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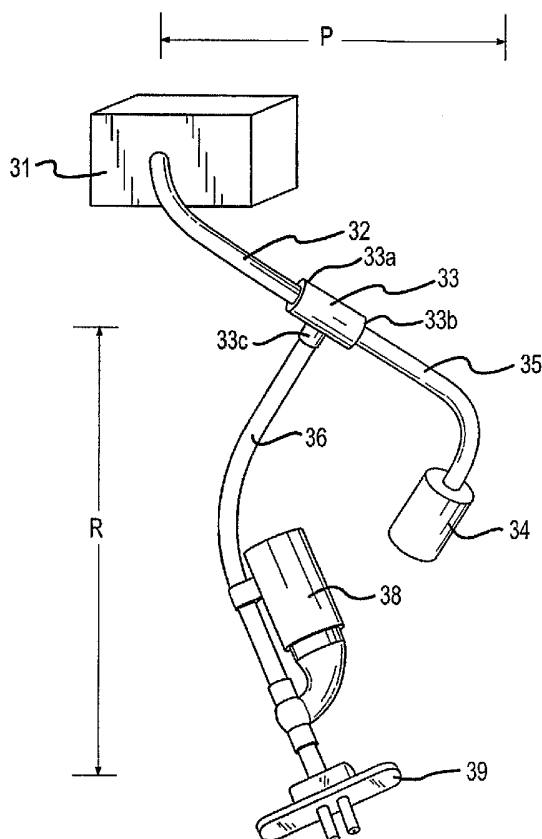
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[Continued on next page]

(54) Title: AEROSOL DELIVERY APPARATUS FOR PRESSURE ASSISTED BREATHING

(57) Abstract: Improved pressure-assisted breathing systems
are provided for the delivery of aerosolized medicaments. In
addition, methods and compositions are provided for the treat-
ment of respiratory diseases.





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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/13488

A. CLASSIFICATION OF SUBJECT MATTER

IPC (8): A61M 15/00(2006.01),16/00(2006.01),16/10(2006.01);A62B 7/00(2006.01);F16K 31/02.

USPC: 128/203.12,204.18,204.21,204.23

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. : 128/203.12, 204.18, 204.21, 204.23

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
NONEElectronic 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.
X	US 4,020,834 A (BIRD) 03 MAY 1977, SEE FIG.1.	1,2,11,32-34,41,62
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Y		5,8-10,12-14,17-21,24-26,28-31,39,40,42-49,54-59,64-66,68,70-98
Y	US 6,615,824 A (POWER) 09 SEPTEMBER 2003, SEE COL.12, LINES 26-34.	5,8-10,12,13,19,21,39,40,42,56,70,74,75,97
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Y	US 3,812,854 A (MICHAELS ET AL.) 28 MAY 1974 SEE COL.6, LINES 29-57.	57-59,64-66,68,72,73,76-78,97



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See patent family annex.

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"E"	earlier application or patent published on or after the international filing date	"Y"	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
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&"	document member of the same patent family
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"P"	document published prior to the international filing date but later than the priority date claimed		

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C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Y		93-98
X	5,485,850 A (DIETZ) 23 JANUARY 1996, SEE FIGS.11,12.	47
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Y		44,48,49,54-56