J. A. DOBEY.

MASK.

APPLICATION FILED MAR. 28, 1919.

1,319,273.

Patented Oct. 21, 1919.

2 SHEETS—SHEET 1.

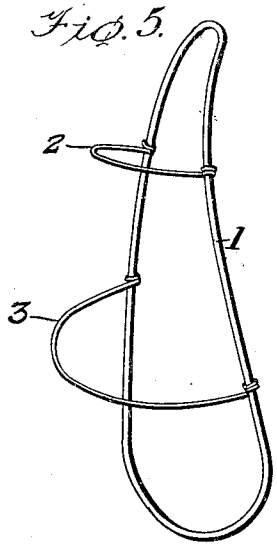


Fig. 5.

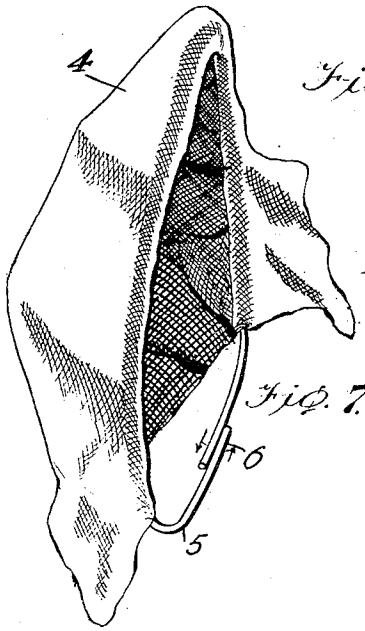


Fig. 7.

