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(54) Title: METHOD AND APPARATUS FOR EVACUATING NITROUS OXIDE



(57) Abstract: An anesthetic gas scavenging system (10) is provided. The system includes a housing having one or more apertures (70) placed proximate to a patient's mouth and a vacuum source interconnected with the housing for excavating anesthesia exhaled by the patient. The housing can take the form of a circular tube (20) and can be positioned to rest about a patient's neck. The housing can have closed ends (30) attachable together about a patient's neck. Alternatively, the housing can take on other desired shapes, and can be suspended on a strap about a patient's neck to rest on the patient's chest.

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/23556

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : A62B 7/10, 19/00, 23/02

US CL : 128/205.12, 205.19, 910

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 128/205.12, 205.19, 910

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
NONE

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,715,813 A (GUEVREKIAN) 10 FEBRUARY 1998, SEE FIG.1 AND COL.5, LINES 10-15 AND LINES 57-59)	1-3,5-10,12-21
Y	US 3,955,570 A (HUTTER, III) 11 MAY 1976, SEE FIGS.1 AND 3 AND ELEMENTS #58, 78, 80	1,3,5,8,10,12,13,16-18,21
Y	US 4,151,843 A (BREKKE ET AL.) 01 MAY 1979, SEE FIG.1 AND COL.3, LINES 39-43.	14,15

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	"T"
"A" document defining the general state of the art which is not considered to be of particular relevance	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

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