PATENT ASSIGNMENT

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HA-JIN LIM	07/14/2010
DONG-SUK SHIN	07/14/2010
PAN-KWI PARK	07/14/2010

RECEIVING PARTY DATA

Name:	Samsung Electronics Co., Ltd	
Street Address:	416, Maetan-dong	
City:	Yeongtong-gu, Suwon-si, Gyeonggi-do	
State/Country:	KOREA, REPUBLIC OF	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12841245

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 8729-326

NAME OF SUBMITTER: FRANK CHAU

Total Attachments: 2

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PATENT REEL: 024724 FRAME: 0151

ASSIGNMENT DOCKET NO.: 8729-326 (IB-200904-005-1)

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that: IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever grant and convey unto:

Samsung Electronics Co., Ltd. ASSIGNEE:

416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, KOREA ADDRESS:

Who is my Assignee, and to the successes and assigns of my Assignee, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the invention entitled:

ETCH STOP LAYERS AND METHODS OF FORMING THE SAME TITLE:

invented by me (if only one inventor is named below) or us (if more than one inventor is named below) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment or indicates an attorney docket no.: 8729-326 (IB-200904-005-1) or is more particularly identified as:

	executed on even date herewith, or			
	Serial No.	_ filed in the U.S. Patent & Tr	rademark Office on	······································
	or			
	executed on			,
all cer exami patent my As terms, fully a	rtificates of corrections ned patents, and to any when granted, to be he ssignee, its successors, or any extension or re	s patents which may be granted as, divisions, continuations, conti	ontinuations-in-part, re rest being the entire ov SUNG ELECTRONIC tentatives, to the full end patents may	wissued and re- wnership of the CS CO., LTD., and of the term, be granted, as

AND I hereby covenant and agree to sign and execute any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or in the preparation and prosecution of any certificate of correction, division, continuation, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee;

AND I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and authorize and request Frank Chau, Reg. No. 34,136, to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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IN WITNESS WHEREOF, I and we have set our hands and seals on the dates written beside my and our respective names:

INVENTOR(S)

Date Signed

1) Hajin Lim Ha-Jin LIM 2010. 7.14

2) DONG SUK SHIN
Dong-Suk SHIN

2010.7.14

3) Pankwi Park
Pan-Kwi PARK

2010-7-14

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