

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
27 May 2004 (27.05.2004)

PCT

(10) International Publication Number
WO 2004/045174 A1

(51) International Patent Classification⁷: **H04L 12/66**

(21) International Application Number:
PCT/KR2003/002447

(22) International Filing Date:
14 November 2003 (14.11.2003)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:
10-2002-0070751 14 November 2002 (14.11.2002) KR
10-2003-0029927 12 May 2003 (12.05.2003) KR

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, 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, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, 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 (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant and

(72) Inventor: KWON, Ey-Taeg [KR/KR]; 106-1104 Seogwang APT., 638 Deungchon-dong, Gangseo-gu, 157-030 Seoul (KR).

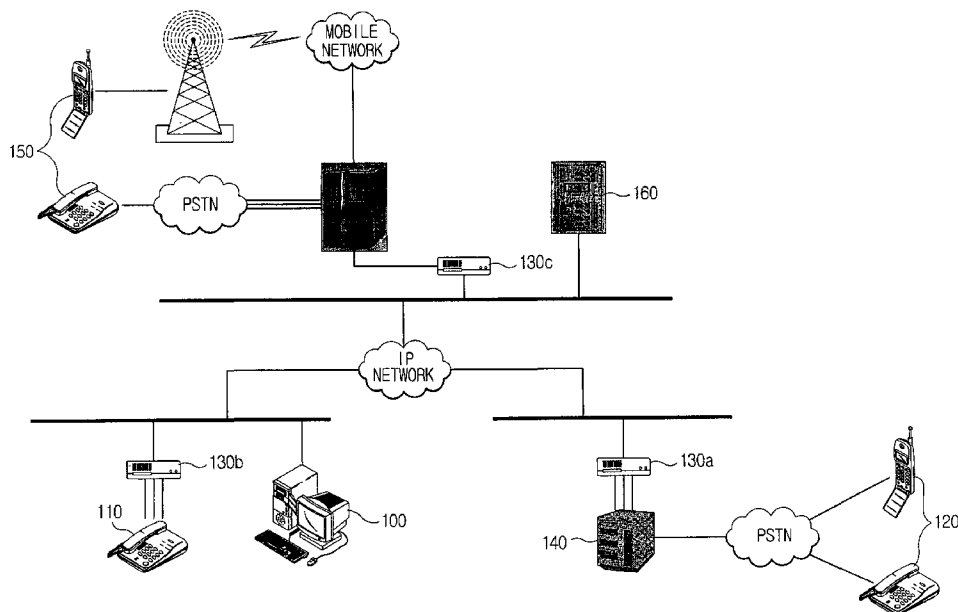
(74) Agent: LEE, Kyeong-Ran; 502 BYC Bldg., 648-1 Yeoksam 1-dong, Kangnam-ku, Seoul 135-081 (KR).

Published:

— with international search 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 FOR COLLECT CALL SERVICE BASED ON VOIP TECHNOLOGY AND SYSTEM THEREOF



(57) Abstract: The present invention relates to a collect call method and system thereof, more particularly, in order to charge the called party with a uniform toll for collect call, which is determined by only the type and location of called party terminal, the collect call method, system and a counsel service providing method use a free VoIP network as a part of voice call link and a charge PSTN network as the rest of voice call link. According to the preferred embodiment of the present invention, if the first link corresponding to the collect call request is established, the collect call switch calls the called party terminal to establish the second link, and billing on the second link is initiated.

WO 2004/045174 A1