11/21/0 11-2	5 - 2003 Q90742	
MODIFIED Form PTO-1595 I (Rev. 10/02)	CET U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
To the Director of the U.S. Patent: 103	125749 attached original documents or copy thereof.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
Moon-sang KWON	SAMSUNG ELECTRONICS CO., LTD.	
Bum-soo KIM	416, Maetan-dong,	
Young-joon CHOI	Yeongtong-gu, Suwon-si,	
•	Gyeonggi-do, Republic of Korea	
Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No	1129	
3. Nature of conveyance:		
☑ Assignment ☐ Merger		
☐ Security Agreement ☐ Change of Name		
☐ Other		
Execution Date: November 3 and 2, 2005	Additional name(s) & address(es) attached? □ Yes ☑ No	
4. Application number(s) or patent number(s):	Additional manic(s) & address(es) attached: 12 1 cs 12 170	
If this document is being filed together with a new application, the execution date of the application is: November 3 and 2, 2005		
A. Patent Application No.(s)	B. Patent No.(s)	
Unknown	Unknown	
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:	1	
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 info	rmation is true and correct and any attached copy is a true copy of the	
original document.		
Por AMIRA Regul 38,551	November 21, 2005	
Darryl Mexic Reg. No.		
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 Tra 11/25/P805 (1411/ELLER 89898659 11282748 P.O. Box 1450 81 FC. 8821		
	Alexandria, VA 22313-1450 (48.66 OP)	

PATENT REEL: 017250 FRAME: 0850

Assignment

Republic o respectivel REMOVA	f Korea, Seongnam-si, Republic of Korea and Seongnam-si, Republic of Korea, y, hereinafter called assignor(s), have invented certain improvements in BLE STORAGE DEVICE AND METHOD OF DATA RECOVERY USING THE executed an application for Letters Patent of the United States of America therefor on: and
Gyeonggi-cin the appli	SAMSUNG ELECTRONICS CO., LTD., 416, Maetan-dong, Yeongtong-gu, Suwon-sido, Republic of Korea (assignee), desires to acquire the entire right, title, and interest ication and invention, and to any United States patents to be obtained therefor; w therefore, for valuable consideration, receipt whereof is hereby acknowledged,
assignee, it invention d under 35 U issue any L successors	the above named assignors, hereby sell, assign and transfer to the above named as successors and assigns, the entire right, title and interest in the application and the disclosed therein for the United States of America, including the right to claim priority I.S.C. §119, and we request the Director of the U.S. Patent and Trademark Office to letters Patent granted upon the invention set forth in the application to the assignee, its and assigns; and we will execute without further consideration all papers deemed by the assignee in connection with the United States application when called upon to e assignee.
We Pennsylvan (Applicatio	hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 hia Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses hin number, filed hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 his Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses hin number, filed hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 his Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses hin number, filed hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 his Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses hin number, filed hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 his Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses hin number, filed his application and confirmation number and filing date of said application
when know	n.
	s/Moon-sang KWON
ŕ	s/Moon-sang KWON
Date: no	vember 02, 2005 Burnsoo Kim
	s/Bum-soo KIM
Dotor	s/Young-joon CHOI
	The state of the s

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

RECORDED: 11/21/2005

PATENT REEL: 017250 FRAME: 0851