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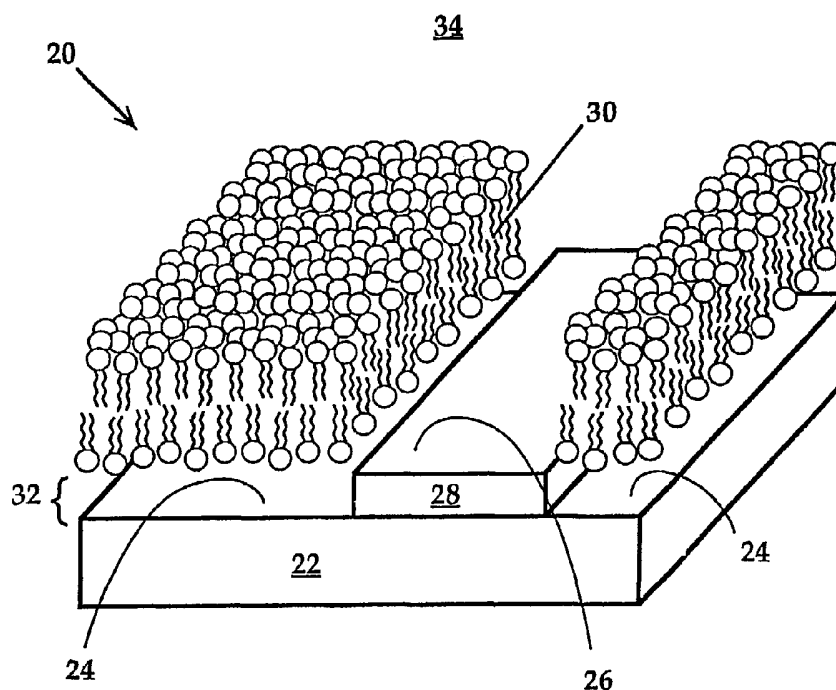
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[Continued on next page]

(54) Title: BIOSENSOR ARRAYS AND METHODS



(57) Abstract: A surface detector array device comprises a surface defining a plurality of distinct bilayer-compatible surface regions (24) separated by one or more bilayer barrier regions (26).

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— *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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A. CLASSIFICATION OF SUBJECT MATTER

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US CL : 422/68.1, 82.02, 82.06; 436/71, 525, 527, 528; 435/287.2, 287.1; 427/2.11, 2.13
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 422/68.1, 82.02, 82.06; 436/71, 525, 527, 528; 435/287.2, 287.1; 427/2.11, 2.13

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.
X	US 6,228,326 B1 (BOXER et al) 08 May 2001, columns 5-19.	1-34
X,P	US 6,503,452 B1 (BOXER et al) 07 January 2003, columns 3-23.	1-34
A	US 5,204,239 A (GITLER et al) 20 April 1993, entire document.	1-34
A	US 5,756,355 A (LANG et al) 26 May 1998, entire document.	1-34
A	US 5,846,814 A (GALLA et al) 08 December 1998, entire document.	1-34
A	US 5,922,594 A (LOFAS) 13 July 1999, entire document.	1-34

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☐ See patent family annex.

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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

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