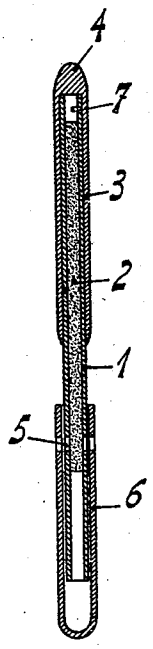
V. WINTSCH, JR.

DEVICE FOR VOLATILIZING DISINFECTANTS.

APPLICATION FILED MAY 31, 1921.

1,413,448. Patented Apr. 18, 1922.



Witnesses.

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VICTOR WINTSCH, JR., OF ZURICH, SWITZERLAND.

DEVICE FOR VOLATILIZING DISINFECTANTS.

1,413,448. Specification of Letters Patent. Patented Apr. 18, 1922.

Application filed May 31, 1921. Serial No. 474,021.

To all whom it may concern:

Be it known that I, VICTOR WINTSCH, JR., a citizen of the Swiss Confederation, residing at Zurich, Switzerland, have invented new and useful Improvements in Devices for Volatilizing Disinfectants, (for which I have filed applications in Switzerland May 25, 1920, and in Germany Nov. 29, 1920,) of which the following is a specification.

The present invention relates to new and improved means for disinfecting the respiratory tracts especially that portions thereof through which the air takes entrance in the human body.

It is well known that some of the most dangerous diseases are spread by germs propagated by the air and that especially the said organs of the human body are infested with such germs. It is further well known that disinfectants in a gaseous state are most effective to extirpate said germs in the respiratory tracts.

One object of the invention is to provide means to generate such gaseous disinfectants at any time and at any place; and a further object of the invention is to provide such means which might be carried in the pocket.

Other objects of the invention relate to the particular construction of the parts which will be more clearly set forth in the following specification.

In order that my invention may be clearly understood I have illustrated the same in the accompanying drawing wherein the novel device is shown in sectional elevation.

The device shown comprises a small tubular body 1 made of metal which contains a filling 2 of volatilizable disinfectants or germicides for instance, menthol, formaldehyde, oleum pini, oleum terebinth, remedies for asthma, either one of said means or two or more of them suitably mixed. Any means may be used which when volatilized, has the desired disinfecting action. The tubular body 1 is closed by a suitable closure 7 and is fastened with one end to a grip 6 made of wood or the like, heat insulating material, and the other end is covered with some combustible material 3 for instance sulphur, resinous substances such as guaya resin, common resin, etc. Such combustible materials are preferred which when burning give off disinfecting vapours.

The fore end of the tubular body 1 is provided with a head 4 of fulminating material which may be ignited by friction. The tube 1 is further provided with a bore 5 which passes through the grip 6.

By striking the head 4 on a suitable surface it ignites and the covering 3 burns. The heat generated thereby is transferred by the tube 1 to the filling 2 and the vapours escape through the hole 5. The vapours are inhaled. The dimensions of the device are such that a number of them may be easily carried in the pocket.

The handle 6 may be loosely mounted on the tube 1 in such a manner that the hole 5 may be closed by displacing the handle on the tube 1. The holes 5 may be dispensed with, and the handle 6 being open in this case.

While I have herein shown a single embodiment of my invention it is manifest that changes may be made in the general form and arrangement of the parts within the scope of the appended claims.

What I wish to secure by Letters Patent is:

1. A device for volatilizing disinfectants comprising a metal container, volatilizable disinfecting means in said container, combustible material on said container, means to ignite said combustible material by friction.

2. A device for volatilizing disinfectants comprising a metal container, volatilizable disinfecting means in said container, combustible material on said container, means to ignite said combustible material by friction, said container being tubular and provided with a heat insulated handle.

3. A device for volatilizing disinfectants comprising a metal container, volatilizable disinfecting means in said container, combustible material on said container, means to ignite said combustible material by friction, said container being tubular and provided with a heat insulated handle, said handle being movable on said tubular container substantially as described.

In testimony whereof I affix my signature in presence of a witness.

VICTOR WINTSCH, JR.

Witness:
CHR. MULLER.