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United St	ates	Patent	and	Trac	demark	Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 1. Name of conveying party(ies)/Execution Date(s): 2. Name and address of receiving party(ies) 1) PARK, Wan Ki Name: ELECTRONICS AND TELECOMMUNICATIONS

2) CHOI, Chang Sic bottom at Actoress: RESEARCH INSTITUTE 3) CHOI, Young Woo 4) JEONG, Youn Kwae Execution Date(s) November 29, 2006 Street Address: 161 Gajeong-dong,

Additional name(s) of conveying party(ies) attached? Yuseong-gu, Daejeon, Republic of 3. Nature of conveyance: Korea Assignment Merger City: __

Change of Name Government Interest Assignment Country: Executive Order 9424, Confirmatory License

Other Additional name(s) & address(es) attached? Yes No 4. Application or patent number(s): This document is being filed together with a new application.

A. Patent Application No.(s) B. Patent No.(s)

Additional numbers attached?

5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: Name: Woochoon W. Park 40.00 7. Total fee (37 CFR 1.21(h) & 3.41) \$ Internal Address: Authorized to be charged by credit card Authorized to be charged to deposit account I Enclosed Street Address: c/o Ladas & Parry

224 South Michigan Avenue None required (government interest not affecting title) 8. Payment information Chicago Citv:

a. Credit Card Last 4 Numbers State: Illinois 60604 Zip: Expiration Date (312) 427-1300 Phone Number:

b. Deposit Account Number 12-0400 Fax Number: Authorized User Name Ladas & Parry LLP Email Address:

9. Signature: December 6, 2006

Name of Person Signing

12 Co. 2006 RFERMUDI 0000015 1185421

V. . 150C

Signature Date Woochoon W. Park Total number of pages including cover sheet, attachments, and documents:

> Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

> > PATENT

REEL: 018686 FRAME: 0746

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UNITED STATES OF AMERICA ASSIGNMENT

In consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for the other good and valuable consideration,

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PARK, Wan Ki

106-1306 Hanareum Apt., Wonnae-dong, Yusong-gu, Daejeon, Republic of Korea;

CHOI, Chang Sic

105-1004 Hanareum Apt., Wonnae-dong, Yusong-gu, Daejeon, Republic of Korea;

CHOI, Young Woo

#202, 146-12 Sinsung-dong, Yusong-gu, Daejeon, Republic of Korea;

and

JEONG, Youn Kwae 210-902 Sinseonmaul Apt., 1130 Kwanjeo-dong, Seo-gu, Daejeon, Republic of Korea

hereby sells, assigns and transfers to

ASSIGNEE:

ELECTRONICS & TELECOMMUNICATIONS RESEARCH INSTITUTE 161 Gajeong-dong, Yusong-gu, Daejeon, Republic of Korea

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions in and to, any and all improvements which are disclosed in the Application entitled

HOME SERVER CAPABLE OF IMPLEMENTING ENERGY-SAVING AND SERVICE CONVERGENCE AND METHOD FOR CONTROLLING THE SAME

which application was

x	(a) executed by the undersigned on	even date herewith	
	(b) filed as Serial No.	on	

and, in and to all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, substitute, reissue or re-examination thereof.

PATENT REEL: 018686 FRAME: 0747 ASSIGNOR hereby covenants that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/we have set our hand and seal

2006.11.29	Wanki Park
Date	INVENTOR: Wan Ki Park
2006.11.29	3.5.
Date	INVENTOR: Chang Sic Choi
2006.11.29	
Date	INVENTOR: Young Woo Choi
NOV. 29. 2006	Youn-Kwae Jeong
Date	INVENTOR: Youn Kwae Geong

PATENT REEL: 018686 FRAME: 0748

RECORDED: 12/06/2006