

J. A. D'ANDELET.

SHIELD.

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948,107.

Patented Feb. 1, 1910.

Fig. 1.

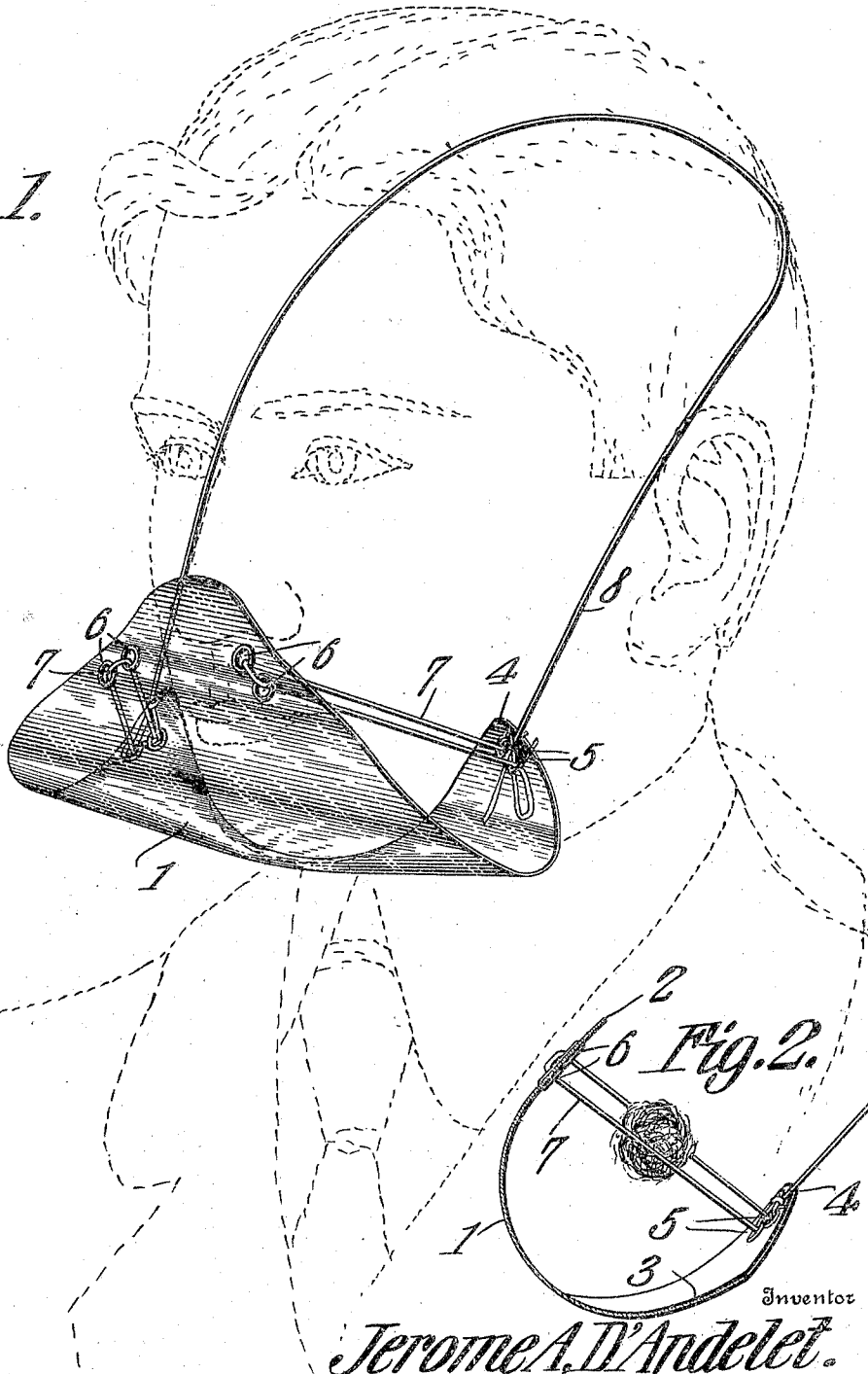


Fig. 2.