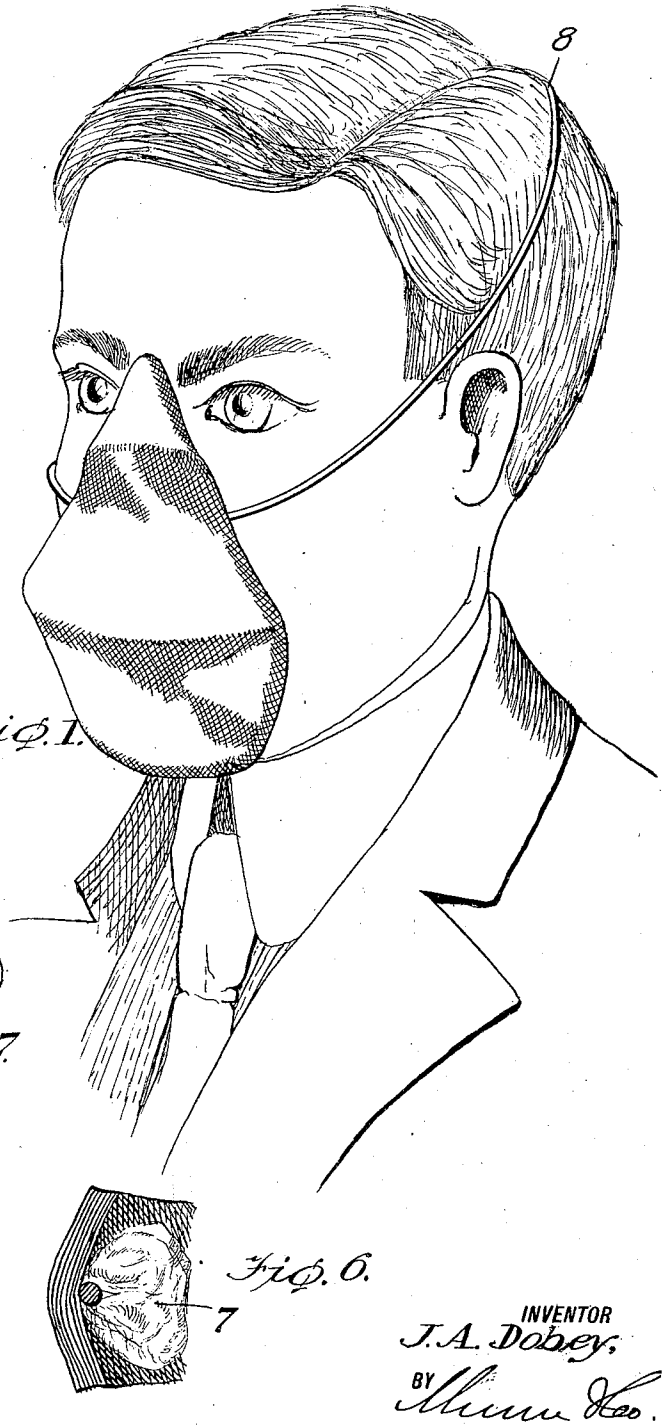


Fig. 1.

Fig. 6.

WITNESSES

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2 SHEETS—SHEET 2.

Fig. 3.

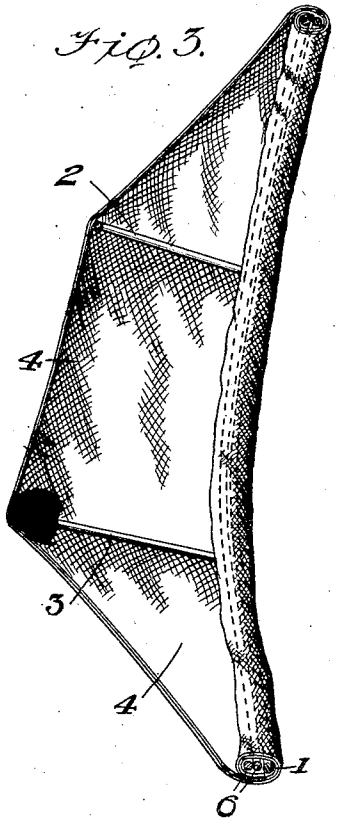


Fig. 2.

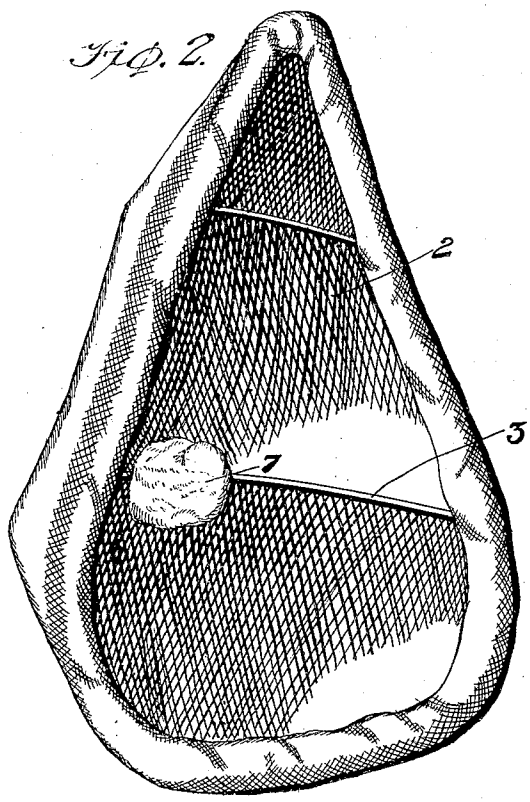
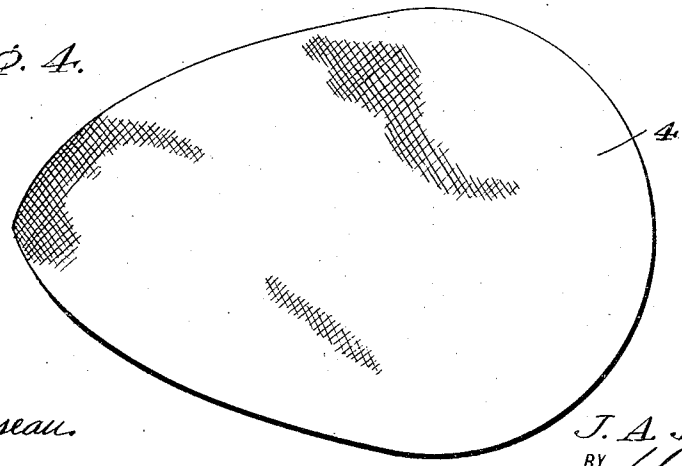


Fig. 4.



