(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
4 September 2003 (04.09.2003)

PCT

(10) International Publication Number
WO 03/072826 A1

(51) International Patent Classification[7]: C12Q 1/68

(21) International Application Number: PCT/US02/32067

(22) International Filing Date: 5 October 2002 (05.10.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/017,007 14 December 2001 (14.12.2001) US

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(81) Designated States *(national)*: AU, BR, CA, CN, IL, IN, JP, MX, NO, SG, US.

(84) Designated States *(regional)*: European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR).

Published:
— *with international search report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 03/072826 A1

(54) Title: STAIN-DIRECTED MOLECULAR ANALYSIS FOR CANCER PROGNOSIS AND DIAGNOSIS

(57) Abstract: The location at which tissue samples are obtained to determine whether cells exhibit characeristics associated with cell differentiation or cancer by molecular analysis is determined by topically applying to epithelial tissue a dye that selectively stains cancer and precancerous tissue.