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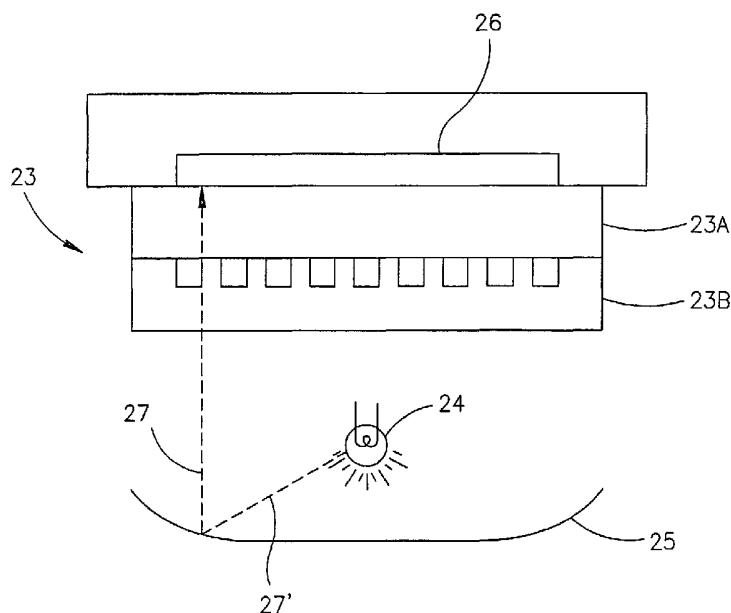
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(54) Title: A SYSTEM AND METHOD FOR DETERMINING IN VIVO BODY LUMEN CONDITIONS



(57) Abstract: The present invention relates to the field of in vivo diagnostics. More specifically, the present invention relates to a system and a method for the in vivo and in-situ detection of chemical and/or biological substances and for the in vivo detection of physical conditions in body lumens. Figure 1 shows interaction chambers (22), formed by a slab of glass (23), or between two pieces of glass (23A and 23B). A light source (24) is used to illuminate the interaction chambers, and an optical detector (26) detects changes within the interaction chambers. A reflector (25) may be utilized to re-direct light rays (27') from the light source (24) along an alternate path (27).




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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER		
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B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) U.S. : 348/77; 600/180, 158, 827, 562		
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.
A, P	US 6,240,312 B1 (ALFANO et al.) 29 May 2001, All.	1-42
A	US 5,088,492 A1 (TAKAYAMA et al.) 18 February 1992, All.	1-42
A	US 6,115,061 A1 (LIEBERMAN et al.) 05 September 2000, All.	1-42
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