



(43) International Publication Date
30 August 2012 (30.08.2012)

- (51) International Patent Classification:
G08B 13/00 (2006.01) *G06T 7/00* (2006.01)
- (21) International Application Number:
PCT/SG2012/000052
- (22) International Filing Date:
21 February 2012 (21.02.2012)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
201101223-4 21 February 2011 (21.02.2011) SG
- (71) Applicant (for all designated States except US): **STRAT-
ECH SYSTEMS LIMITED** [SG/SG]; 31 International
Business Park, #02-02, Creative Resource, Singapore
609921 (SG).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **CHEW, Khien Meow
David** [SG/SG]; 80 Belmont Road, Singapore 269905
(SG).
- (74) Agent: **LEE, Ai Ming**; Rodyk & Davidson LLP, P.O. Box
462 Robinson Road Post Office, Singapore 900912 (SG).
- (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, QA, RO, RS, RU, RW, SC, SD,
SE, SG, SK, SL, SM, ST, SV, SY, TH, 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, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ,
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU,
TJ, TM), European (AL, 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, RS, SE, SI, SK,
SM, 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))
- as to applicant's entitlement to apply for and be granted a
patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the
earlier application (Rule 4.17(iii))

Published:

- with international search report (Art. 21(3))

(54) Title: A SURVEILLANCE SYSTEM AND A METHOD FOR DETECTING A FOREIGN OBJECT, DEBRIS, OR DAMAGE IN AN AIRFIELD

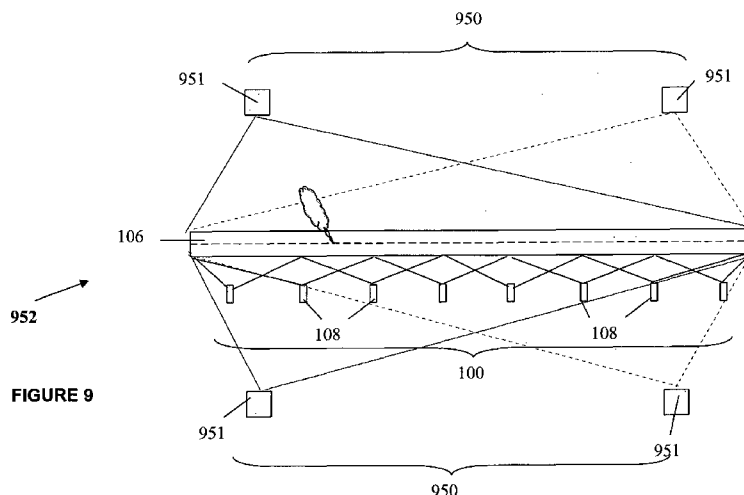


FIGURE 9

(57) Abstract: A surveillance system and method for detecting a foreign object, debris, or damage in an airfield, the surveillance system comprising, one or more cameras doe capturing images of the airfield; a processing unit for detecting the foreign object, debris or damage in the airfield from the images captured by the one or more cameras; and a weapons impact surveillance system for detecting weapon impact in the airfield and directing the one or more cameras to capture images in an area of the detected weapon impact.