

US005752511A

United States Patent [19]

[51] Int. Cl.⁶ A61M 15/08

[58] Field of Search 128/206.11, 206.14,

References Cited

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U.S. Cl. 128/207.18; 128/206.11;

128/206.14; 128/DIG. 26

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[11] **Patent Number:**

[45] **Date of Patent:** May 19, 1998

5,752,511

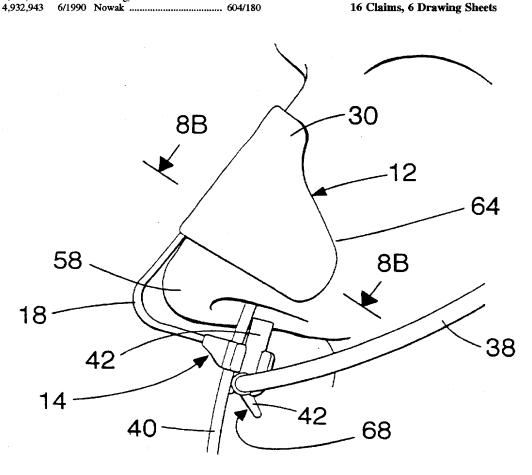
[54]	UNIVER!	SAL MEDICAL TUBE RETAINER	4,986,815	1/1991	Schneider 604/180
	AND NASAL WALL TISSUE DILATOR		5,097,827	3/1992	Izumi 128/207.18
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[76]	Nolensville, Tenn. 37135; Robert N. Sadler, 3713 Sycamore Ln., Nashville,	Carl J. Simmons, P.O. Box 668.	5,156,641	10/1992	White 128/207.18
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[21]	Appl. No.: 755,404				
[22]	Filed:	Nov. 22, 1996	Primary Examiner—Aaron J. Lewis		

Attorney, Agent, or Firm-Elman & Associates

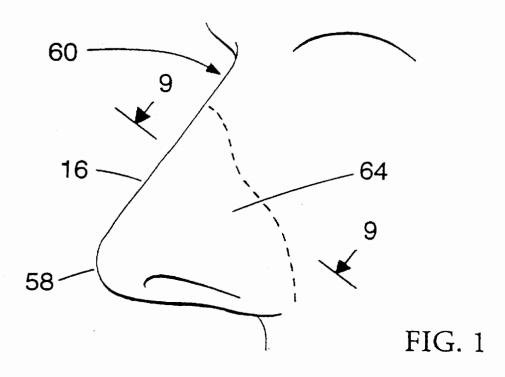
[57] **ABSTRACT**

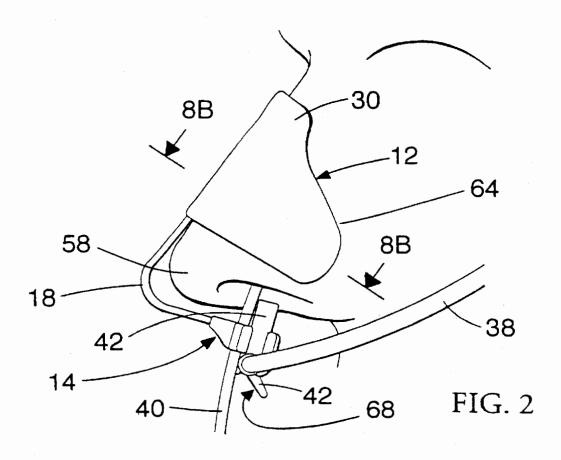
A method for expanding the volume of interior nasal air passages (65 and 67) by introducing separating forces in anatomical outer nasal wall tissues (62 and 64) to enhance oxygen flow and minimize obstruction caused by the presence of nasally inserted medical tubing, which further supports and retains various combinations of oxygen cannula (68), a nasogastric suction tube (35), or an enteral feeding tube (40). This method includes a device containing a clip assembly (14), adjustable arm (18) and dilator patch assembly (12). The primary purposes of this method are to reduce incidence of secondary infection, increase efficacy of oxygen therapy and improve patient comfort.

