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TA TRADEMAN	10/07/2013
	o the Director of the U.S. Patent and Trademari
1.	Name of conveying parties: 103662539 1.) Yee Na SHIN 2.) Yul Kyo CHUNG 3.) Seung Eun LEE
2.	Name and Address of receiving party: SAMSUNG ELECTRO-MECHANICS CO., LTD. 150, Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea
3.	Nature of conveyance: X
4.	 Application number(s) or patent number(s): ☐ 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). 14/041,235, filed September 30, 2013; 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: 1952,1392 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) (\$ 40.00 per Patent or Application in Assignment) ☑ 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)
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PATENT REEL: 031447 FRAME: 0226 and/or for which application for Letters Patent of the United States was

Docket No.

U.S. ASSIGNMENT

S&H 7/03

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. 150, Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do Republic of KOREA Postal code: 443-743

relating to International Patent Application PCT/____/

(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)

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executed on even date herewith or, if not so executed, was:	
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(b) filed on	Any registered attorney of STAAS & HALSEY I.I.P, 1201 New York Ave., N.W., Suite 700, Washington, D.C. 20005 (2021/434-1500) is hereby authorized to insert in (b) the specified data, when known.
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IN WITNESS WHEREOF, the undersigned inventor(s) in (Typed Name & Signature of Inventor(s))	has (have) affixed his/her/their signature(s). (<i>Date</i>)
1) Molu SHIN, Yee Na	9. 23. 2013
2) CHUNG, Yul Kyo	9,23,20/3
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- 2 -

9.23,20/3

LEE, Seung Eun

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