Witnesses

E. J. [Signature]
Robert S. Lawson

Jerome A. D'Andelet.

By C. A. Snow & Co.
Attorneys

UNITED STATES PATENT OFFICE.

JEROME A. D'ANDELET, OF HYATTSVILLE, MARYLAND.

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Specification of Letters Patent.

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Application filed April 21, 1909. Serial No. 491,243.

To all whom it may concern:

Be it known that I, JEROME A. D'ANDELET, a citizen of the United States, residing at Hyattsville, in the county of Prince George and State of Maryland, have invented a new and useful Shield, of which the following is a specification.

This invention relates to shields designed to be worn over the nose and mouth and which serve to deflect the exhaled breath.

The device is particularly designed for use by barbers, nurses, etc., and its use permits the face of the wearer to be held close to a customer or patient without danger of either inhaling the breath of the other.

A further object is to provide a simple and inexpensive device of this character which is durable in construction and which can be readily adjusted to fit upon the lower portion of the face.

A further object is to provide a shield of this type which can be used to hold a suitable antiseptic in the path of the air current and which can thus be used to purify the air prior to inhalation and subsequent to exhalation thereof.

With these and other objects in view the invention consists of certain novel details of construction and combinations of parts hereinafter more fully described and pointed out in the claims.

In the accompanying drawings the preferred form of the invention has been shown.

In said drawings, Figure 1 is a perspective view showing a shield in position. Fig. 2 is a section through a portion of the shield.

Referring to the figures by characters of reference 1 designates a substantially triangular body formed of transparent celluloid or other material of a springy nature, one of the corners of the body being rounded to form a bearing 2 designed to rest upon the nose of the wearer. That edge of the body opposite the bearing 2 is curved inwardly as shown at 3 to constitute a bearing designed to rest against the chin and the cheeks of the wearer, those corners of the body adjacent the ends of said curved edge forming wings 4 each of which is provided with a pair of eyelets 5. Another pair of eyelets 6 is arranged at each side of the nose portion of the body, each pair having a cord or elastic

7 extended therethrough and through the eyelets 5 located at the same side, the said cord or elastic having its ends attached together so as to enable the nose bearing and the wings 4 to be drawn toward each other and held so as to fit the face of the wearer. A cord 8 preferably formed of elastic material is secured at its ends within the eyelets 5 and is designed to extend back of the head as shown in Fig. 1.

In using the device herein described the wings 4 and the nose portion of the body are drawn together the desired distances and then held by means of the cords 7. The curved bearing edge 3 is then placed at its center under the front portion of the chin while the wings 4 assume positions upon the cheeks. The nose portion of the body bears at its edge 2 against the nose. The cord 8 is then placed back of the head and will pull upwardly and backwardly on the wings 4, causing the curved edge 3 to bear firmly against the chin and drawing action will also be transmitted by the cords 7 to the nose portion which will thus be caused to bind firmly upon the nose. When the shield is thus applied the sides thereof will form vents for the admission and outlet of the air, the shape of the shield being such as to direct the exhaled air rearwardly.

If desired, and as shown in the drawings, a sponge, wad of cotton, or the like may be inserted between the plies of each cord after being saturated with a suitable disinfectant or deodorizer. When the device is not in use it can be caused to lie flat simply by unfastening the cords 7. It will be apparent therefore that a large number of these shields can be stored in a small space.

Obviously various changes may be made in the construction and arrangement of the parts without departing from the spirit or sacrificing the advantages of the invention.

What is claimed is:—

1. A shield of the character described comprising a body having a nose bearing and cheek bearings, said body consisting of flexible material, adjustable connections between the nose and cheek bearings, and a separate attaching device connected to the body.

2. A shield of the character described

comprising a body having a nose bearing
and cheek bearings, that portion of the body
between the cheek bearings being shaped to
receive the chin of the wearer, connections
5 between the nose and cheek bearings, and
an attaching device connected to the cheek
bearings.

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

JEROME A. D'ANDELET.

Witnesses:

E. HUME TALBERT,
HERBERT D. LAWSON.