

L. A. JAROS.
 DEVICE USED IN ADMINISTERING ANESTHETICS.
 APPLICATION FILED JAN. 2, 1914.

1,128,317.

Patented Feb. 16, 1915.

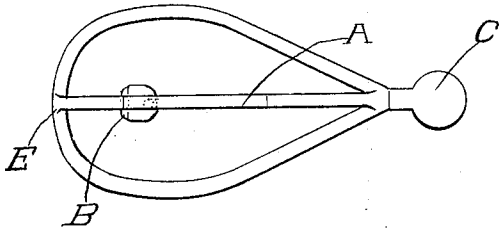


Fig. 1.

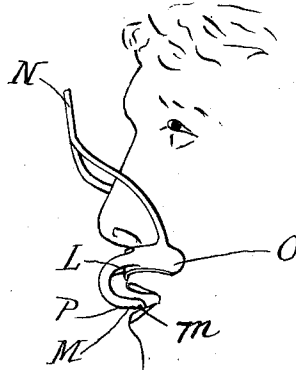


Fig. 3.

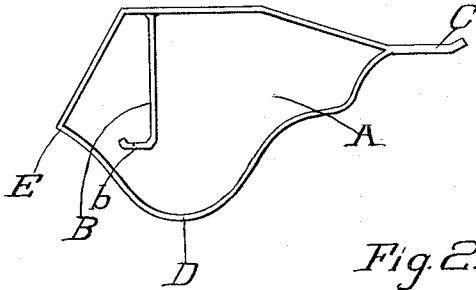


Fig. 2.

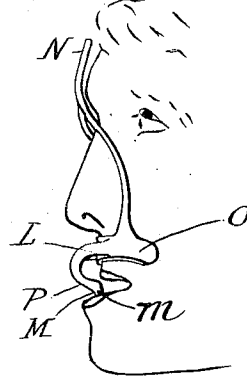


Fig. 4.

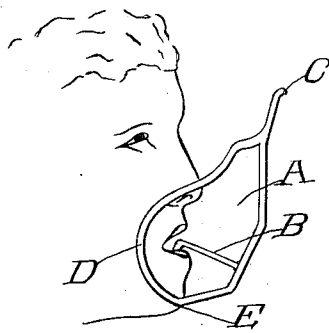


Fig. 5.

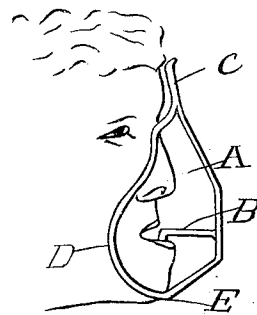


Fig. 6.

Witnesses.

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DEVICE USED IN ADMINISTERING ANESTHETICS.

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To all whom it may concern:

Be it known that I, LADISLAW A. JAROS, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Device Used in Administering Anesthetics, of which the following is a specification.

This invention relates to anesthesia masks and its prime object is to elevate and hold in suspension the lower jaw, thereby keeping the posterior portion or base of the tongue away from the posterior walls of the throat; thus leaving the air passages open and preventing what is commonly called "tongue swallowing."

In the accompanying drawings, forming a part of this specification, and in which corresponding parts are denoted by like designating characters, are illustrated the preferred forms of embodiment of the invention capable of carrying the same into practical operation; it being understood that the invention is not necessarily limited thereto as various changes in the shape, proportions, and general assemblage of the parts may be resorted to without departing from the principle of the invention or sacrificing any of its advantages.

Figures 1, 2, 5 and 6, show the invention in combination with a mask and illustrate its practical application. Figs. 3, and 4, illustrate the practical application of the invention independent of the mask.

In Figs. 1, 2, 5 and 6, A is a framework made of steel, brass or some other material. The contour of the said framework is made to fit well over the mouth and nose of the face, as shown in Figs. 5, and 6, and is adapted to have gauze, or some similar material, stretched over it. The hook B, is adapted to be dismembered from the framework A. After the framework A, is placed in position upon the face, the anesthetic applied and the patient anesthetized the said frame A, is lifted off and the member B, is put into place inside the frame, as shown in Figs. 1, 2, 5, and 6. The member B, is then passed between the lips of the patient until the portion *b*, is well under the alveolar process or teeth of the mandible. (See Fig. 5.) The adjustment and length of the said member B, is such that when the portion *b*, is placed under the alveolar process or teeth of the mandible, the end C, of the frame A, will be tilted away from the face of the patient, as shown in Fig. 5. It is now ap-

parent that a pressure exerted upon the said elevated end C, will rock the body A, upon the curves D, thus elevating the end E, of the body A, to which the said member B, is attached, which will elevate and hold suspended the lower jaw, as shown in Fig. 6. In other words, the frame A, acts like a lever with the curves D, as its fulcrum; the member B, at one end and the thumb-plate C, at the other.

In Figs. 3, and 4, is illustrated a simpler form of the invention. The member M, is passed between the lips of the patient until the portion *m* is well under the alveolar process or teeth of the mandible. (See Fig. 3). The adjustment and length of the said member M, is such that when the portion *m*, is placed under the alveolar process or teeth of the mandible, the end N of the frame L will be tilted away from the face of the patient as shown in Fig. 3. It is now apparent that a pressure exerted upon the said elevated end N, will rock the said frame L, upon the curves O, thus elevating the end P, of the body L, to which the said member M, is attached, which will elevate and hold suspended the lower jaw, as shown in Fig. 4. In other words, the frame L, acts like a lever with the curves O, as its fulcrum; the member M, at one end and the thumb-plate N, at the other.

Claims:

1. In a device of the class described, the combination of a hook shaped member protruding into the mouth of the patient, under and against the alveolar process, or teeth of the mandible, with a framework shaped to fit well over the face and adapted to lift and bring forward the said hook shaped member for the purpose specified.

2. In an anesthesia mask a hook shaped member extending into the mouth behind and against the alveolar process or teeth of the mandible and means for lifting and bringing forward the said hook, substantially as described.

3. In a device of the class described a framework shaped to fit over the mouth and nose of the patient and a hook adapted to be lifted and brought forward by said framework; the said hook adapted to extend into the mouth of the patient under the alveolar process or teeth of the lower jaw, substantially for the purpose specified.

4. In a device of the class described a hook shaped member adapted to extend into the

mouth of the patient behind the alveolar process or teeth of the mandible and a framework shaped to fit over the mouth and nose of the patient, and adapted to bring upward and forward the said hook-shaped member, substantially for the purpose specified.

5. In a device of the class described the combination of a hook, adapted to pass into the mouth against the alveolar process or

teeth of the lower jaw, with a member shaped to fit over the face and act as a lever to bring upward and forward the said lower jaw.

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Witnesses:

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