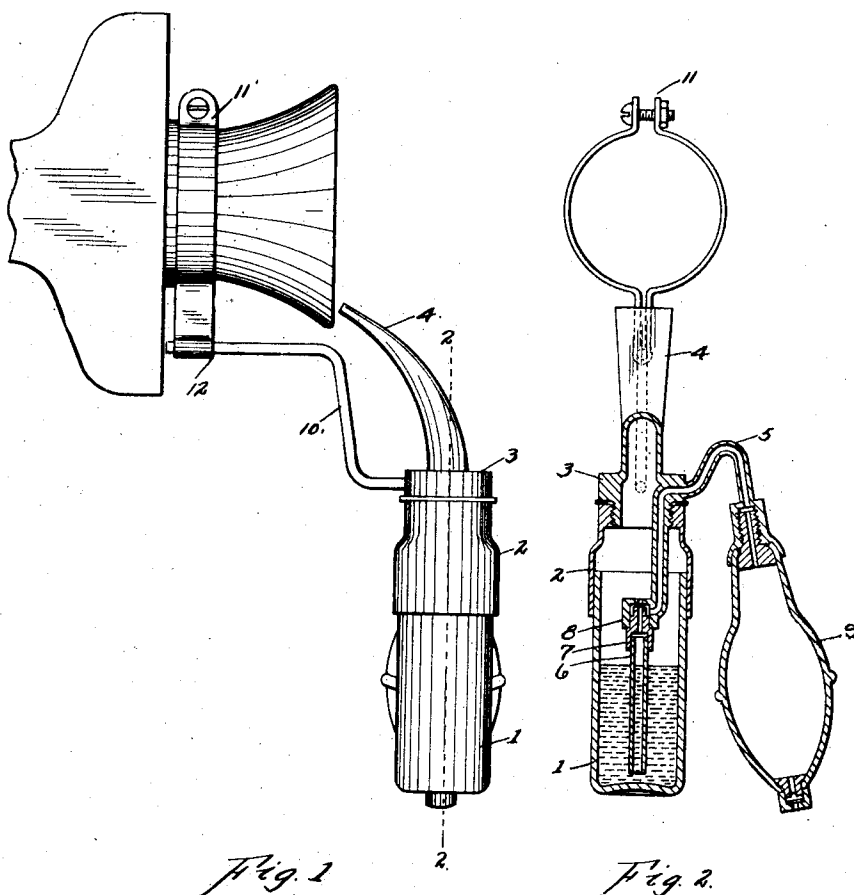


R. B. ADAMS, L. ADAMS, C. H. WELLS & H. G. PAYNE.
 DEVICE FOR DISINFECTING TELEPHONES,
 APPLICATION FILED AUG. 3, 1911.

1,095,950.

Patented May 5, 1914.



Witnesses

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UNITED STATES PATENT OFFICE.

RUSSELL B. ADAMS, LLEWELLYN ADAMS, CHARLES H. WELLS, AND HERBERT G. PAYNE, OF WESTERVILLE, OHIO.

DEVICE FOR DISINFECTING TELEPHONES.

1,095,950

Specification of Letters Patent.

Patented May 5, 1914.

Application filed August 3, 1911. Serial No. 642,064.

To all whom it may concern:

Be it known that we, RUSSELL B. ADAMS, LLEWELLYN ADAMS, CHARLES H. WELLS, and HERBERT G. PAYNE, citizens of the United States, residing at Westerville, in the county of Franklin and State of Ohio, have invented certain new and useful Improvements in Devices for Disinfecting Telephones, of which the following is a specification.

Our invention relates to an improved device for disinfecting telephones and is in the nature of an atomizing attachment for injecting a spray of disinfectant into the transmitter of a telephone.

More particularly, our invention comprises an atomizer with a nozzle of peculiar form and provided with a clamping means for clamping it in juxtaposition to the transmitter of a telephone.

Our invention is further designed to provide an atomizing attachment for the transmitter of a telephone which may be adjusted from normal position to such an extent that the disinfectant fluid may be caused to discharge on to the face and diaphragm of the receiver.

The preferred construction of our invention is shown in the accompanying drawings, in which similar characters of reference designate corresponding parts, and in which—

Figure 1 is a side elevation of our invention in attachment to the transmitter of a telephone, and, Fig. 2 is a vertical sectional view taken on line 2—2 of Fig. 1.

The atomizer desirably used in our disinfecting device, comprises a receptacle 1 having a mouth piece 2 internally threaded for the reception of a stopper 3 provided with a nozzle 4 and having an integral tube 5 extending therethrough and into the receptacle 1 where it is connected with the tube 6 through the medium of the apertured cap 7. The inner end 8 of the tube 5 is desirably of cap form and is apertured in alignment with the aperture of the intermediate cap 7. The other extremity of the tube 5 carries a bulb 9 of well known form. It will be understood that compression of the bulb causes the air to pass through the tube 5

and into the cap portion 8 thereof and through the aperture therein necessarily passing the aperture in the cap 7. There is thus produced an injector action causing a spray of disinfectant to pass out of the nozzle 4.

The atomizer is desirably supported from the telephone by the provision of an arm 10 integrally carried by the stopper 3 of the atomizer, which arm is preferably shaped to normally maintain the nozzle 4 of the atomizer in position to discharge into the transmitter mouth or mouthpiece. The arm 10 is desirably supported from the transmitter mouth by a clamping structure 11 of any preferred form, to which such arm is pivoted as at 12. It will be observed from this that, owing to the pivotal connection at 12, the atomizer may be swung into variant positions and this pivotal capability of adjustment is to enable the discharge of a spray of disinfectant on to the face and diaphragm of the receiver if so desired.

Thus it will be apparent that we have provided a compact and readily detachable structure which is normally disposed to discharge a spray of disinfectant into the mouth of the transmitter, but which is capable of ready adjustment for application of the disinfectant to the receiver.

What we claim, is—

A disinfecting attachment for telephones comprising an atomizer, a nozzle rigidly carried by said atomizer, a rearwardly and upwardly extending arm carried by said atomizer, an attaching ring embracing the mouthpiece, and an off-set portion on said ring for frictionally supporting said arm to hold said atomizer in proximity to said mouthpiece.

In testimony whereof we affix our signatures in presence of two witnesses.

RUSSELL B. ADAMS.
LLEWELLYN ADAMS.
CHARLES H. WELLS.
HERBERT G. PAYNE.

Witnesses:

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