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JAMES AUGUSTUS DOBEY, OF JOHNSTON, SOUTH CAROLINA.

MASK.

1,319,273. Specification of Letters Patent. Patented Oct. 21, 1919.

Application filed March 28, 1919. Serial No. 285,765.

To all whom it may concern:

Be it known that I, JAMES AUGUSTUS DOBEY, a citizen of the United States, and a resident of Johnston, in the county of Edgefield and State of South Carolina, have made certain new and useful Improvements in Masks, of which the following is a specification.

My invention is an improvement in masks, and has for its object to provide a device of the character specified adapted for use by doctors, nurses and the like, when in the presence of patients suffering from influenza, meningitis, and other diseases communicated through discharges from the nose and mouth.

In the drawing:—

Figure 1 is a perspective view showing the improved mask in use.

Fig. 2 is a perspective view of the mask looking inside.

Fig. 3 is a side view.

Fig. 4 is a plan view of the cover.

Fig. 5 is a perspective view of the frame.

Fig. 6 is a sectional view showing the means for supporting a pledget of cotton at the nostrils.

Fig. 7 is a perspective view of the cover and its connecting frame.

In the present embodiment of the invention, a suitable supporting frame 1 is provided of oblong looped shape, the said frame being of less width at its top than at its bottom and shaped to fit from the junction of the nose with the forehead to beneath the chin.

The large end of the loop is of sufficient width to fit about the chin, and beneath the same. Cross wires 2 and 3 complete the frame, the said wires being arched as shown and arranged with the arch in the same direction. These wires 2 and 3 have their ends lapped about the loop wire 1, and they are designed to hold the cover well away from the nose and mouth to provide breathing space.

The cover 4 for the frame, which is of gauze or other suitable material, is secured to a frame 5 of wire, and also of loop shape, and shaped similarly to the loop 1. The ends of the wire which form the loop 5 are, however, loosely lapped upon each other as shown at 6 in Fig. 7, so that the loop may be enlarged to permit it to be fitted over the frame 1 and into the frame as shown in Fig. 3.

A pledget 7 of cotton or like absorbent material may be connected with the body of the arch 3, the said pledget being adapted to hold an antiseptic or the like.

The improved mask may be held on the face over the nose and mouth by means of a cord 8, which may be connected to the frame 1 at the ends of the arch 2.

In placing the cover on the frame 1, 2, 3, the frame 5 is enlarged until it will pass around the frame 1. It is then contracted until it passes through the frame 1 on the same side as the arches 2 and 3. Here the frame is released and the expansion of the same will hold the cover tightly in place. The cover is now rolled about the loop 1, and provides a soft cushion at the face.

I claim:—

1. A device of the character specified comprising a frame consisting of an oblong loop having arches extending laterally from the plane of the loop at one face thereof, a cover, a split loop with which the cover is connected, the ends of the loop being slidable upon each other and said loop being adapted to be passed over the loop of the first named frame, and through the loop of the frame to hold the cover in place.

2. A mask comprising a loop shaped frame, a cover for the frame, a split loop shaped frame to which the edge of the cover is secured, said split loop being adapted to be passed over the loop of the first named frame and through the loop and to be expanded between the loop and the body of the cover to hold the cover in place, said first named loop having arches for distending the cover.

3. A mask comprising a loop shaped frame, a cover for the frame, a split loop shaped frame to which the edge of the cover is secured, said split loop being adapted to be passed over the loop of the first named frame and through the loop and to be expanded between the loop and the body of the cover to hold the cover in place.

JAMES AUGUSTUS DOBEY.

Witnesses:

A. B. OURTS,

E. H. SMITH.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."