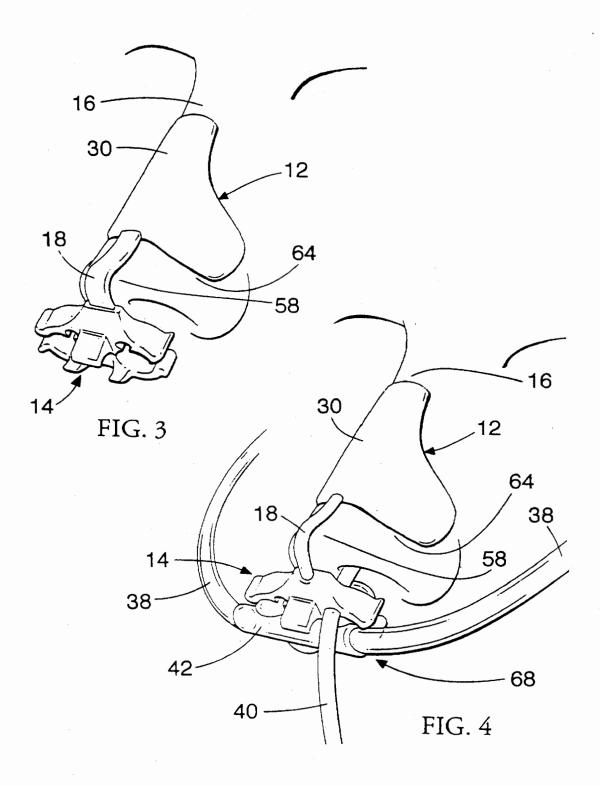
16 Claims, 6 Drawing Sheets

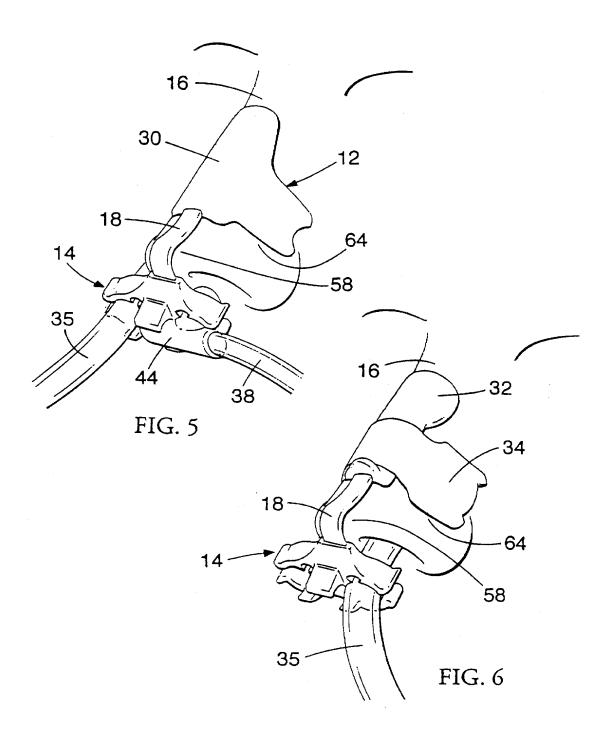




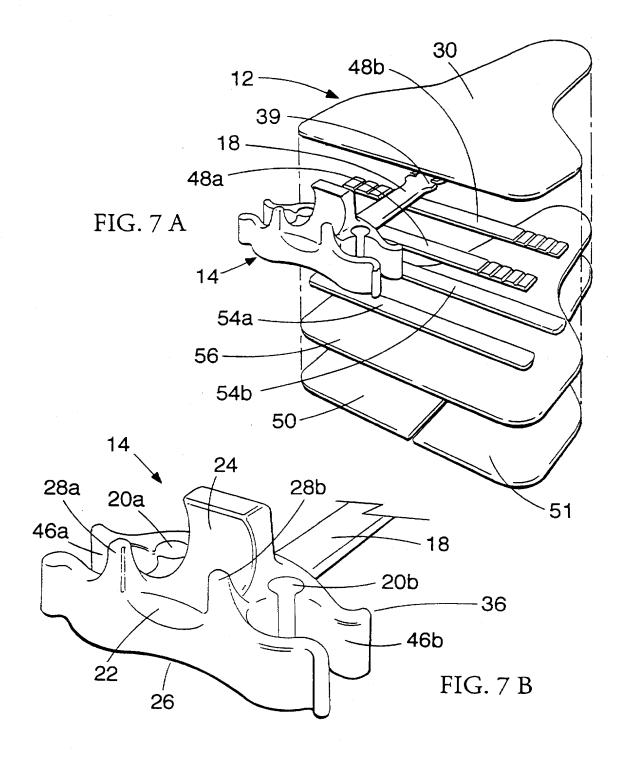








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