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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PARTY	DATA				
			Mama	Execution Date	
PHIL HO JUNG			Name	08/08/2012	
YOUNG GI KIM				08/08/2012	
RECEIVING PARTY D	ATA				
Name:	SAMSUNG EI	LECTRO	O-MECHANICS CO., LTD.		
Street Address:	314, MAETAN	I 3-DON	NG, YEONGTONG-GU, SUWON		
City:	GYUNGGI-DO)			
State/Country:	KOREA, REP	UBLIC (OF		
Postal Code: 443-743					
	S Total: 1		Number		
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PATENT REEL: 032032 FRAME: 0639

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To the Director of the U.S. Patent and Trademark Office: Please record the attached document. Name of conveying party(ies): 1,) Phil Ho JUNG 2,) Young Gi KIM Name and Address of receiving party(ies): SAMSUNG ELECTRO-MECHANICS CO., LTD. 314 Maetan-3-dong, Yeongtong-gu, Suwon, Gyunggi-do, Republic of Korea Nature of conveyance: X		Patent and Trademark Office PATENTS ONLY
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SAMSUNG ELECTRO-MECHANICS CO., LTD. 314 Maetan-3-dong, Yeongtong-gu, Suwon, Gyunggi-do, Republic of Korea 3. Nature of conveyance: X Assignment	1.	1.) Phil Ho JUNG
314 Maetan-3-dong, Yeongtong-gu, Suwon, Gyunggi-do, Republic of Korea 3. Nature of conveyance: X Assignment	2.	Name and Address of receiving party(ies):
X Assignment Merger Change of Name Other: Execution Date(s): August 8, 2012 4. Application number(s) or patent number(s): This document is being filed together with a new application. OR		314 Maetan-3-dong, Yeongtong-gu, Suwon, Gyunggi-do,
This document is being filed together with a new application. OR ☐ This document is being filed after filing of the application: (a) Patent Application No(s). 13/588,208, filed August 17, 2012; or (b) Patent No(s). , issued . 5. Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 1938.1509 Attention: David M. Pitcher 1201 New York Ave., N.W., 7th Floor Washington, D.C. 20005 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)	3.	X Assignment Merger Security Agreement Change of Name Other: Other:
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 7. Total fee (37 CFR 3.41)	5.	STAAS & HALSEY LLP Our Docket: 1938,1509 Attention: David M. Pitcher 1201 New York Ave., N.W., 7th Floor
Enclosed Authorized to be charged to credit card. Authorized to be charged to deposit account. 8. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) (Attach duplicate copy of this page if paying by deposit account)	6.	Total number of applications and patents involved: 1
Account) (Attach duplicate copy of this page if paying by deposit account)	7.	☑ Enclosed☐ Authorized to be charged to credit card.
David M. Ritcher Reg. No. 25 908	8.	Account)
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Revised April, 2011

Docket No.

U.S. ASSIGNMENT

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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))

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

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relating to International Patent Application PCT/ / executed on even date herewith or, if not so executed, was:	and/or for which application for Letters Patent of the United States was
(a) exécuted on;	(Insert date of execution of application, if not concurrent)
(b) filed on Scrial No.	Any registered automey 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.
-as average contesting a value of reevamination application	nited States granted on said application and any continuation, division based thereon, for the full term or terms for which the said Letters hereof (collectively, hereinafter, "said application(s) and Letters
to do all acts which the ASSIGNEE may deem necessary protection for said invention, including in the preparation Palent(s), in any interference, reissue, reexamination, or payboth may arise on be declared in relation to same, such	SSIGNEE and without charge to but at the expense of said ASSIGNEF y destrable or expedient, for securing, maintaining and enforcing in and prosecution of said application(s) and the issuance of said Letter public use proceeding, and in any litigation or other legal proceeding acts to include but not be limited to executing all papers, including oaths, providing sworn testimony, and obtaining and producing.
IN WITNESS WHEREOF, the undersigned inventor((Typed Name & Signature of Inventor(s)) (Date	s) has (have) affixed his/her/their signature(s). c) (Typed Name & Signature of Witness(es))
1) Amf Shille August 8; 2012 TIDG Phil Ho	
TUNG, Phi Ho	
2) <u>Kim Young 41</u> August 8, 2012. KIM, Young Gi	
KIM, Young Gi V	· 제공 등 모르겠습니다는 현 경기 기가 통하는 것 같은 것 같아요?

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