

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
4 January 2007 (04.01.2007)

PCT

(10) International Publication Number
WO 2007/001147 A1

(51) International Patent Classification:
H04L 12/28 (2006.01)

(21) International Application Number:
PCT/KR2006/002484

(22) International Filing Date: 27 June 2006 (27.06.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10-2005-0056443 28 June 2005 (28.06.2005) KR

(71) Applicant: **SAMSUNG ELECTRONICS CO., LTD.**
[KR/KR]; 416 Maetan-dong, Yeongtong-gu, Suwon-si,
Gyeonggi-do 442-742 (KR).

(72) Inventor: **PARK, Soo-Hong**; B-201 Taeyoung Apt.,
Chobu-ri, Mohyeon-myeon, Cheoin-gu, Yongin-si,
Gyeonggi-do 449-851 (KR).

(74) Agents: **KIM, Dong-Jin** et al.; 6th Fl. Youngpoong Bldg.,
142, Nonhyun-dong, Gangnam-gu, Seoul 135-749 (KR).

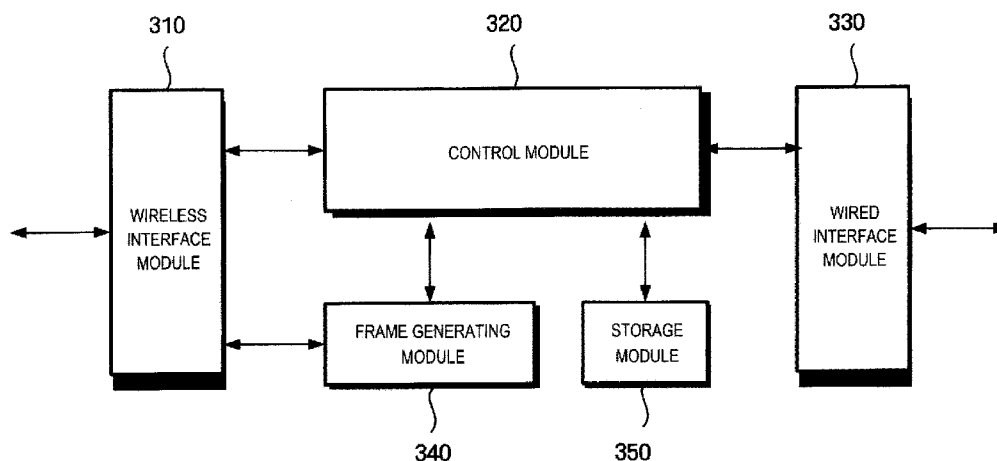
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, 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, LV, 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

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: ACCESS POINT AND METHOD FOR DELIVERING INFORMATION ON MEDIA INDEPENDENT HANDOVER PROTOCOL



(57) Abstract: An apparatus and method relates to transmission of media independent (MIH) handover protocol information, the access point includes a wired interface module to receive, through a wired network, indication information indicating whether an access point that manages a neighboring heterogeneous subnet supports a protocol to conduct a media independent handover (MIH), a storage module to store the received indication information, a frame generating module to generate a frame including the stored indication information, and a wireless interface module to transmit the generated frame to a mobile node.