

J. J. Essex,

Nasal Plug.

No. 107,238.

Patented Sept. 13. 1870.

Fig. 1.

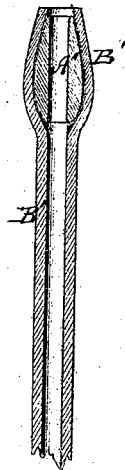
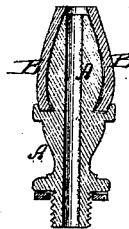


Fig. 2.



Witnesses:

Wm. F. Brooks
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United States Patent Office.

JAMES J. ESSEX, OF NEWPORT, RHODE ISLAND.

Letters Patent No. 107,238, dated September 13, 1870.

IMPROVEMENT IN ELASTIC NASAL PLUGS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, JAMES J. ESSEX, of Newport, in the county of Newport and State of Rhode Island, have invented a new and improved Elastic Nasal Plug; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figures 1 and 2 are sectional views of my improved nasal plug.

Similar letters of reference indicate corresponding parts.

The object of this invention is to improve the ordinary nasal plugs which are now in use, and to render them more practically applicable than the rigid hollow cones or plugs.

The invention consists in applying to such rigid plugs an elastic covering, which makes them in part flexible, and adaptable to different sized and shaped nostrils, and which, at the same time, retains the advantages of rigidity and durability.

A, in the drawing, represents a hollow cone or plug, made of metal or other suitable material, and secured to the rubber or other tube of a syringe, or to any other apparatus for supplying the matter to be injected.

The cone or plug may be secured, by screw or otherwise, to such tube or other apparatus.

B represents the rubber covering of such plug. It is drawn over and extends slightly beyond the end of the same, so as to make the tip rather more elastic than the other parts.

Where the cone is secured to a pipe or other apparatus, as aforesaid, the rubber covering may be short, and rest on a shoulder of the plug, or be otherwise held in place. When, however, a rubber tube, B', is arranged as a conductor of the liquid to the plug A', I prefer to simply insert the plug in the end of such tube, as is clearly shown in fig. 1, thereby obtaining the same result with less expense.

If the plug is inserted in the tube, the tube is also allowed to project beyond the end of the plug, as shown.

Having thus described my invention,

I claim as new, and desire to secure by Letters Patent—

As an article of manufacture, a nasal plug, consisting of a perforated former inserted in the end of a rubber tube, substantially as shown and described.

The above specification of my invention signed by me this 8th day of November, 1869.

JAMES J. ESSEX.

Witnesses:

GEO. W. MABEE,

ALEX. F. ROBERTS.