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- (71) Applicant (for all designated States except US): **GLAXO GROUP LIMITED** [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **WALKER, Dwight, Sherod** [US/US]; Glaxosmithkline, Five Moore Drive, P.O. Box 13398, Research Triangle Park, NC 27709 (US).
- (74) Agents: **LEVY, David, J.** et al.; GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, Research Triangle Park, NC 27709 (US).
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(54) Title: MICROELECTROMECHANICAL SYSTEM AND METHOD FOR DETERMINING TEMPERATURE AND MOISTURE PROFILES WITHIN PHARMACEUTICAL PACKAGING

(57) Abstract: A sensor system for determining at least one environmental condition within pharmaceutical (13) packaging comprising a base sheet with at least one pocket formed therein, a lid (11) sheet having a pocket portion, the pocket portion being disposed proximate the pocket when the lid sheet is bonded to the base sheet; and a microelectromechanical (MEMS) sensor (21) disposed proximate the pocket portion.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/15008

A. CLASSIFICATION OF SUBJECT MATTER
 IPC(7) : G01B 7/00
 US CL : 73/774, 777; 206/531, 534
 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. : 73/774, 777; 206/531, 534

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)
 USPAT EAST

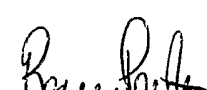
C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4,778,054 A (NEWELL et al) 18 October 1988 (18.08.1988), see whole document.	1
Y	US 4,811,731 A (NEWELL et al) 14 March 1989 (14.03.1978), see whole document.	1
Y	US 6,128,961 A (HARONIAN) 10 October 2000 (10.10.2000), see whole document.	1-16
Y	US 6,155,423 A (KATZNER et al) 05 December 2000 (05.12.2000), see whole document.	1
Y	US 6,255,962 B1 (TANENHAUS et al) 03 July 2001 (03.07.2001), see whole document.	1-16

Further documents are listed in the continuation of Box C. See patent family annex.

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"O" document referring to an oral disclosure, use, exhibition or other means		
"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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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230	Authorized officer ANDRE JACKSON Telephone No. (703) 308-0956 
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