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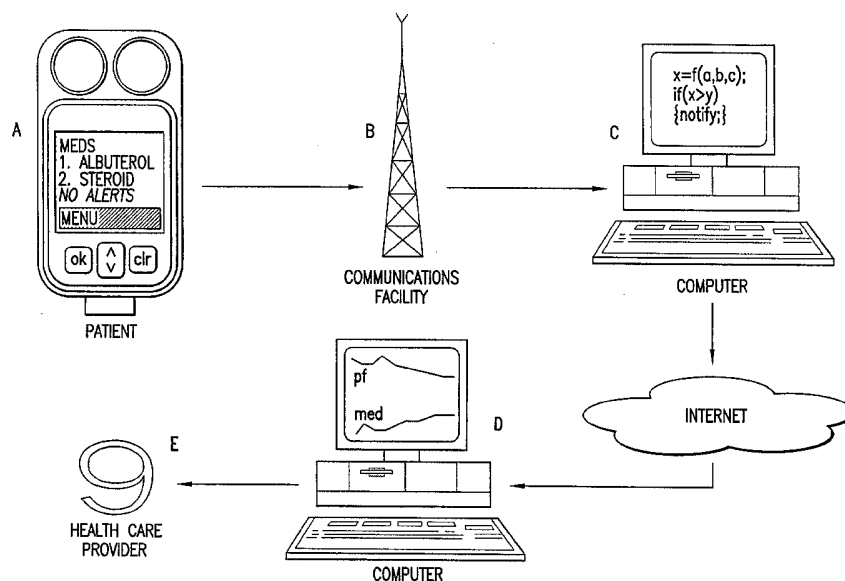
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(54) Title: INHALATION DEVICE AND SYSTEM FOR THE REMOTE MONITORING OF DRUG ADMINISTRATION



(57) Abstract: The present invention is directed to a device for monitoring the usage of inhaled drugs by a patient. The device includes an inhaler (1), a use sensor (8), a microprocessor, a wireless transmitter and a battery compartment. These components allow information concerning drug usage to be transmitted to health care personnel that can evaluate the data to determine whether there are changes in drug usage characteristics that are indicative of an impending acute attack. The invention includes not only the device, but also the systems and methods in which the device is employed.

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International application No.

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**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : A61M 11/00  
 US CL : 128/200.23,200.14,204.23,205.23

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. : 128/200.23,200.14,204.23,205.23

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)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,202,642 B1 (McKinnon et al) 20 March 2001 (20.03.2001), See entire document.	1-4, 8-11
Y	US 6,125,844 A (Samiotes) 03 October 2000 (03.10.2000), See entire document.	1-3, 8-11
X	US 5,363,842 A (Mishelevich et al) 15 November 1994 (15.11.1994), See entire document.	1-5, 8-11
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Y		6-7, 12-14
A	GB 2,262,452 A (Minnesota Mining and Manufacturing Company) 23 June 1993 (23.06.1993), See entire document.	

Further documents are listed in the continuation of Box C.

See patent family annex.

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"P" document published prior to the international filing date but later than the priority date claimed	"&" document member of the same patent family

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