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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
27 July 2006 (27.07.2006)

PCT

(10) International Publication Number
WO 2006/078601 A2

(51) International Patent Classification:
H04Q 7/24 (2006.01)

(21) International Application Number:
PCT/US2006/001494

(22) International Filing Date: 17 January 2006 (17.01.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
11/037,907 18 January 2005 (18.01.2005) US

(71) Applicant *(for all designated States except US)*: **NIVIS, LLC.** [US/US]; 900 CIRCLE 75 PARKWAY, Suite 1700, Atlanta, Georgia 30339 (US).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **RATIU, Ovidiu** [RO/US]; 4405 NORTHSIDE PARKWAY, #2424, Atlanta, Georgia 30327 (US). **CHILOM, Marius Ovidiu** [US/US]; 1224 Grand View Drive, Mableton, Georgia 30126 (US). **TICUS, Ion** [RO/RO]; STR. ANASTASIE PANU NR. 20, Bl. C15, Sc.3, Apt. 91, Bucharest, Sector 3 (RO).

(74) Agent: **CRAIN, N.**; THOMAS, KAYDEN, HORSTEMEYER & RISLEY, LLP, 100 Galleria Pkwy., Nw, Atlanta, Georgia 30339-5948 (US).

(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, 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, 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:
— *without international search report and to be republished upon receipt of that report*

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

WO 2006/078601 A2

(54) Title: SYSTEM AND METHOD FOR A WIRELESS MESH NETWORK OF CONFIGURABLE SIGNAGE

(57) Abstract: One or more electronic signs each coupled to a transceiver or radio node that is communicably coupled to an access node may change its display, as directed by the access node. The access node is configured to receive data related to adjusting information displayed on one or more of the electronic signs. The access node wirelessly transmits an outbound communication to a number of radio nodes logically distributed around the access node. One or more of the radio nodes or may be configured without an electronic sign but instead be configured to repeat the outbound communication. A recipient radio node receives the outbound communication message and executes instructions contained in the outbound communication message so that its electronic sign changes the display of information, such as the price.