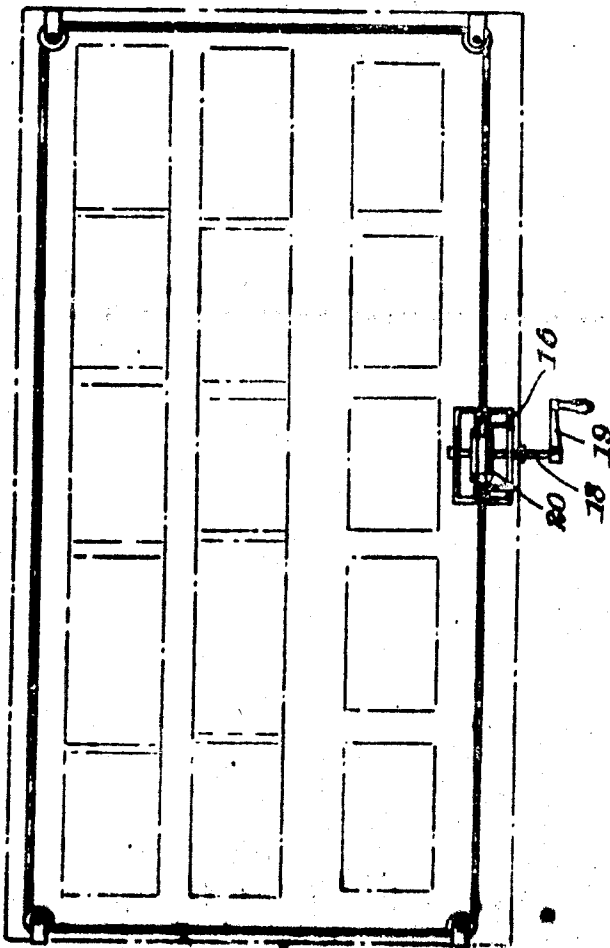


Fig. 2.

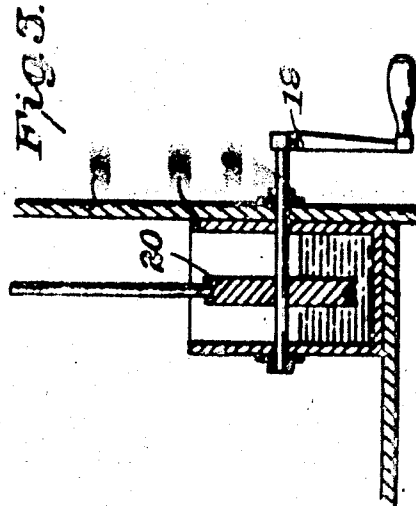


Fig. 3.

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UNITED STATES PATENT OFFICE

JOHN F. HERBRICK, OF TAMA, IOWA.

CIGAR-MOISTENER.

949,430.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOHN F. HERBRICK, citizen of the United States, residing at Tama, in the county of Tama and State of Iowa, have invented certain new and useful Improvements in Cigar-Moisteners, of which the following is a specification.

This invention relates to showcases and the like and refers particularly to a showcase in which substances are displayed and which require moisture, as cigars and the like.

The object of this invention is to provide means within the showcase for effecting the dampening of the air within the same without the necessity of withdrawing an absorbent member and saturating the same to its full capacity whereby an uneven moisture is effected in the showcase as the water is evaporated from the absorbent member.

The invention further contemplates the provision of a moistener which may be operated at any time convenient without the necessity of opening the case, but by simply turning a crank, so as to renew the moisture within the case from time to time, thereby effecting an even distribution of the moist air throughout the case and of maintaining such moisture at a constant degree.

For a full understanding of the invention reference is to be had to the following description and accompanying drawings, in which:—

Figure 1 is a perspective view of the moistener as applied to a showcase. Fig. 2 is a top plan view of the same, and Fig. 3 is a longitudinal section through the tank containing water, disclosing a fragmentary view of the casing and distributor connected to the same.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

In the drawings in which is disclosed an embodiment of this invention, the numeral 10 designates a showcase which is of rectangular formation and which is provided at its opposite corners adjacent the top of the same with brackets 11 in which are horizontally disposed pulleys 12.

