

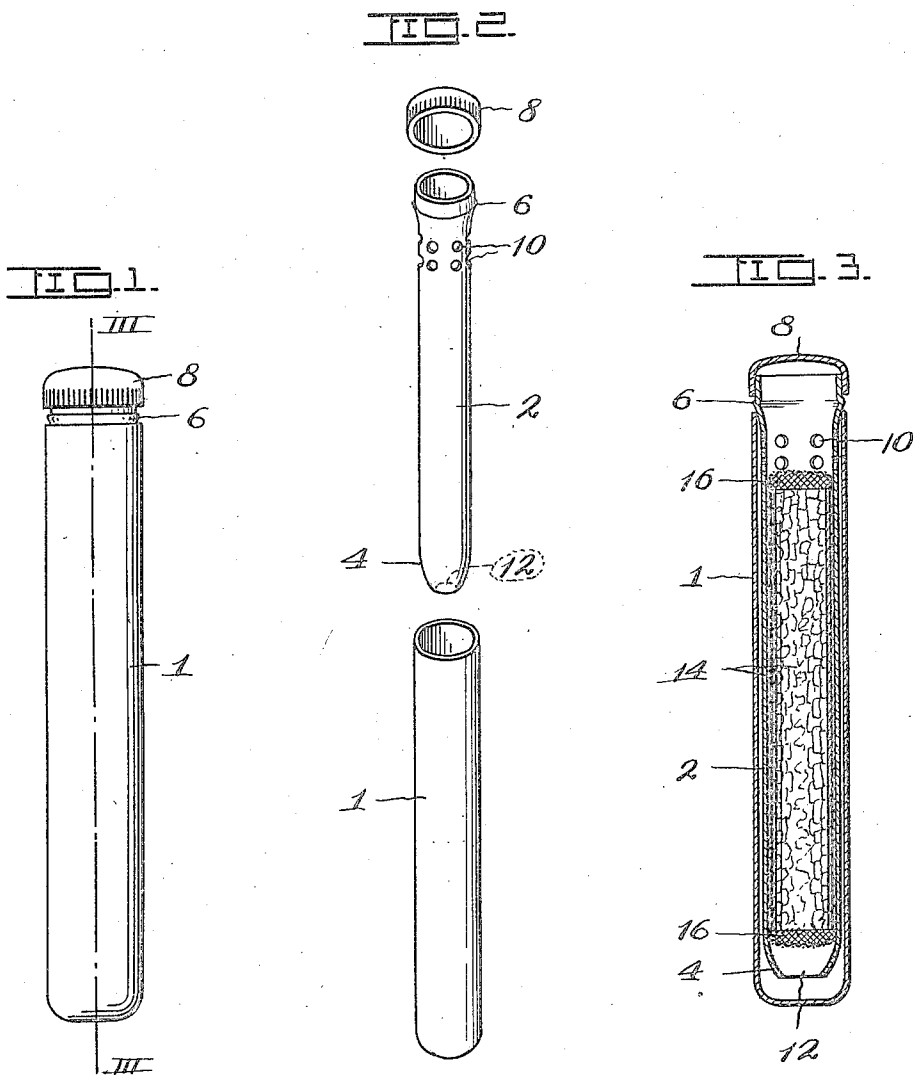
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1,470,124

W. STRICKER

INHALER

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Witness:

Fred C. Richter,

By

Inventor:
William Stricker,

F. G. Fischer,

Attorney

UNITED STATES PATENT OFFICE.

WILLIAM STRICKER, OF KANSAS CITY, MISSOURI.

INHALER.

Application filed April 30, 1921. Serial No. 465,937.

To all whom it may concern:

Be it known that I, WILLIAM STRICKER, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Inhalers, of which the following is a specification.

My invention relates to new and useful improvements in inhalers of the type employed in holding smelling salts, medicated fillers, etc., capable of giving off fumes or vapors for inhalation in the treatment of head and throat ailments, and my objects are to provide a neat, simple and inexpensive device of this character which may be carried around in the vest-pocket, or in a hand-bag, for immediate use.

In order that the invention may be fully understood, reference will now be had to the accompanying drawings, in which:

Fig. 1 is an enlarged side elevation of the device.

Fig. 2 is a perspective view showing the several elements of the device ready for assembly.

Fig. 3 is a longitudinal section on line III—III of Fig. 1.

In carrying out the invention, I provide a tubular casing 1, which is closed at one end and open at its opposite end.

2 designates a tubular container adapted to fit within the casing 1. Said container 2 is tapered at one end as indicated at 4 and swedged or slightly enlarged adjacent its opposite end as indicated at 6, the latter end being provided with a cap 8 adapted to fit friction tight or it may be threaded thereon as preferred. The container 2 is provided adjacent its enlarged portion 6 with a plurality of inlet ports 10 and at its reduced or tapered end 4 with an outlet port 12 which is of less area than the combined area of the inlet ports 10, so that an adequate stream of air may be drawn through the medicaments within said container 2.

14 designates the medicated or otherwise treated filler which consists of any suitable absorbent material such as blotting paper, which after being treated is rolled up and placed in the container 2 through the large end thereof. The space 15 may be filled with menthol crystals, or other medicaments before the cap 8 is placed in position on the container 2. Gauze or other perforate stops 16 are placed in the container 2 adjacent to the ports 10 and 12 to prevent the filler 14

and the crystals from shifting longitudinally of the container 2 and closing one or more of the inlet ports 10.

In practice, after the container 2 has been charged with the treated filler 14 it is used by applying the tapered end 4 to the nostrils and inhaling. This causes a current of air to enter the inlet ports 10, which in its passage to the outlet port 12, takes up the fumes or vapor from the treated filler. After the container 2 has thus been used it is placed within the casing 1, which operation hermetically seals the same so that the outer atmosphere cannot enter the container 2 through the ports and evaporate the substance with which the filler 4 is treated.

From the foregoing description it will be understood that the operation of the device is very simple, the container 2 being removed from the casing 1 with one operation, that of pulling them apart, and after being used the container 2 is placed within the casing 1 and effects the sealing thereof in a single operation. The cap 8 may be removed when it is desired to recharge the container 2.

While I have shown and described the preferred construction, combination, and arrangement of parts I reserve the right to make such changes as properly fall within the spirit and scope of the claims.

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

1. A device of the character described consisting of a tubular container provided adjacent one end with inlet ports and having a reduced opposite end provided with a single outlet port, and a tubular casing closed at one end and open at its opposite end to receive said container which is swaged to hermetically close said casing when placed in position therein.

2. A device of the character described consisting of a tubular container adapted to entirely enclose a medicament and having inlet and outlet ports and which is slightly enlarged adjacent the inlet ports, a cap closing the end adjacent to the enlarged portion of the container, and a tubular casing closed at one end and open at its opposite end to receive the ported portions of the container and adapted to be hermetically sealed by the enlarged portion of said container when the latter is placed in position in the former.

3. A device of the character described con-

sisting of a tubular container having inlet and outlet ports and which is slightly enlarged adjacent the inlet ports, a tubular casing closed at one end and open at its
5 opposite end to receive the ported portions of the container and adapted to be hermetically sealed by the enlarged portion of said container when the latter is placed in position in the former, a suitably treated
10 filler placed entirely within the container

between the inlet and outlet ports, and perforated stops in the container to hold said filler in place.

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

WILLIAM STRICKER

Witnesses:

L. J. FISCHER,
F. C. FISCHER.