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(71) Applicant (for all designated States except US): **QUANTERIX CORPORATION** [US/US]; 113 Hartwell Avenue, Lexington, MA 02421-3125 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **WILSON, David** [US/US]; 7 Ocean View Dr. #405, Boston, MA 02125 (US). **DUFFY, David, C.** [GB/US]; 8 Aldersey Street, Unit 1, Somerville, MA 02143 (US). **HANLON, David** [US/US]; 9 Paul Avenue, Derry, NH 03038 (US). **OK-**

RONGLY, David [US/US]; 116 Beaver Brook Road, Ridgefield, CT 06877 (US).

(74) Agent: **POMIANEK, Michael, J.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210-2206 (US).

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[Continued on next page]

(54) Title: METHODS OF DETERMINING A PATIENT'S PROGNOSIS FOR RECURRENCE OF PROSTATE CANCER AND/OR DETERMINING A COURSE OF TREATMENT FOR PROSTATE CANCER FOLLOWING A RADICAL PROSTATECTOMY

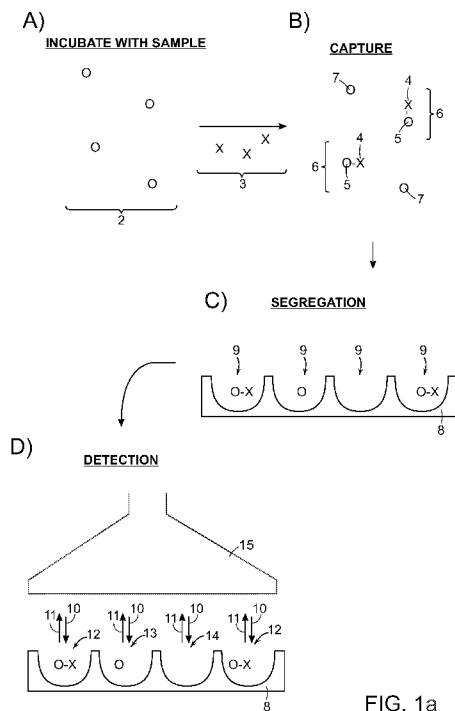


FIG. 1a

(57) Abstract: The present invention generally relates, in some embodiments, to methods of determining a patient's prognosis for recurrence of prostate cancer and/or determining a course of treatment for prostate cancer following a radical prostatectomy.





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A. CLASSIFICATION OF SUBJECT MATTER*A61K 39/395(2006.01)i, A61K 38/17(2006.01)i, A61K 48/00(2006.01)i, A61P 35/00(2006.01)i*

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)

A61K 39/395; C07K 16/00; G01N 33/53; C12Q 1/68

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)
prostate cancer, recurrence, prognosis, prostatectomy, prostate specific antigen(PSA)**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2009-0246781 A1 (KLEM, R. et al.) 01 October 2009 See abstract; paragraphs [0008], [0009], [0049], [0050], [0069], and [0070]; claims 1, 2, 35-39, and 45; and figures 9, 10, 16, and 17.	1-15, 19-27
A	VASSILIKOS, E. J. K. et al. 'Relapse and cure rates of prostate cancer patients after radical prostatectomy and 5 years of follow-up' Clinical Biochemistry, 2000, Vol. 33, No. 2, pp. 115-123. See abstract and figures 1-4.	1-15, 19-27
A	SHEN, S. et al. 'Ultrasensitive serum prostate specific antigen nadir accurately predicts the risk of early relapse after radical prostatectomy' J. Urol., 2005, Vol. 173, No. 3, pp. 777-780. See abstract and tables 1-3.	1-15, 19-27
A	MALIK, R. D. et al. 'Three-year postoperative ultrasensitive prostate-specific antigen following open radical retropubic prostatectomy is a predictor for delayed biochemical recurrence' European Urology, 26 May 2011 (E-pub.), Vol. 60, No. 3, pp. 548-553. See abstract; tables 1 and 2; and figure 1.	1-15, 19-27

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

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Facsimile No. 82-42-472-7140

Authorized officer

CHOI, Sung Hee

Telephone No. 82-42-481-8740



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International application No.

PCT/US2012/041489

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2009-0087860 A1 (TODD, J. A. et al.) 02 April 2009 See abstract; paragraph [0201]; claims 35-39; and figs. 4 and 5.	1-15,19-27
PX	WILSON, D. H. et al. 'Fifth-generation digital immunoassay for prostate-specific antigen by single molecule array technology' Clin. Chem., 13 October 2011 (E-pub.), Vol. 57, No. 12, pp. 1712-1721. See the whole document.	1-15,19-27

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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