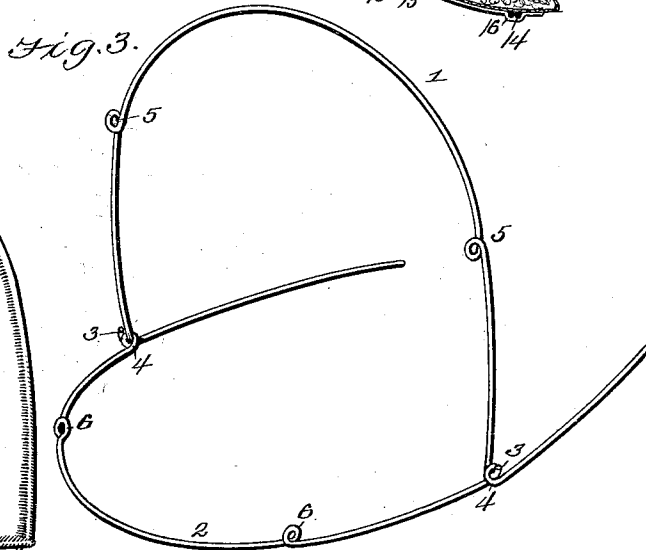
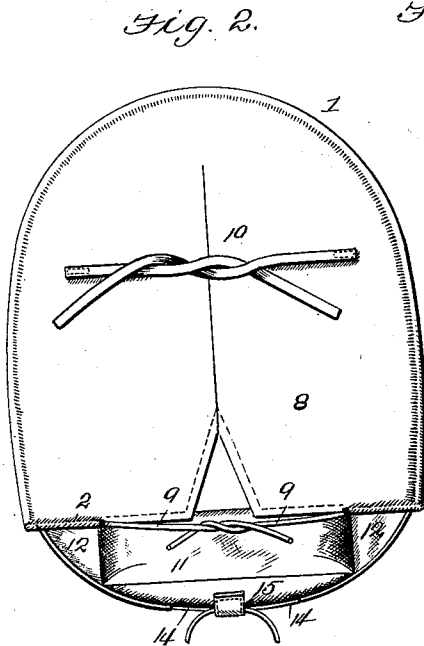
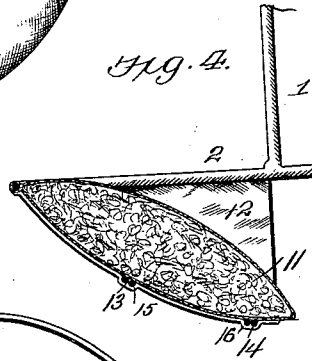
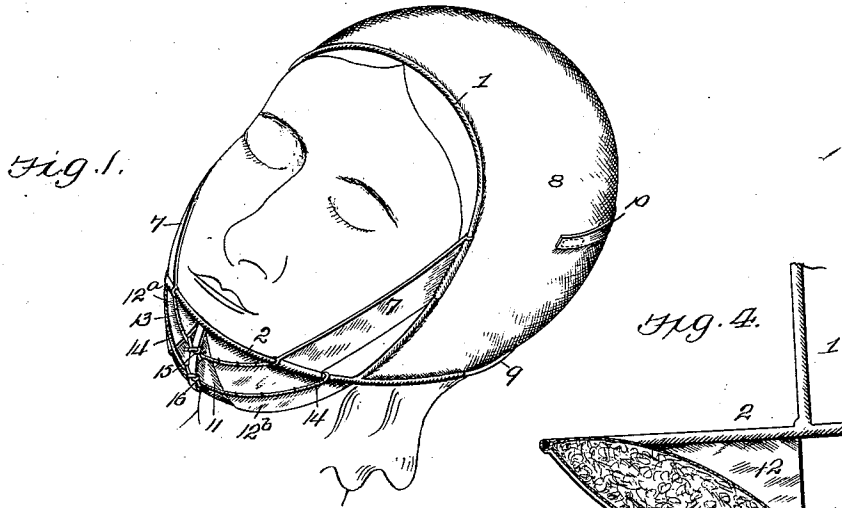


(No Model.)

R. JACKS.
BANDAGE.

Patented Aug. 6, 1895.

No. 544,062.



Inventor

Richard Jacks.

Witnesses

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By *his* Attorneys.

C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

RICHARD JACKS, OF QUINCY, CALIFORNIA.

BANDAGE.

SPECIFICATION forming part of Letters Patent No. 544,062, dated August 6, 1895.

Application filed December 15, 1894. Serial No. 531,966. (No model.)

To all whom it may concern:

Be it known that I, RICHARD JACKS, a citizen of the United States, residing at Quincy, in the county of Plumas and State of California, have invented a new and useful Sanitary Hood, of which the following is a specification.

My invention relates to a sanitary hood or night-cap adapted to be worn in sleep to hold the mouth closed and cause breathing to be accomplished through the nostrils, or in accordance with nature, and, furthermore, to provide improved means whereby the lower jaw is held in a natural position without unnecessary restraint and without interfering with opening the mouth when it is desirable.

Further objects and advantages of the invention will appear in the following description, and the novel features thereof will be particularly pointed out in the appended claims.

