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(71) **Applicant** (for all designated States except US): **IMPERIAL INNOVATIONS LIMITED** [GB/GB]; 52 Princes Gate, South Kensington, London, Greater London SW7 2PG (GB).

(72) Inventors; and

(75) **Inventors/Applicants** (for US only): **ALBRECHT, Tim** [DE/GB]; Ground Floor Flat, 27 Charleville Road, London, Greater London W14 9JJ (GB). **IVANOV, Aleksandar Petrov** [BG/GB]; Flat 156, 3 Cornell Square, London, Greater London SW8 2ES (GB). **EDEL, Joshua Benno** [GB/GB]; 104 Green Lane, Edgware, London, Greater London HA8 8EJ (GB).

(74) **Agent**: **BARKER BRETTELL LLP**; 100 Hagley Road, Edgbaston, Birmingham, West Midlands B16 8QQ (GB).

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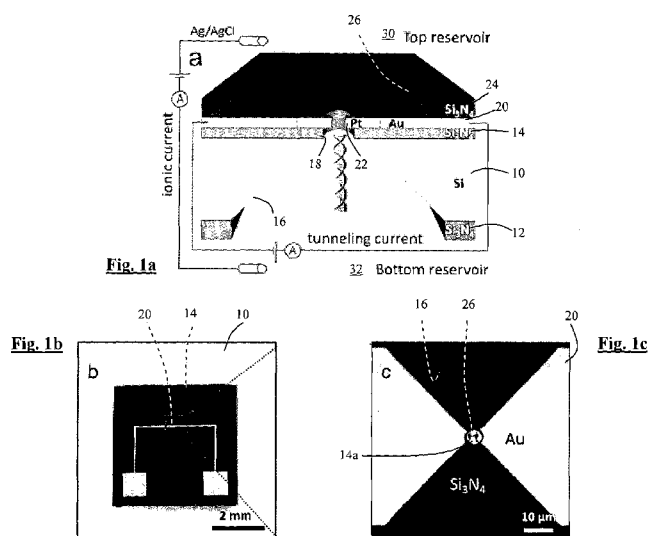
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(54) Title: NANOPORE DEVICES



(57) **Abstract**: A method of fabricating a nanopore device comprises: providing a layer of substrate material having a pore through it, and depositing a pair of electrodes on the surface of the substrate material such that the electrodes are located adjacent to the pore. The electrodes are deposited by particle beam induced deposition. The deposition may be induced using a particle beam that is non-perpendicular to the surface of the substrate.

INTERNATIONAL SEARCH REPORT

International application No
PCT/GB2011/052344

A. CLASSIFICATION OF SUBJECT MATTER

INV. B81C1/00 G01N33/487 C23C14/30 H01J37/305
ADD.

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)

B81C G01N C23C H01J

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)

EPO-Internal, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2007/138132 A1 (BARTH PHILLIP W [US]) 21 June 2007 (2007-06-21) figures 1,3,4A-4I,5A-5D,6 -----	1-17
X	US 2009/136682 A1 (BRANTON DANIEL [US] ET AL) 28 May 2009 (2009-05-28) figures 1B,3A-3E,5 -----	1-4,9, 11-17
X	US 6 627 067 B1 (BRANTON DANIEL [US] ET AL) 30 September 2003 (2003-09-30) figures 6,7A,7B column 13, line 56 - column 14, line 67 -----	1-4,9, 10,12-16
A	US 2006/243919 A1 (ZHANG WEN Y [SG] ET AL ZHANG WEN YI [SG] ET AL) 2 November 2006 (2006-11-02) figures 1,3a-3c,9 paragraphs [0031], [0035] -----	1-17

☐ Further documents are listed in the continuation of Box C.

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Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040,
Fax: (+31-70) 340-3016

Authorized officer

McGinley, Colm

INTERNATIONAL SEARCH REPORT

Information on patent family members

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