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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
3 November 2005 (03.11.2005)

PCT

(10) International Publication Number
WO 2005/104484 A1

(51) International Patent Classification[7]: H04L 29/06, 12/24, 12/28

(21) International Application Number: PCT/JP2005/007654

(22) International Filing Date: 15 April 2005 (15.04.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2004-123930 20 April 2004 (20.04.2004) JP
2004-318569 1 November 2004 (01.11.2004) JP

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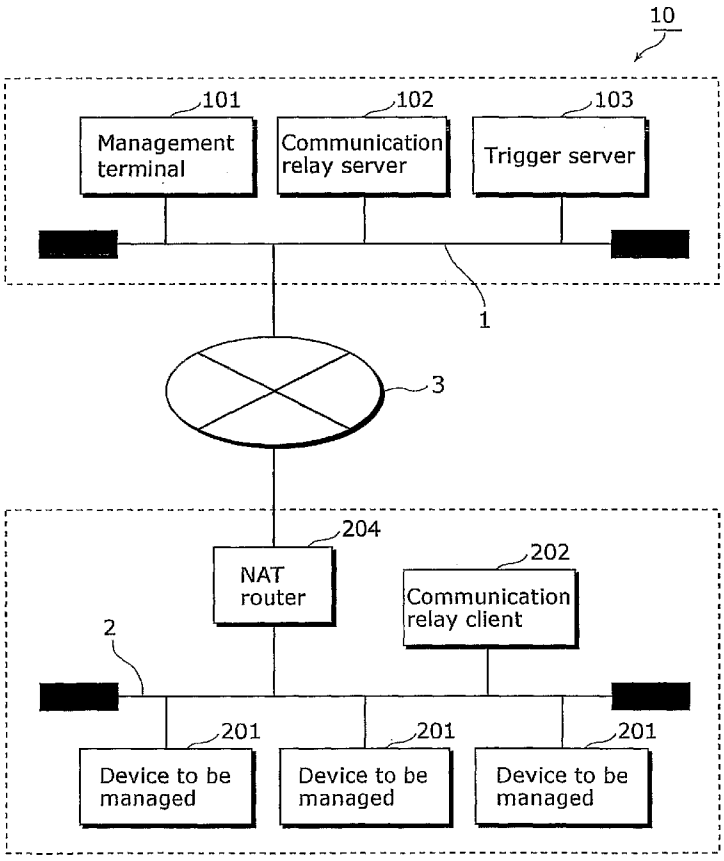
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(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR,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

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(54) Title: COMMUNICATION NETWORK SYSTEM AND COMMUNICATION APPARATUS



(57) Abstract: The present invention provides a communication network system in which communication can be securely performed via a global network from an existing terminal apparatus to an existing device connected to a local network without needing a special gateway function in a router and without performing a special setting in the router. In the communication network system (10), a communication relay client (202) performs polling on a management center network (1) via a NAT router (204); a communication relay server (102) converts a packet transmitted from a management terminal (101); and the communication relay client (202) receives the converted packet as a response to the polling via the NAT router (204) from the side of the management center network (1). The communication relay client (202) converts the converted packet to the original packet, and transmits the original packet to a device to be managed (201).

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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, 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:
— *with international search report*

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