

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
24 January 2008 (24.01.2008)

PCT

(10) International Publication Number
WO 2008/010761 A1

(51) International Patent Classification:

G01N 15/14 (2006.01) **G01N 33/48** (2006.01)
G01M 11/02 (2006.01)

(21) International Application Number:

PCT/SE2007/000656

(22) International Filing Date: 4 July 2007 (04.07.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

0601575-4 19 July 2006 (19.07.2006) SE
0700958-2 20 April 2007 (20.04.2007) SE

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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG,
ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL,
IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK,
LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW,
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PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA,
ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL,
PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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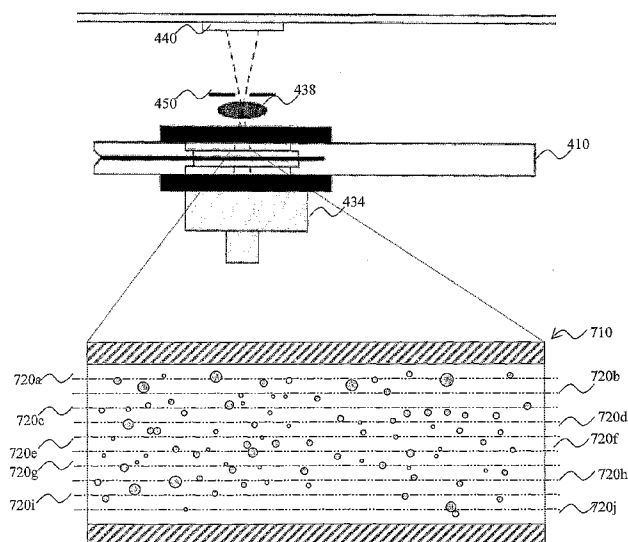
- as to applicant's entitlement to apply for and be granted a
patent (Rule 4.17(ii))
- of inventorship (Rule 4.17(iv))

Published:

- with international search report

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

(54) Title: A MEASUREMENT APPARATUS, METHOD AND COMPUTER PROGRAM



(57) Abstract: A measurement apparatus for enumeration of particles or white blood cells in a sample comprises: a holder, which is arranged to receive a sample acquiring device that holds a sample, an imaging system, comprising a magnifying means and at least one digital image acquiring means, said imaging system being arranged to acquire at least one digital image of the sample, and an image analyser, which is arranged to analyse the digital image for identifying particles or white blood cells and determining the number of particles or white blood cells and which is arranged to analyse the digital image for identifying particles or white blood cells that are imaged in focus, determining types of these particles or white blood cells, the types being distinguished by physical features and determining the ratio of different types of particles or white blood cells.

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