

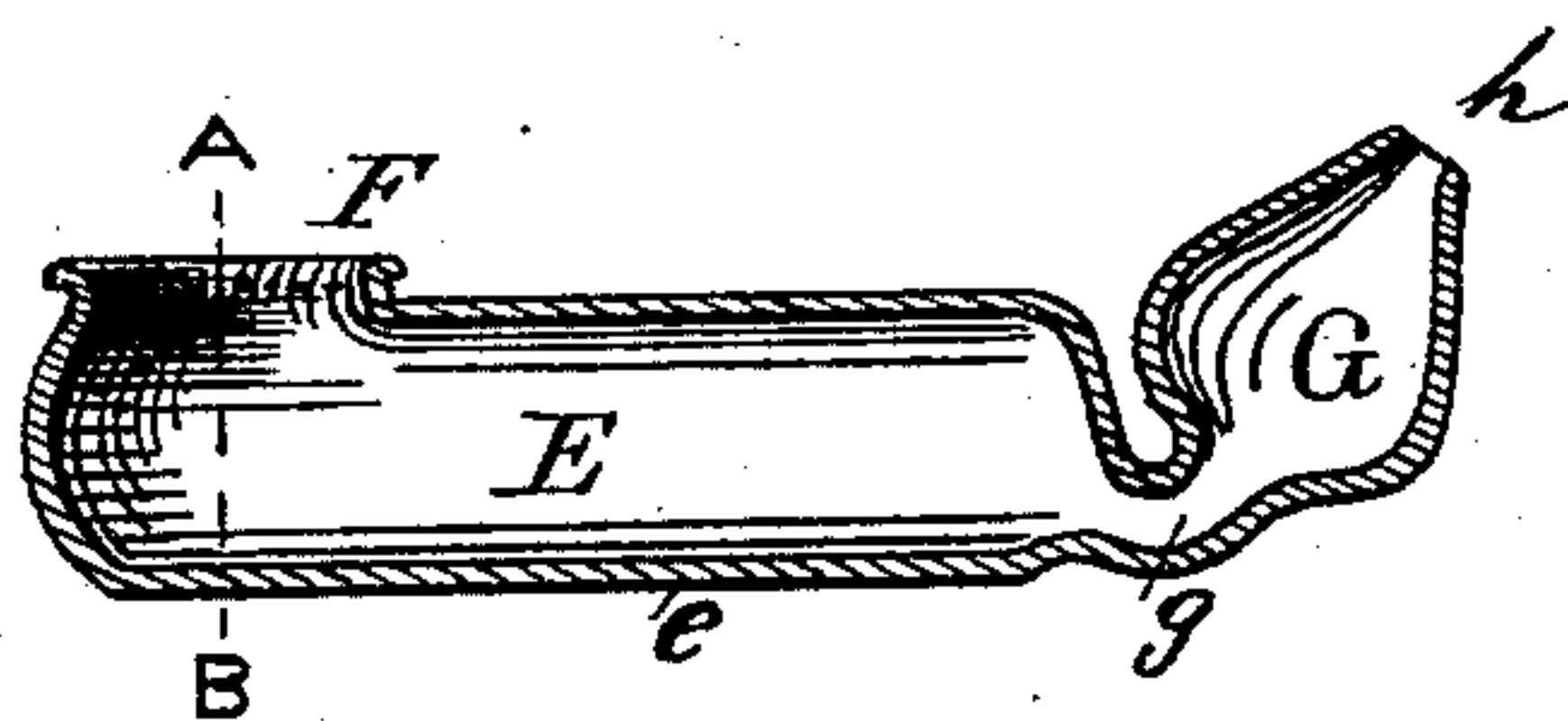
(No Model.)

