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(71) Applicant (for all designated States except US): **GIVEN IMAGING LTD.** [IL/IL]; 2 HaCarmel St., New Industrial Park, 20692 Yoqneam (IL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **RABINOWITZ, El-isha** [IL/IL]; 4 Anda Amir Street, 34992 Haifa (IL).

(74) Agent: **PEARL COHEN ZEDEK LATZER**; P.O. Box 12704, 46733 Herzelia (IL).

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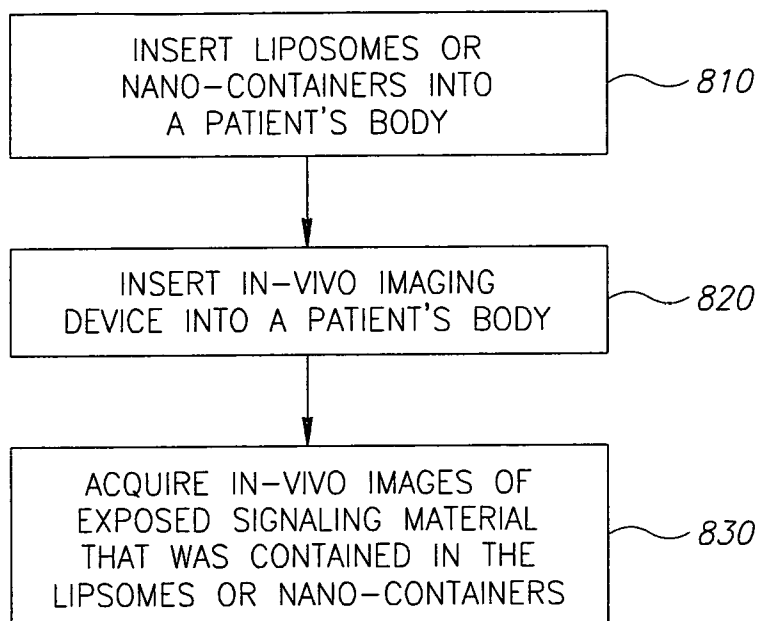
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(54) Title: DEVICE, SYSTEM AND METHOD FOR IN-VIVO ANALYSIS



(57) Abstract: A method for detecting the presence of a substance such as an antigen, the method including the steps of: maintaining a signaling material at a first pH within a liposome; contacting the liposome with a sample having a second pH such that if the substance is present in the sample the liposome will rupture thereby exposing the signaling material to the second pH; and detecting a change in an optical property, such as color, of the signaling material, the change caused by the exposure to the second pH.

FIG.8

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL07/00457

## A. CLASSIFICATION OF SUBJECT MATTER

IPC: A61B 1/00( 2006.01),1/06( 2006.01),6/00( 2006.01)

USPC: 600/101,160,476,477

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. : 600/101,160,476,477

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 5,919,633 A (TAUSK et al) 6 July 1999 (06.07.1999), see column 1, lines 25-35 and lines 45-50	1-7
Y	US 6,080,423 A (CHARYCH et al) 27 June 2000 (27.06.2000), see column 16, lines 1-23	1-7
Y	US 2002/0042562 A1 (MERON et al) 11 April 2002 (11.04.2002), paragraphs 26 and 46	4-7
A, P	US 2005/0075555 A1 (GLUKHOVSKY et al) 7 April 2005 (07.04.2005), see Abstract, Figure 2, paragraphs 27 and 31	4-7

☐ 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	"&" document member of the same patent family
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Mail Stop PCT, Attn: ISA/US  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Facsimile No. (571) 273-3201

Authorized officer

Ruth Smith

Telephone No. 571-272-4745