Immediately of the back of the case 10 at the upper edge of the same, are disposed rollers 13 and 14 which are vertically disposed and mounted upon the pins 15 which are engaged through the back of the case 10.

The case 10 is provided upon the inside thereof adjacent the back with a tank 16 which rests upon the back of the case and is secured thereto by suitable angle irons 17, the tank 16 being disposed centrally of the rear edge of the bottom of the case 10 so as to be in alinement with the pulleys 13 and 14. Longitudinally journaled within the tank 16 is a shaft 18 which extends rearwardly through the back of the case 10 and is provided with a crank handle 19 for the purpose of imparting rotation to the shaft 18 by the engagement of the hand of the operator therewith. The shaft 18 is provided intermediately thereof with a large pulley 20 disposed in vertical alinement with the pulleys 13 and 14 and over which is passed a distributor 21. The distributor 21 is formed of a portion of rope or a similar material, which is passed upwardly from the pulley 20 to the pulleys 13 and 14 where they engage over the same and diverge toward the pulleys 12 over which the same is passed to convey the distributor 21 about the upper edges of the case 10 to finally distribute the moisture just caused by the evaporation of the water which the distributor 21 absorbs by passing it through the tank 16.

When it is desired to operate the device to moisten the air within the case 10, the tank 16 is provided with an amount of water through which the pulley 20 rotates and carries the distributor 21. The crank handle 19 is rotated at convenient intervals to convey the distributor 21 through the case 10 to renew the amount of water which the rope absorbs while passing through the tank.

A device of this nature, it is readily observed, is of great practical advantage in cigar stores and the like, where it is now generally necessary to remove a tube or the like from the case and to soak the same in water. The water soon evaporates from these detachable devices and the air within the casing is permitted to become dry, when it is necessary to renew the water in the absorber which suddenly moistens the temperature and injures the stock in the case. With a device of this character, the atmospheric condition within the casing 10 is retained at a constant point thereby preserving the contents of the case by such constant condition and preventing the sudden swelling or contraction of the stock which is disposed in the casing.

Having thus described my invention, what is claimed as new is:

1. A device as specified comprising a showcase, pulleys mounted in the opposite corners of said showcase, pulleys arranged in spaced relation intermediately of the back upper edge of said showcase, a tank disposed in said case beneath said spaced pulleys, a shaft through said tank, a handle mounted on said shaft, a pulley intermediately disposed in said tank, and a distributor positioned over all of said pulleys for movement about the edges of said showcase to distribute water from said tank.

2. In a device as specified, the combination of a case, pulleys disposed at the upper corners of said case, an endless distributor mounted over said pulleys, a pair of pulleys spaced intermediately of the rear edge of said case, a tank mounted in said case, a pulley disposed in said tank, said spaced pulleys and said pulley in said tank adapted to convey said distributor into said tank, and means carried by said pulley in said tank for rotating the same.

3. A cigar moistener including a rectangular case, pulleys disposed in the upper corners of said case, a tank located within

said case, an endless distributor engaged over said pulleys and in said tank, and means for actuating said distributor.

4. A cigar moistener including a rectangular case, an endless distributor disposed in the upper edges of said case, a tank embedded in the bottom of said case adjacent the rear wall thereof, and means located in the tank and extended from the rear wall of said case for actuating said distributor.

5. A cigar moistener including a case, a distributor disposed in the upper end of said case, about the edges of the same, and means located in said case and extended rearwardly therefrom for actuating said distributor.

6. A cigar moistener including a case, an endless distributor disposed about the upper edges in said case for the purpose of moistening air adjacent to the walls of said case, and means disposed through said case for actuating said distributor.

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

JOHN F. HERBRICK. [L.S.]

Witnesses:

L. H. STODDARD.
M. W. POSTEN.