J. KECK.

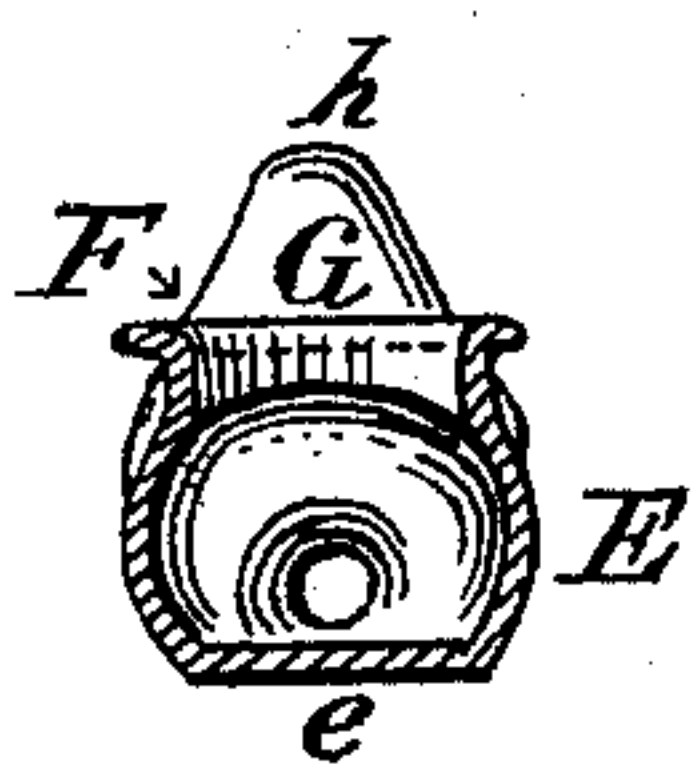
NASAL INHALER AND IRRIGATOR.

No. 285,753.

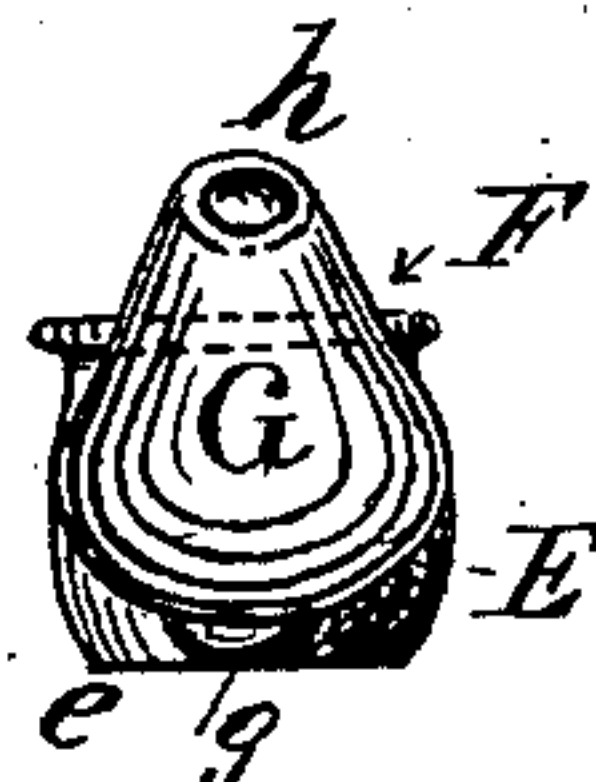
Patented Sept. 25, 1883.



