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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
3 July 2008 (03.07.2008)

PCT

(10) International Publication Number
WO 2008/079747 A1

(51) International Patent Classification:
G06F 19/00 (2006.01)

(21) International Application Number:
PCT/US2007/087650

(22) International Filing Date:
14 December 2007 (14.12.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
11/615,893 22 December 2006 (22.12.2006) US

(71) Applicant *(for all designated States except US)*: **HARRIS STRATEX NETWORKS OPERATING CORPORATION** [US/US]; 637 Davis Drive, Morrisville, NC 27560 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **SRIKUMAR, Kesavan** [IN/US]; 21517 Rainbow Drive, Cupertino, CA 95014 (US). **PONG, Frank** [CA/US]; 209 Creekside Village Drive, Los Gatos, CA 95032 (US).

(74) Agent: **SOCKOL, Marc, A.**; Thelen Reid Brown Raysman & Steiner Llp, 2225 East Bayshore Road, Suite 210, Palo Alto, CA 94303 (US).

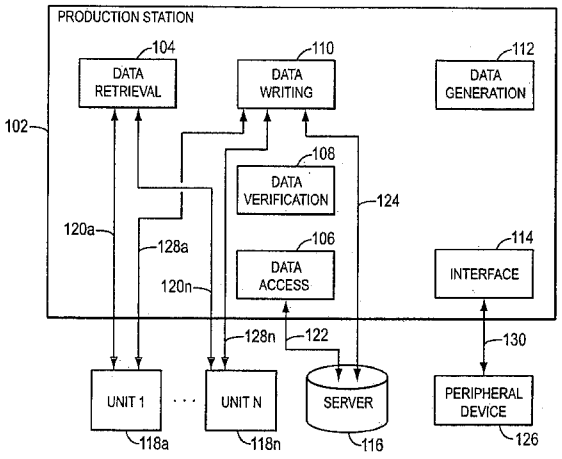
(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, 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).

Published:
— *with international search report*

[Continued on next page]

(54) **Title:** INTELLIGENT PRODUCTION STATION AND PRODUCTION METHOD



(57) **Abstract:** One aspect related to design of systems and methods for manufacturing products that include technology in skiiied areas is configuring a production station for use by an operator without specialized skills. The present invention contemplates an approach to designing a station configurable to perform one or more of incoming inspection, assembly, testing, and branding. A preferred approach includes verifying data associated with units prior to accepting them for incorporation, preventing incorporation of an incorrect unit, and guiding an operator in possible remedial action. This approach includes storing data in a server and making such data substantially instantly accessible to production stations once written in the server. Such data preferably includes software to configure the production station such that the operator need not have specialized skills. A production station designed using this approach is particularly useful in the manufacture of an outdoor unit of a split-mount microwave radio system.

WO 2008/079747 A1

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*