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	FORM PTO-1595		U.S. DEPARTMENT OF COMMERCE
	©2005 Staas & Halsey LLP To the Director of the U.S. Patent and T	103312998	ument.
1.	Name of conveying party(ies): Hoe-Ku JUNG Myung-Sam KANG Jung-Hyun PARK	103312990	s. PTO 403
2.	Name and Address of receiving SAMSUNG ELECTRO-MECHAI 314 Maetan3-dong, Yeongtong-gu, Suwon-si Gyeonggi-do 443-743, Republic	NICŠ CO., LTD.	113264 U.
3.	Nature of conveyance: X Assignment Security Agreement Other: Execution Date(s): September	Merger Change of Name	
4.	Application number(s) or patent This document is being filed OR This document is being filed (a) Patent Application No(s). (b) Patent No(s)., issued.	together with a new application. after filing of the application:	
5.	Name and address of party to w STAAS & HALSEY LLP Attention: <u>David M. Pitcher</u> 1201 New York Ave., N.W., Suit Washington, D.C. 20005	rhom correspondence concerning Our Docket: te 700	
6.	Total number of applications and	d patents involved:1	
7.	Total fee (37 CFR 3.41) ⊠ Enclosed □ Authorized to be charged	(\$ 40.00 per Patent or Applic	cation in Assignment)
8.	Deposit Account No.: 19-3935 Account) (Attach duplicate copy of this pa	(Any underpayment is authorized age if paying by deposit account)	d to be charged to this Deposit
	d M. Pitcher, Reg. No. 25,908 e of Person Signing	Signature Signature	September 21, 2006 Date
****		Total number of	pages including cover sheet: 2

09/22/2006 RFEKADUI 00000039 11524403

PATENT REEL: 018333 FRAME: 0931

U.S. ASSIGNMENT

Docket No.

S&H 1/00

메모: Don't use this form for applns originating in U.S.

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

(Insert Name(s) & Address(es) of ASSIGNEE(S))

RECORDED: 09/21/2006

SAMSUNG ELECTRO-MECHANICS CO., LTD. 314 Maetan3-dong, Yeongtong-gu, Suwon-si Gyeonggi-do 443-743, Republic of Korea

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled (Title of Invention)

METHOD FOR MANUFACTURING SUBSTRATE WITH CAVITY

(a) executed on;	(Insert date of execution of application, if not concurrent)	
(a) executed on	(штови или от вхасилот от аррисалот, и пос солештет)	
(b) filed on,	Any registered attorney of STAAS & HALSEY LLP, 1201 New York	
Serial No;	Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.	
substitute, reissue or reexamination application ba	the United States granted on said application and any continuation, division, renewal ased thereon, for the full term or terms for which the said Letters Patent(s) may be ectively, hereinafter, "said application(s) and Letters Patent(s)").	
to do all acts which the ASSIGNEE may deem nec said invention, including in the preparation and pr interference, reissue, reexamination, or public use declared in relation to same, such acts to include	ted by sald ASSIGNEE and without charge to but at the expense of said ASSIGNEE essary, desirable or expedient, for securing, maintaining and enforcing protection fo osecution of said application(s) and the issuance of said Letters Patent(s), in any proceeding, and in any litigation or other legal proceeding which may arise or be but not be limited to executing all papers, including separate assignments and orn testimony, and obtaining and producing evidence.	
IN WITNESS WHEREOF the undersigned inv (Typed Name & Signature of Inventor(s)) 1) Hoe-Ku JUNG	entor(s) has (have) affixed his/her/their signature(s). (Date) (Typed Name & Signature of Witness(es) 2016.09. Thus Full Head	
2) Myung-Sam KANG	2006.09.14 Bun Evy Hunt July	
3) Wark Tung hijun Jung-Hyun PARK	2016. of 14 Hyn Eng Handley	
4)		

PATENT REEL: 018333 FRAME: 0932