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AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,
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(54) Title: ANALYZING LARGE DATA SETS USING A COMPUTER SYSTEM

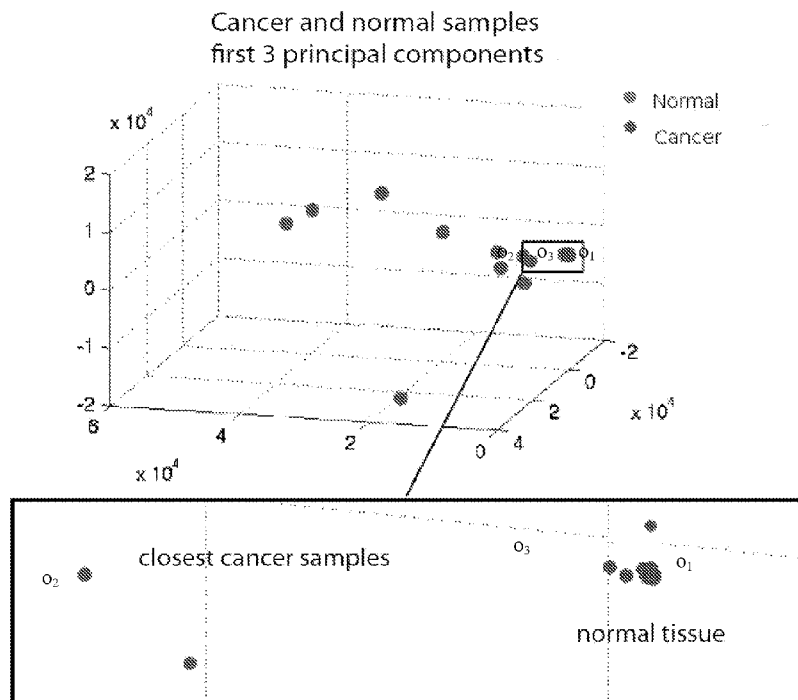


FIG. 7

[Continued on next page]



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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2009/040132**A. CLASSIFICATION OF SUBJECT MATTER****G06F 17/00(2006.01)i, G06F 9/44(2006.01)i, G06F 15/00(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)

IPC 8: G06F, G01N.

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Utility models and applications for Utility models since 1975

Japanese Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & keywords" "mass spectroscopy", "biological sample", "decision", "pixel"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003-0077616 A1 (LEE O. LOMAS) 24 April 2003 See abstract, claim 1 and paragraphs [0145]-[0146]	1-45
A	US 2008-0020484 A1 (CHULSO MOON) 24 January 2008 See abstract, claims 1-3, paragraphs [0021]-[0029], figures 1-3 and their corresponding descriptions.	1-45
A	US 2004-0002842 A1 (JEFFREY WOESSNER et al.) 01 January 2004 See abstract and claims 1-3.	1-45
A	AMOL PRAKASH et al., "SIGNAL MAPS FOR MASS SPECTROMETRY-BASED COMPARATIVE PROTEOMICS", MCP papers in press, 03 November 2003 < http://www.mcponline.org/cgi/reprint/M500133-MCP200v1.pdf > See summary, pp. 7, 10 and figures 1, 4-5 and their corresponding descriptions.	1-45
A	STEVEN P. GYPI et al., "QUANTITATIVE ANALYSIS OF COMPLEX PROTEIN MIXTURES USING ISOTOPE-CODED AFFINITY TAGS", NATURE BIOTECHNOLOGY, Vol. 17, pp. 994-999, OCTOBER 1999 < http://www.proteomecenter.org/PDFs/Gygi.NatBiotech.99.pdf > See pp.994-996 and figures 1-4 and their corresponding descriptions.	1-45

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

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003-077616 A1	24.04.2003	None	
US 2008-020484 A1	24.01.2008	EP 2005147 A2 WO 2007-126987 A2 WO 2007-126987 A3	24.12.2008 08.11.2007 18.09.2008
US 2004-002842 A1	01.01.2004	None	