In the drawings, Figure 1 is a perspective view of a hood embodying my invention. Fig. 2 is a rear view. Fig. 3 is a view of the frame relieved of the fabric and connections which are attached thereto. Fig. 4 is a detail vertical section through the chin-pad and the contiguous portions of the hood.

Similar numerals of reference indicate corresponding parts in all the figures of the drawings.

1 designates a head or temple loop, preferably formed of wire having sufficient pliability to provide for bending to accurately conform to the shape of the head of the wearer, and hinged or pivotally connected to the extremities of the said loop or the sides of a horizontal or chin loop 2, the free ends of which are adapted to approach each other at the back of the lower portion of the head or neck. The pivotal connection between the temple-loop and the chin-loop is formed by interlocking eyes 3 and 4 in the wire forming said loops. The temple-loop is provided at each side with an additional eye 5 and the chin-loop is provided in front of its pivotal point with similar eyes 6, and connecting the temple loop with the chin-loop in advance of its pivotal point, and attached at their extremities to said eyes 5 and 6, are the contractile or elastic straps 7. The rear portion of the frame thus constructed is provided with a covering 8 of fabric to en-

velop the rear portion of the head of the wearer, said covering being secured at its front edge to the temple-loop and at its lower edge to the portion of the chin-loop in rear of its pivotal point. Adjusting cords or tapes 9 are attached to the rear ends of the horizontal or chin loop and additional cords or tapes 10 are secured to the covering near the top thereof, said cords or tapes being adapted to be tied at the rear of the neck and head, respectively, to cause the covering to fit the head snugly and prevent the hood from slipping forward.

Attached at its upper end to the center of the front portion of the chin-loop is a chin-pad 11 adapted to bear against the chin of the wearer and thus form a cushion to avoid inconvenience or discomfort, said pad being held to its place by means of a supporting-apron 12. This apron is divided at its center to form the opposite side flaps of curtains 12^a and 12^b, having the upper and lower cords or tapes 13 and 14, which extend through keepers 15 and 16 on the outer side of the pad and are adapted to be tied to support the pad with the desired pressure against the chin of the wearer.

When the parts are adjusted to cause the pad to bear with an easy and firm pressure against the chin, the lower jaw of the wearer is held in its natural position without muscular effort, whereby when the muscles are relaxed, as in sleep, the falling of the jaw is prevented. At the same time the wearer may open the mouth by overcoming the resistance offered by the contractile or elastic straps which connect the chin to the temple-loop.

The sanitary advantages to be derived by maintaining the mouth closed and breathing through the nose in sleep are too well known to require enumeration, it being an acknowledged fact that many of the pulmonary troubles and diseases are due to breathing through the mouth in sleep, and it being an incontestable fact that it is this breathing through the mouth which causes snoring and results in dryness of the throat, the mouth, and lips.

It will be obvious that the covering, pad, apron, and similar parts of the hood may be made of any desirable fabric or flexible ma-

terial, either plain or ornamental, to suit the taste of the wearer.

In practice various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

Having described my invention, I claim—

1. In a device of the class described, the combination of a frame having a temple-loop, adapted to extend over the front of the head, a chin-loop having its sides pivotally connected at intermediate points to the extremities of the temple-loop, and adapted to extend around the back of the head, a contractile or elastic strap connecting the front portion of the chin-loop with the sides of the temple-loop, to hold the loops normally in perpendicular planes, and a pad carried by the chin-loop to support the lower jaw of the wearer, substantially as specified.

2. In a device of the class described, the combination with a frame having temple and chin-loops, and means for securing them upon the head of a wearer, of a pad to support the lower jaw of the wearer, an apron attached to the chin-loop for supporting the pad, and means for vertically adjusting the intermediate portion of the apron to vary the pressure of the pad, substantially as specified.

3. In a device of the class described, the combination with connected temple and chin-loops, and means for securing them to the head of a wearer, of a pad to support the lower jaw of the wearer, an apron having opposite flaps connected at their outer ends to the chin-loop and extending under the pad, keepers or loops on the outer surface of the pad, and cords or tapes attached to the free

edges of the flaps, extending through said keepers or loops, on the pad and adapted to be tied beneath to support the pad in the desired position to exert the requisite pressure against the jaw, substantially as specified.

4. In a device of the class described, the combination of pivotally connected temple and chin-loops constructed of pliable metal, whereby they may be bent to conform to the head of the wearer, contractile or elastic straps connecting the front portion of the chin-loop to an intermediate part of the temple-loop, means for securing said loops in operative positions upon the head, and a pad carried by the chin-loop for supporting the lower jaw, substantially as specified.

5. The combination of a temple-loop, a chin-loop pivotally connected at its sides to the extremities of the temple-loop and extending in rear thereof, cords or tapes attached to the extremities of the chin-loop and adapted to be tied in rear of the head of the wearer, contractile or elastic straps connecting the front portion of the chin-loop to an intermediate part of the temple-loop, a pad supported by the chin-loop to bear against the lower jaw, a covering of fabric attached at its front edge to the temple-loop and at its lower edge to the rear portion of the chin-loop, and cords or tapes for taking up the slack of the covering, substantially as specified.

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

RICHARD JACKS.

Witnesses:

J. H. WHITLOCK,
J. H. HOUCK.