OMB No. 0651-0011 (20, 449-4) To the Honorable Commissioner of Patents and Trademarks. Pressure revolutions and drives of receiving party(ies): 1. Name of conveying party(ies): HAN-JUNE YOON, HYUNG-JOO LEE, WON-JOO PARK Additional name(s) of conveying party(ies) attached? No Name: Samsung Electronies Co., Ltd. Internal Address: 416 Mactan-dong, Youngtong-gu, City: Suwon-si, Gyeonggi-do, REPUBLIC OF KOREA Additional name(s) & address(es) attached? No Name: Samsung Electronies Co., Ltd. Internal Address: 416 Mactan-dong, Youngtong-gu, City: Suwon-si, Gyeonggi-do, REPUBLIC OF KOREA Additional name(s) & address(es) attached? No Name: Samsung Electronies Co., Ltd. Internal Address: 416 Mactan-dong, Youngtong-gu, City: Suwon-si, Gyeonggi-do, REPUBLIC OF KOREA Additional name(s) & address(es) attached? No 13/236,932 Additional numbers attached? No S. Name and address of party to whom correspondence concerning document should be malded: Name: Engene M. Lee Internal Address: 416 Keinziew Park Drive, Suite 500 City: Palls Church, Suite: Ya ZiP: 22042 7. Total fee (37 C.F.R. 3.41) \$40.00 X. Enclosed (PTO-2038) X. Authorized to be charged to deposit account any additional fees 8. Deposit account number: \$-01645 (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 hellef, the foregoing information is true and correct and page, attached copy is a true copy of fine organizations of Person Signing Name of Person Signing Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assertion formation to: Commissioner of Patents & Trademarks, Box Assertion formation to: Commissioner of Patents & Trademarks, Box Assertion formation to: Commissioner of Patents & Trademarks, Box Assertion formation to:	FORM PTO-1595 (modified) 78 RE(09/23/2	2011 EET U.S. DEPARTMENT OF COMMERCE	
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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. Eugene M. Lee Name of Person Signing Attorney Docket No. 253/177 Total number of pages including cover sheet, attachments, and document: 2 pages attached included and pages including cover sheet information to: Commissioner of Patents & Trademarks, Box Assignificant.		(Attach duplicate copy of this page if paying by deposit account)	
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ASSIGNMENT

Name and Address of Assignee	For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto SAMSUNG ELECTRONICS CO., LTD., 416, Maetan-dong, Yeongtong-gu Suwon-si, Gyeonggi-do, Republic of Korea	
	(hereinafter ASSIONEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to	
Title of Invention	METHOD OF MEASURING CRITICAL DIMENSION OF PATTERN AND APPARATUS FOR PERFORMING THE SAME as set forth in this United States Patent Application	
Check One	□ executed concurrently herewith □ executed on □ Serial No. Filed	

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made:

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith:

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith:

fach of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefore or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned bereby grants the firm of LEE & MORSE, P.C. the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

N _z	AMES AND SIGNATURES OF INVE	ENTORS
Name: Han-June YOON	Signature:	Date: September 14.2011
Name: Hyung-Joo LEE	Signature:	Date: September 14 2011
Name: Won-Joo PARK	Signature:	Date: Septa for 14 >011
_ N.	AMES AND SIGNATURES OF WIT	NESSES
Name:	Signature:	Date:
Name:	Signature:	Date:

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authorize is proved by a certificate from a U.S. Consul.

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