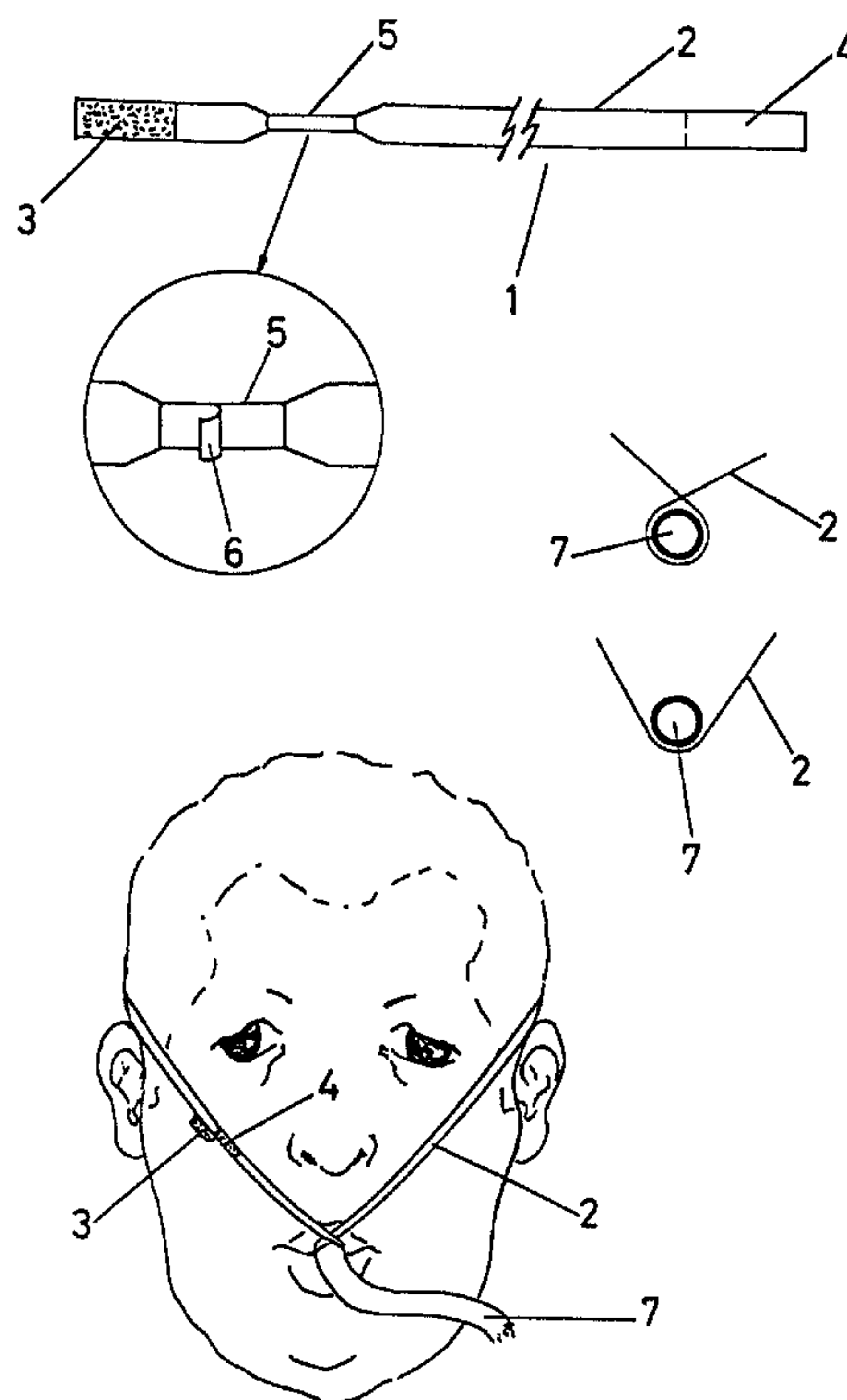




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(54) Titre : ELEMENT DE FERMETURE POUR TUBE ENDOTRACHEAL
(54) Title: ENDOTRACHEAL TUBE FASTENING COMPONENT



(57) Abrégé/Abstract:

A fastening component for endo-tracheal tubes consisting of a rectangular cloth tape having at its ends, adhesive portions of hook and loop fasteners, such as Velcro™ fasteners, defining the respective closure, whilst on the tape there is a side area with adhesive over which the endo-tracheal tube is arranged, the two parts of the tape crossing around the tube and then the tape is fixed around the patient's head.

ABSTRACT

A fastening component for endo-tracheal tubes consisting of a rectangular cloth tape having at its ends, adhesive portions of hook and loop fasteners, such as Velcro™ fasteners, defining the respective closure, whilst on the tape there is a side area with adhesive over which the endo-tracheal tube is arranged, the two parts of the tape crossing around the tube and then the tape is fixed around the patient's head.

ENDOTRACHEAL TUBE FASTENING COMPONENT

The purpose of this invention is an endo-tracheal tube fastening component.

5 The novelty of the invention lies in the constructive aspect and its use for fastening endo-tracheal tubes.

The component of the invention rectifies the problems arising in the use of this type of tube.

10 Hence, the purpose of the invention is used for health purposes provided endo-tracheal intubation exists (operating theatres, ICU, emergencies, ambulances, medical aeroplanes and helicopters or any other place in which advance cardiopulmonar resuscitation is performed).

The component is of a single use, hence disposable every time the fastening component has to be changed.

15 According to the invention, the component is a tape, preferably of cotton with two sewn hook and loop fasteners, such as Velcro™ fasteners, end portions arranged in opposite directions, such that when the tape rotates, they overlap and fix the ends.

The tape has an adhesive material area, also fastened by sewing, which is stuck to the tube at the lower part or around it.

20 This adhesive material carries a protector which is easily removed when the component is used.

The component may be used as described below:

- The protective paper of the adhesive is removed.
- The adhesive part is made to match with the lower part of the endo-tracheal tube.
- 25 - The two fastening parts of the component cross at the upper part of the tube.
- The longest part of the fastening, is made to pass behind the patient's head and above his/her ears.
- The two ends with Velcro are fastened.

30 To understand both the construction and the use of the component of the invention, an example of execution is shown below for illustrative purposes only and in no case limiting the scope thereof, as indicated in the attached drawings, where:

Figure 1 shows an elevation view of the open component.

Figure 2 shows an extended detail of the component adhesive area.

Figure 3 shows several views of how the component is fixed to the endo-tracheal tube.

Figure 4, shows a view of the component use.

With reference to the drawings, component 1 of the invention is shown.

5 The component 1 consists of a rectangular cloth tape 2.

The tape 2 has at its end areas, portions of Velcro adhesive 3 and 4.

The tape 2 also has a portion 5 with adhesive material fitted with a protector 6, which is easily detachable.

10 As maybe seen in figure 3, the tube 7 is arranged over the portion 5 and after crossing the two sections of the tape, it is positioned as shown in figure 4 and fastened by the Velcro portions 3 and 4.

CLAIMS

5 1.- Fastening component for endo-tracheal tubes, characterised because it consists of a rectangular cloth tape having at its ends, adhesive portions of Velcro defining the respective closure, whilst on the tape there is a side area with adhesive over which the endo-tracheal tube is arranged, the two parts of the tape crossing around the tube and then the tape is fixed around the patient's head.

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