07-24-2003



CET U.S. DEPARTMENT OF COMMERCE dified) Form **PTO-1595** 102504767 NL X U.S. Patent and Trademark Office (Rev. 03/01) OMB No. 0651-0027 To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): SAMSUNG ELECTRONICS CO., LTD. Jae-Hwa KIM 416 Maetan-dong, Paldal-gu Il-Ju NA Suwon-city, Kyungki-do Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No 3. Nature of conveyance: ☐ Merger ☑ Assignment ☐ Security Agreement ☐ Change of Name ☐ Other ✓ No Execution Date: April 19, 2003 and June 20, 2003 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: B. Patent No.(s) A. Patent Application No.(s) Not Yet Assigned 10/356,716 Additional numbers attached? ☐ Yes ☑ No 6. Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: \$40.00 7. Total fee (37 CFR 3.41): SUGHRUE MION, PLLC ☑ Enclosed. WASHINGTON OFFICE ☐ Authorized to be charged to Deposit Account No. 19-4880. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said PATENT TRADEMARK OFFICE 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. Reg. No. 23,063 July 18, 2003 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

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Assignment

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Where	eas, I/We, Jae-hwa	a Kim and Il-ju	ı Na		of
B-402 Your	ngsvill Apt., 715	-15 Shincheon-d	long, Si	heung-si, Gyeonggi-d	٥,
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Anyang-si,	Gyeonggi-do, Rep	of Korea			
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hereinafter cal	led assignor(s), have	invented certain	improven	nente in	
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and executed a	an application for Let 2003; and		United S	tates of America therefor	on
Where	25	Samsung Ele	ctronic	s Co., Ltd.	
Where	40,	416 Maetan-			
		Suwon-city, Kyungki-do			
		Republic of	Korea	***************************************	
(assign invention, and	ee), desires to acquir to any United States	re the entire right, patents to be obta	title, and ained the	interest in the application refor;	n and
Now th	nerefore, for valuable	consideration, re	ceipt whe	ereof is hereby acknowled	dged.
			-	and transfer to the above	=
invention disclincluding right I/we request the upon the invention will execute the upon the	losed therein for the is of priority under the Director – U.S. Partion set forth in the agree that the assignee ute without further could the United States a	United States of A le International Content and Trademan application to the amount application all particular application appl	america a conventior rk Office assignee, reign Lett apers deer ations wh	interest in the application and all countries foreign the of Paris (1883) as amento issue any Letters Paterits successors and assignters Patent on the inventioned necessary by the assigned called upon to do so be	hereto, ded, and nt granted as; and on and ignee in by the
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(Application n 3515	umber <u>10/356,716</u>			rmation number) the filing	na data
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(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

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