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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
28 April 2005 (28.04.2005)

PCT

(10) International Publication Number
WO 2005/038594 A2

(51) International Patent Classification[7]: G06F

(21) International Application Number:
PCT/US2004/033812

(22) International Filing Date: 14 October 2004 (14.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/684,593 15 October 2003 (15.10.2003) US

(71) Applicant *(for all designated States except US)*: **VONAGE HOLDINGS CORP.** [US/US]; 2147 Route 27, Edison, NJ 08817 (US).

(72) Inventor; and
(75) Inventor/Applicant *(for US only)*: **HOLDER, Louis** [US/US]; 6 Jean Court, Princeton Jct, NJ 08850 (US).

(74) Agent: **MORAN, John, P.**; Swidler Berlin Shereff Friedman, LLP, 3000 K Street, N.W., Suite 300, Washington, DC 20007-5116 (US).

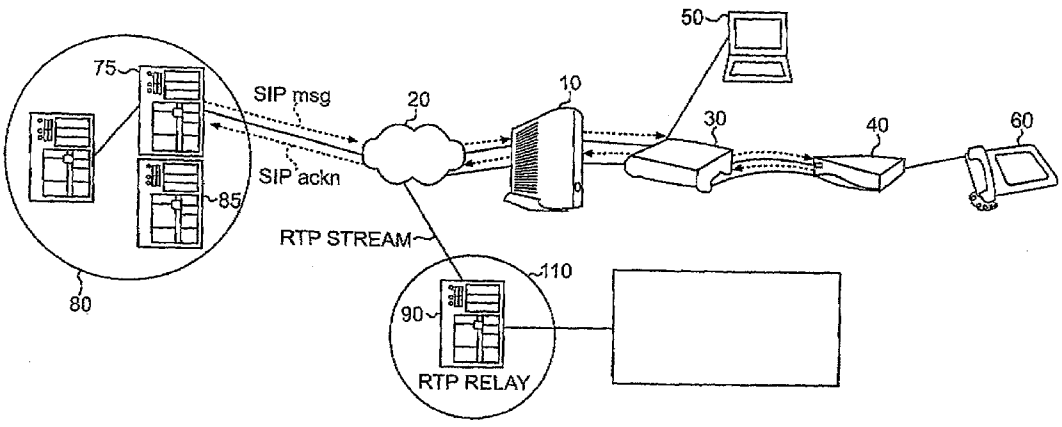
(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,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

(54) Title: METHOD AND APPARATUS FOR ENHANCED INTERNET TELEPHONY



(57) Abstract: A method and apparatus for enhanced Internet telephony ensures that communication between a source and destination in not interrupted by common network address translation. According to one aspect of the invention communication continue through a router that employs network address translation. Such continued communications prevent the router from closing the source's outbound port.

WO 2005/038594 A2