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FORM PTO-1595

U.S. DEPARTMENT OF COMMERCE

JAN 27 2012

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Name of conveying parties:

- 1.) Gyung Hee HONG
- 2.) Tah Joon PARK
- 3.) Sang Ho LEE
- 4.) Yong II KWON
- 2. Name and Address of receiving party:

SAMSUNG ELECTRO-MECHANICS CO., LTD. 314 Maetan-3-dong, Yeongtong-gu, Suwon, Gyunggi-do,

	Republic of Korea					
3.	Nature of conveyance: X	2012	Merger Change of Name	•		
4.	Application number(s) or patent This document is being filed		new application.			
	OR This document is being filed (a) Patent Application No(s) (b) Patent No(s).			112; or		
5.	Name and address of party to w STAAS & HALSEY LLP Attention: <u>David M. Pitcher</u> 1201 New York Ave., N.W., 7th Washington, D.C. 20005	·	lence concerning Our Docket: <u>193</u>		mailed:	
6.	Total number of applications and patents involved:1					
7.	Total fee (37 CFR 3.41)	ed to credit card.		ation in Assignment)		
8.	Deposit Account No.: 19-3935 Account) (Attach duplicate copy of this pa		eposit account)			
	M. Pitcher, Reg. No. 25,908 of Person Signing	Si	gnature	12 KNGUYEN1 88 180920 1	ay 2.10 200	
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Revised April, 2011

PATENT REEL: 027811 FRAME: 0318

Docket No.

U.S. ASSIGNMENT

88/11/7/13

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))

<u>SAMSUNG ELECTRO-MECHANICS CO., LTD.</u> 314 Maetan-3-dong, Yeongtong-gu, Suwon, Gyunggi-do, Republic of Korea

(hercinaster, "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 TOUCH SENSING APPARATUS AND METHOD THEREOF relating to International Patent Application PCT/__ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was: (Insert date of execution of application, if not concurrent) (b) filed on Any registered attorney of STAAS & HALSEY LLP, 1201 New York Ave., N.W., Suite 700, Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known. and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)"). The ASSIGNOR agrec(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). (Date) (Typed Name & Signature of Witness(es)) (Typed Name & Signature of Inventor(s)) 1) Hong, Gyung Hee Jan. 10, 2012 HONG, Gyung Hee 2) Park Tah Joon Jan. 10, 20/2 PARK, Tah Joon 3) LEE, Sang Ho Jun. 10, 2012 4) Kwon yong it Jan, 10, 2012

> PATENT REEL: 027811 FRAME: 0319

RECORDED: 01/27/2012