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PATENTS ONLY To the Director of the U.S. Patent and Trademark Office: Please record the attached documents the new address(es) below. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Seung-jae OH SAMSUNG ELECTRONICS CO., LTD. Joo-yeol LEE 416 Maetan-dong, Yeongtong-gu, Dong-shin JUNG Suwon-si Gyeonnggi-do, Se-hee HAN Republic of Korea Won-Seok KWON Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No 3. Nature of conveyance/Execution Date(s): March 15, 2007, march 15, 2007, March 15, Execution Date(s): 2007, March 15, 2007 and March 15, 2007 ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Joint Research Agreement ☐ Government Interest Assignment ☐ Executive Order 9424, Confirmatory License Additional name(s) & address(es) attached? Yes ✓ No ☐ Other 4. Application number(s) or patent number(s): This document is being filed together with a new application B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? 🔲 Yes 🗹 No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: 7. Total fee (37 CFR 1.21(h) & 3.41): \$40.00 SUGHRUE MION, PLLC Authorized to be charged by credit card WASHINGTON OFFICE ☐ Authorized to be charged to Deposit Account No. 19-4880. 23373 ☑ Enclosed. CUSTOMER NUMBER □ None required (government interest not affecting title) 8. Deposit Account Number: (Attach duplicate copy of this page if paying by deposit account) 9. Signature: March 28, 2007 /darrylmexic/ Reg. No. 23,063 Date **Darryl Mexic** Total number of pages including cover sheet, attachments, and documents: 2 Mail documents to be recorded with required cover sheet information to: MAIL STOP ASSIGNMENT RECORDATION SERVICES Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

04/03/2007 DBYRNE 00000186 11727690 01 FC:8021 40.00 DP

Assignment

Whereas, We, Seung-jae OH; Joo-yeol LEE; Dong-shin JUNG; Se-hee HAN; and Wonseok KWON of Seoul, Republic of Korea, Seoul, Republic of Korea, Suwon-si, Republic of Korea, Seoul, Republic of Korea, and Suwon-si, Republic of Korea, respectively, hereinafter called assignors, have invented certain improvements in METHOD AND APPARATUS FOR PREVENTING DUPLICATE SAVING OF RESOURCE BETWEEN UNIVERSAL PLUG AND PLAY DEVICES PROVIDING CONTENT DIRECTORY SERVICE and executed an application for Letters Patent of the United States of America therefor on

Whereas, SAMSUNG ELECTRONICS CO., LTD., 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

Penns	We her ylvania:	reby authorize : Avenue, NW, \	and request our Washington, De	r attorneys SUGHRUE MION C 20037-3213 to insert here in	, PLLC of 2100
	lication n	umber		and Confirmation number r and filing date of said applic	. filed
Date:	3	uh.	15 March		
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Date:		1/10	15 March	2007	
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(Legalization not required for recording but is prima facle evidence of execution under 35 U.S.C. §261)

RECORDED: 03/28/2007

PATENT REEL: 019124 FRAME: 0571