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United States Patent [19]

Bradley et al.

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[54] **ENDOTRACHEAL TUBE FIXATION DEVICE AND METHOD OF USING THE SAME**

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[21] Appl. No.: **520,934**

Shahrbanoo, et al., "Use of a palatal stabilizing device in prevention of palatal grooves in premature infants" Critical Care Medicine vol. 18 No. 7, 1279-1281 (Jul., 1990).

[22] Filed: **Aug. 31, 1995**

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[51] Int. Cl.⁶ **A61M 16/00**

[52] U.S. Cl. **128/200.26; 128/207.14; 128/207.15; 128/206.29**

[58] Field of Search **128/200.26, 207.14, 128/207.15, 206.25, 206.29**

[57] ABSTRACT

A medical device for internally maintaining by means of an oral adhesive composition an endotracheal tube in proper position in a patient's mouth and protecting the patient from endotracheal intubation associated injury, as well as subsequently permitting adjustment of the endotracheal tube relative to the device. The device has a heat-sensitive moldable polymer on its superior surface for adaptation to individual patient's oral cavities. The invention also prevents endotracheal tube occlusion from patient jaw closure, and is particularly well-adapted for patients suffering from facial burns, dermatitis, or cleft palate syndrome. A method of using the device is also disclosed.

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19 Claims, 1 Drawing Sheet

