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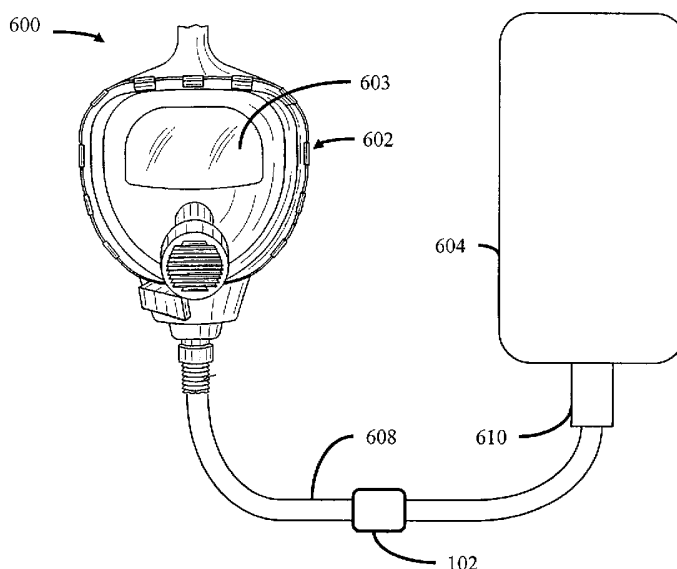
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[Continued on next page]

(54) Title: WIRELESS HEADS-UP DISPLAY FOR A SELF-CONTAINED BREATHING APPARATUS



(57) Abstract: A system and method of providing a wireless heads-up display for displaying the amount of breathing gas remaining in an associated breathing gas supply is provided. The system has a transmitter and a receiver. The transmitter has a pressure sensor (112) and a controller (106) for interpreting the sensed pressure into levels indicative of the amount of breathing gas remaining in the breathing gas supply. These levels are transmitted via radio frequency to the receiver. The receiver, which can be mounted in a breathing mask (602), includes a display (702) for displaying the amount of breathing gas remaining in the associated breathing gas supply.



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : B63C 11/02; G08B 23/00

US CL : 128/201.27, 201.24, 204.21 205.23, 202.22; 340/500,525

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. : 128/201.27, 201.24, 204.21 205.23, 202.22; 340/500,525

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,334,440 B1 (Cochran) 01 January 2002 (01.01.2002), See column 4, lines 6-52; columns 5-6.	1-4, 7, 9-17
A	US 6,310,552 B1 (Stumberg et al) 30 October 2001 (30.10.2001), See entire document.	1-17
A	US 6,095,142 A (Giorgini) 01 August 2000 (01.08.2000), See entire document.	1-17
A	US 6,032,644 A (Gray et al.) 07 March 2000 (07.03.2000), See entire document.	1-17
A	US 5,860,418 A (Lundberg) 19 January 1999 (19.01.1999), See entire document.	1-17
X	US 5,570,688 A (Cochran et al) 05 November 1996 (05.11.1996), See columns 3-4.	1-4, 7, 9-17
A	US 5,097,826 A (Gray et al) 24 March 1992 (24.03.1992), See entire document.	1-17
X	US 4,949,072 A (Comerford et al.) 14 August 1990 (14.08.1990), See columns 4-7.	1-3, 9-14, 16, 17
X	GB 2283333 A (Irvine) 03 May 1995 (03.05.1995). See entire document.	18, 19



Further documents are listed in the continuation of Box C.



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"X"

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document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

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INTERNATIONAL SEARCH REPORT

PCT/US03/26063

Continuation of B. FIELDS SEARCHED Item 3:
EAST

mask battery mount bracket display