ī			
T.		ú	c
Н	Z	2	=
3		₹	í
		è	5
	ī	Č	5
Ú	=	÷	Ξ

MODIFIED Form PTO-1595	HEET U.S. DEPARTMENT OF COMMER
(Rev. 10/02)	103368467 U.S. Patent and Trademark Off
	a trademory ( ITTION: Winner record the attached original documents or convitteered
1. Name of conveying party(ies):	2. Name and address of receiving party(ies): SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-dong, Yeongtong-gu Suwon-si, Gyeonggi-do REPUBLIC OF KOREA
Hong-seok KIM	SAMSUNG ELECTRONICS CO., LTD.
Suk-jin KIM Jeong-wook KIM	416, Maetan-dong, Yeongtong-gu Suwon-si, Gyeonggi-do
Soo-jung RYU	REPUBLIC OF KOREA
	$\frac{1}{2}$
Additional name(s) of conveying party(ies) attach	? ☐ Yes ☑ No ——————————————————————————————————
3. Nature of conveyance:	·
☑ Assignment ☐ Merger	
☐ Security Agreement ☐ Change of ?	me
☐ Other	
Execution Date: July 7, 2006  4. Application number(s) or patent number	Additional name(s) & address(es) attached?  Yes  No
	ith a new application, the execution date of the application is: July 7, 2006
A. Patent Application No.(s) Not Yet Assigned	B. Patent No.(s) Unknown
11/542,	
	itional numbers attached?
<ol><li>Name and address of party to whom co concerning document should be mailed</li></ol>	espondence 6. Total number of applications and patents involved:
SUGHRUE MION, PLLC	7. Total fee (37 CFR 3.41): \$40.00
WASHINGTON OFFICE	✓ Enclosed.
23373	Authorized to be charged to Deposit Account No. 19-4880.
CUSTOMER NUMBER	The USPTO is directed and authorized to charge all required
	fees, except for the Issue Fee and the Publication Fee, to Deposit
dustment date: 02/02/2007 DBYRNE	Account No. 19-4880. Please also credit any overpayments to sai
0.10/2006 DBYRNE 00000101 11542119 1 FC:8021 -40.00 DP	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, original document.	he foregoing information is true and correct and any attached copy is a true copy of
Dany!	$\mathcal{U}_{++}$ :
Tangl.	Ortobar 4 2006
Darryl Mexic	Reg. No. 23,063 October 4, 2006  Date
	10g. 110. 23,000
	pages including cover sheet, attachments, and documents: 2
	to be recorded with required cover sheet information to:
	OP ASSIGNMENT RECORDATION SERVICES rector of the U.S. Patent and Trademark Office
	P.O. Box 1450
	Alexandria, VA 22313-1450

00000102 11542215 10/10/2006 DBYRHE 01 FC:8021

02/02/2007 DBYRNE 00000075 11542118

01 FC:8021

40.00 DP

REEL: 018853 FRAME: 0424

Docket No. Q93285 For Non-U.S. Clients

## Assignment.

Whereas, We, Hong-sook KIM of Seongnam-si, Republic of Korea, Suk-jin KIM of Seongnam-si, Republic of Korea, Jeong-wook KIM of Seongnam-si, Republic of Korea, and Soojing RVU of Cheonan-si, Republic of Korea, hereinafter called assignors, have invented certain improvements in DATA PROCESSING SYSTEM AND METHOD and executed an application for Letters Patent of the United States of America therefor on ; and

Whereas, SAMSUNG ELECTRONICS CO., LTD. of 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.

Pênnsyl	Ve hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 vania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses nion number, filed	
<del></del>	the application number and filing date of said application when know	n.
Date:	July 17, 2006 Alg	
Date:	July 1, 2006	
Date:	SULY 1) 2006 CON	
Date:	July 1 2006 Rugues	

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

RECORDED: 10/04/2006

PATENT

REEL: 018853 FRAME: 0425