091991 MODIFIED Form PTO-1595 SHEET U.S. DEPARTMENT OF COMMERCE (Rev. 10/02) U.S. Patent and Trademark Office 103183852 To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Se-jong OH SAMSUNG ELECTRONICS CO., LTD. Jeong-ho BANG 416, Maetan-dong, Myung-cul KIM Yeongtong-gu, Suwon-si, Kyoung-hee LEE Gyeonggi-do, Republic of Korea RESEARCH AND INDUSTRIAL COOPERATION GROUP 103-6, Munji-dong, Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No Yuseong-gu, Daejeon, Republic of Korea 3. Nature of conveyance: ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: February 9, 2006 Additional name(s) & address(es) attached?

Yes 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: February 9, 2006 A. Patent Application No.(s) B. Patent No.(s) Unknown Unknown Additional numbers attached? ☐ Yes Ø No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: SUGHRUE MION, PLLC 7. Total fee (37 CFR 3.41): \$40.00 ☑ Enclosed. WASHINGTON OFFICE ☐ Authorized to be charged to Deposit Account No. 19-4880. 23373 The USPTO is directed and authorized to charge all required CUSTOMER NUMBER fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. 8. Deposit Account Number: 19-4880 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. lang My i February 16, 2006 Darryl Mexic Reg. No. 23,063 Total number of pages including cover sheet, attachments, and documents: 2 Mail documents to be recorded with required cover sheet in 1544 Rt 1899 177 11355173

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PATENT

REEL: 017585 FRAME: 0629

48.88 OP

Docket No. Q91991 For Non-U.S. Clients

Assignment

Whereas, We, Se-jong OH of Yongin-si, Republic of Korea, Jeong-ho BANG of Suwon-si, Republic of Korea, Myung-cul KIM of Daejeon, Republic of Korea and Kyoung-hee LEE of Daejeon, Republic of Korea, respectively, hereinafter called assignors, have invented certain improvements in HANDOFF SYSTEM AND METHOD BETWEEN DIFFERENT KINDS OF DEVICES, SIP SERVER AND OPERATIONAL METHOD OF SIP SERVER and executed an application for Letters Patent of the United States of America therefor on : and

Whereas, SAMSUNG ELECTRONICS CO., LTD., 416 Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea and RESEARCH AND INDUSTRIAL COOPERATION GROUP, 103-6, Munji-dong, Yuseong-gu, Daejeon, Republic of Korea (assignees), desire 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 assignees, 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 assignees, its successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignees in connection with the United States application when called upon to do so by the assignees.

Pennsyl number	We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Ivania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Applicated and Confirmation number,	tion filed
known.		
Date:	09-FEB-2006 1295.	
-	s/Se-jong OH	
Date:	09-FEB-2006 Bang	
_	s/Jeong-ho BANG	
Date:	09-FEB-2006 Kmmh	
_	s/Myung-cul KIM	
Date:	09-FEB-2006 Lenter	
_	s/Kyoung-hee I FF	

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

RECORDED: 02/16/2006

PATENT REEL: 017585 FRAME: 0630