

(43) International Publication Date
30 December 2009 (30.12.2009)(10) International Publication Number
WO 2009/155704 A1

(51) International Patent Classification:

G08B 21/02 (2006.01) **G08B 25/00** (2006.01)
G06F 17/18 (2006.01) **G08B 27/00** (2006.01)

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(21) International Application Number:

PCT/CA2009/000882

(22) International Filing Date:

25 June 2009 (25.06.2009)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/075,350 25 June 2008 (25.06.2008) US
 61/093,036 29 August 2008 (29.08.2008) US
 61/144,283 13 January 2009 (13.01.2009) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, 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, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, 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, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— as to the identity of the inventor (Rule 4.17(i))

[Continued on next page]

(54) Title: BIO-THREAT ALERT SYSTEM

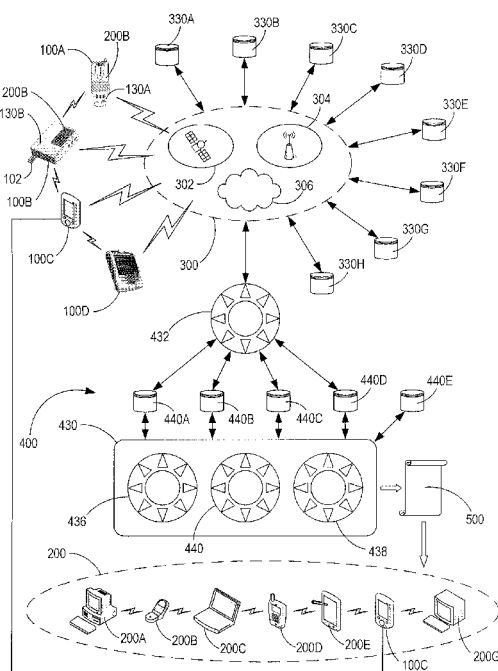


FIG. 1

(57) Abstract: In a bio-threat alert infrastructure system and method, an analyzing processor applies statistical algorithms to the collected quantitative data to precisely estimate event data, including time and position data, associated the development of a bio-threat. An encoding processor encodes the event data into a bio-threat alert signal. A transmitting element transmits the signal for reception by a bio-threat alert device. In the bio-threat alert device, and an associated method, a receiving element receives the signal. A decoding processor decodes the signal into the event data. A presentation element presents the event data to a user of the device.



Published:

— *with international search report (Art. 21(3))*