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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
25 June 2009 (25.06.2009)

PCT

(10) International Publication Number
WO 2009/078740 A3

(51) **International Patent Classification**:
G06F 17/40 (2006.01) *G06F 17/10* (2006.01)

(21) **International Application Number**:
PCT/NZ2008/000336

(22) **International Filing Date**:
17 December 2008 (17.12.2008)

(25) **Filing Language**: English

(26) **Publication Language**: English

(30) **Priority Data**:
561260 19 December 2007 (19.12.2007) NZ
571726 2 October 2008 (02.10.2008) NZ

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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, 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, 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, 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).

Published:

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

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

[Continued on next page]

(54) **Title**: VEHICLE COMPETITION IMPLEMENTATION SYSTEM

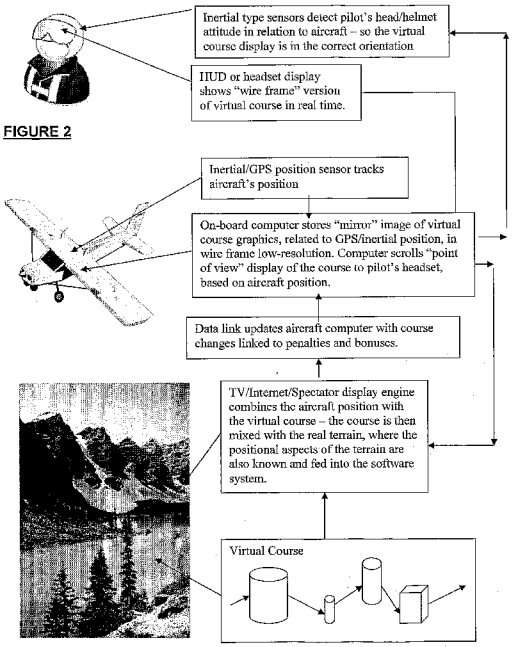


FIGURE 2

(57) **Abstract**: A set of computer executable instructions configured to calculate penalties for a vehicle pilot navigating a competition course which incorporates at least one virtual obstacle, said set of instructions being configured to execute the steps of: a) receiving a vehicle location identifier associated with the present position of the pilots vehicle, and b) comparing the vehicle location identifier with a collision region associated with at least one virtual obstacle of the competition course, and c) assigning at least one penalty to the pilot of the vehicle if the vehicle's location intercepts with the collision region of an obstacle, and d) repeating steps a) through c) as the pilot navigates the competition course and the position of the vehicle changes.

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(88) Date of publication of the international search report:
20 August 2009