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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
23 August 2012 (23.08.2012)

WIPO | PCT

(10) International Publication Number
WO 2012/112764 A2

(51) International Patent Classification:
H04N 5/222 (2006.01)

(21) International Application Number:
PCT/US2012/025426

(22) International Filing Date:
16 February 2012 (16.02.2012)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/444,194 18 February 2011 (18.02.2011) US
13/397,619 15 February 2012 (15.02.2012) US

(71) Applicant *(for all designated States except US)*: **VIDEOLINK, INC.** [US/US]; 1230 Washington Street, West Newton, Massachusetts 02465 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **WILLIS, Leigh** [US/US]; c/o VideoLink, Inc., 1230 Washington Street, West Newton, Massachusetts 02465 (US). **HONIG, Lawrence** [US/US]; c/o VideoLink, Inc., 1230 Washington Street, West Newton, Massachusetts 02465 (US). **HONIG, Charles** [US/US]; c/o VideoLink, Inc., 1230 Washington Street, West Newton, Massachusetts 02465 (US).

(74) Agents: **NIELDS, LEMACK & FRAME, LLC** et al.; Suite 5, 176 E. Main St., Westborough, Massachusetts 01581 (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, 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).

Published:

— *without international search report and to be republished upon receipt of that report (Rule 48.2(g))*

(54) **Title**: REMOTE CONTROLLED STUDIO CAMERA SYSTEM

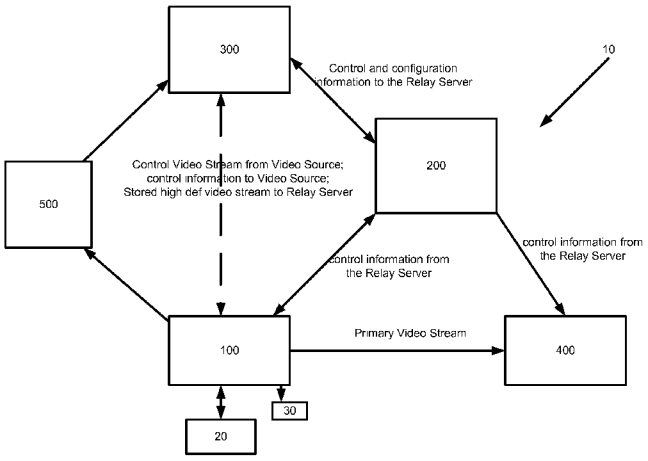


FIG. 1

(57) **Abstract**: A system for remotely controlling a camera is disclosed. The system includes five major subsystems; a first subsystem collocated with the camera; a second subsystem which serves as a gateway between the camera and the third subsystem; a third subsystem to remotely monitor the studio and control the camera; a fourth subsystem located at the destination of the video stream; and a fifth subsystem to receive and re-transmit a video control stream. This system allows the camera to be monitored and controlled by one location, while the primary video stream is transmitted to a different location. In some embodiments, the control video stream is a lower bandwidth signal than the primary video stream. Furthermore, the fifth subsystem is capable of receiving and re-transmitting control video streams from a plurality of cameras simultaneously. The second subsystem allows remote access to the first subsystem, based on approved credentials.

WO 2012/112764 A2