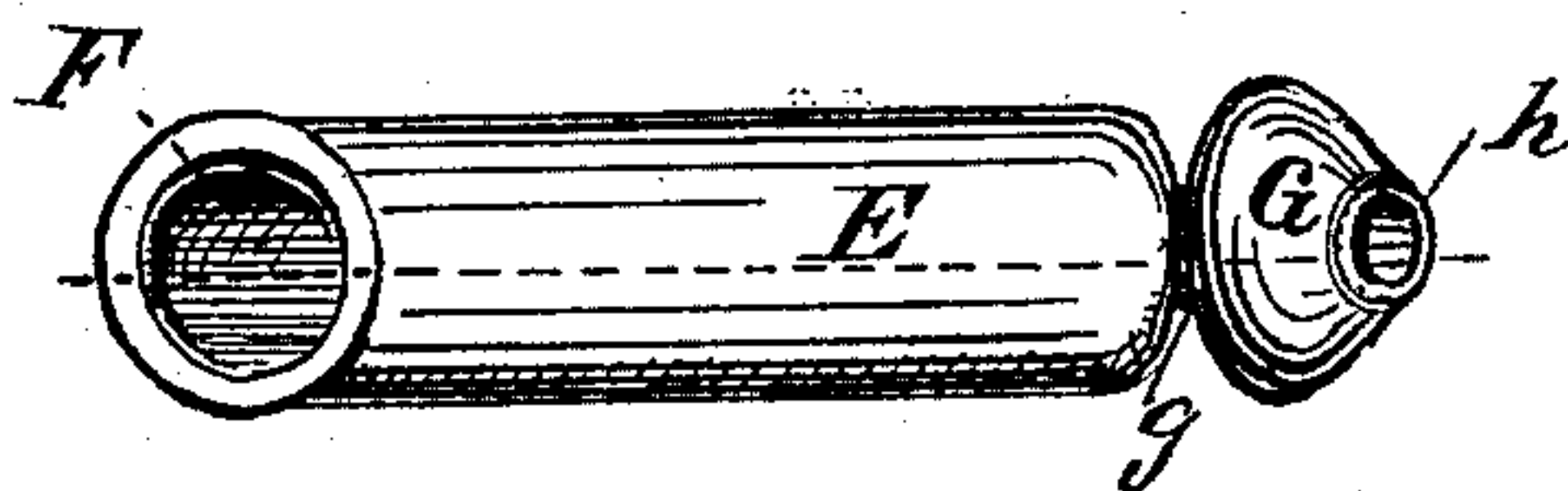
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



*Fig. 4.*

Witnesses,

*Charles W. Townsend*  
*W. D. Newbury.*

Inventor,

*James Keck*

# UNITED STATES PATENT OFFICE.

JAMES KECK, OF PORTLAND, OREGON.

## NASAL INHALER AND IRRIGATOR.

SPECIFICATION forming part of Letters Patent No. 285,753, dated September 25, 1883.

Application filed July 14, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES KECK, a citizen of the United States, and a resident of Portland, in the county of Multnomah and State of Oregon, have invented certain new and useful Improvements in Nasal Inhalers and Irrigators; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a longitudinal sectional view of my improved nasal inhaler and irrigator. Fig. 2 is a vertical cross-section of the same through line A B in Fig. 1. Fig. 3 is a front view, and Fig. 4 is a plan or top view.

Like letters of reference indicate corresponding parts in all the figures.

My invention appertains to nasal douches of the class known to the medical profession as "irrigators," although it is adapted for use also as an inhaler; and it consists in the improved construction of the same, which will be hereinafter more fully described, and particularly pointed out in the claim.

My improved nasal irrigator is made of glass in a single piece, and consists of a cylindrical body, E, having a flat bottom, e, so that it can be set upon a table or other horizontal support when not in use without spilling the contents. At one end the body E is provided with an opening, F, through which the apparatus is filled with the fluid that is to be used for irrigation, said opening being adapted to be closed by a cork or rubber plug when the apparatus is not in use. At the other end

the body E is narrowed to form a neck, g, flush with the flat bottom of the part E, as clearly shown in Figs. 1 and 3 of the drawings, and at its outer end this neck g has a pear-shaped enlargement, G, adapted to fit the nostril, with a small aperture, h, at its outer end.

The pear-shaped enlargement or nozzle G having been inserted into one of the nostrils, the other is closed by pressing the finger against it, and the fluid contained in the body E is drawn by suction up into the nasal organs, and again expelled back into the apparatus without removing it from the nose.

I am well aware that it is not new to make a nasal douche of glass in one piece and provided with a pear-shaped nozzle adapted to be inserted into the nostrils; but I am not aware that an irrigator-douche has ever been made before of the precise construction herein shown.

What I claim, and desire to secure by Letters Patent of the United States, is, therefore—

The improved nasal irrigator herein shown and described, consisting of a cylindrical glass body, E, having a flat bottom, e, and provided with the top opening, F, bent neck g, flush or on a level with the flat bottom, and pear-shaped nozzle G h, all in one piece, as and for the purpose set forth.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

JAMES KECK.

Witnesses:

WM. CULLEN GATSON,  
W. S. NEWBURY.