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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
18 December 2014 (18.12.2014)

WIPO | PCT

(10) International Publication Number
WO 2014/200849 A4

(51) International Patent Classification:
G06Q 30/06 (2012.01)

(21) International Application Number:
PCT/US2014/041285

(22) International Filing Date:
6 June 2014 (06.06.2014)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
13/916,822 13 June 2013 (13.06.2013) US

(71) Applicant: **ELBEX VIDEO LTD.** [JP/JP]; 1-11, Nishi-gotanda 8-chome, Shinagawa-ku, Tokyo, 141-0031 (JP).

(71) Applicant *(for MW only)*: **ELBEX AMERICA (NY), INC.** [US/US]; 300 Cororate Drive, Suite #56, Blauvelt, NY 10913 (US).

(72) Inventor: **ELBERBAUM, David**; Mita 2-5-35, Minato-ku, Tokyo, 108-0073 (JP).

(74) Agents: **SCHALK, David, W.** et al.; Katten, Muchin, Rosenman LLP, 575 Madison Avenue, New York, NY 10022-2585 (US).

(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, BN, 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, IR, IS, JP, KE, KG, 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, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, 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, 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, KM, ML, MR, NE, SN, TD, TG).

Published:

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

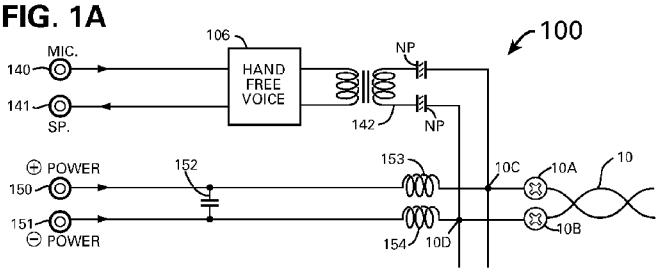
— *with amended claims (Art. 19(1))*

Date of publication of the amended claims: 5 February 2015

WO 2014/200849 A4

(54) Title: METHOD AND APPARATUS FOR PROPAGATING COMBINATION OF SIGNALS FOR OPERATING A CLOSED CIRCUIT E-COMMERCE

FIG. 1A



(57) Abstract: A method and apparatus for communicating information and e- shopping signals between servers within a closed circuit e- commerce, and between servers and shopping terminals via main router and interface of a building, propagating the information and e-shopping signals via at least one twisted pair including ASK and FSK modulated data and commands including high speed updating signals for updating the content and programs of said e-commerce stored in the shopping terminals. A delivery station for picking up and deliver the ordered merchandise located within the building or outside the building using delivery devices, and storage devices for verifying the pickup and deliver with no error.