

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Jin O YOO	10/26/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SAMSUNG ELECTRO-MECHANICS CO., LTD.
<b>Street Address:</b>	314 Maetan 3-dong, Yeongtong-gu, Suwon,
<b>City:</b>	Gyeonggi-do
<b>State/Country:</b>	REPUBLIC OF KOREA
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13286771
<b>CORRESPONDENCE DATA</b>	
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<b>Correspondent Name:</b>	MCDERMOTT WILL & EMERY LLP
<b>Address Line 1:</b>	600 13TH STREET, N.W.
<b>Address Line 4:</b>	WASHINGTON, DISTRICT OF COLUMBIA 20005-3096
<b>ATTORNEY DOCKET NUMBER:</b>	069576-0989
<b>NAME OF SUBMITTER:</b>	Stephen A. Becker/ksa
<b>Total Attachments: 2</b> source=0695760989assigntransmittal#page1.tif source=0695760989assign#page1.tif	


CH \$40.00 13286771

RECORDATION FORM COVER SHEET

**Docket No.: 069576-0989**

**PATENTS ONLY**

To the Director of the U. S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

<p><b>1. Name of Conveying Party(ies)</b>  <b>Jin O YOO</b></p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p><b>2. Name and address of receiving party(ies)</b>                  Name: <b>SAMSUNG ELECTRO-MECHANICS CO., LTD.</b>                  Internal Address:                  Address: <b>314 Maetan 3-dong, Yeongtong-gu, Suwon, Gyungg-do, Republic of Korea</b></p>
<p><b>3. Nature of Conveyance/Execution Date(s)</b></p> <p>Execution Date(s): <b>October 26, 2011</b></p> <p><input checked="" type="checkbox"/> Assignment <span style="margin-left: 150px;"><input type="checkbox"/> Merger</span>  <input type="checkbox"/> Security Agreement <span style="margin-left: 150px;"><input type="checkbox"/> Change of Name</span>  <input type="checkbox"/> Joint Research Agreement  <input type="checkbox"/> Government Interest Assignment  <input type="checkbox"/> Executive Order 9424, Confirmatory License</p>	<p><b>4. Application or patent number(s):</b>                  A. Patent Application No(s).                  B. Patent No(s).</p> <p><input checked="" type="checkbox"/> This document is being filed together with a new application.</p>
<p><b>5. Name and address to whom correspondence concerning document should be mailed:</b></p> <p>Name: <b>MCDERMOTT WILL &amp; EMERY LLP</b>                  Internal Address:                  Street Address: <b>600 13th Street, N.W.</b>                  City: <b>Washington, D.C.</b> State: <b>DC</b> Zip: <b>20005-3096</b>                  Phone Number: <b>202.756.8000</b>                  Fax Number: <b>202.756.8087</b>                  Email Address: <b>mweipdocket@mwe.com</b></p>	<p><b>6. Total number of applications and patents involved:</b></p> <p><b>7. Total fee (37 CFR 1.21(h) &amp; 3.41) <span style="float:right">\$40.00</span></b>  <input type="checkbox"/> Authorized to be charged by credit card  <input checked="" type="checkbox"/> Authorized to be charged to deposit account  <input type="checkbox"/> Enclosed  <input type="checkbox"/> None required (government interest not affecting title)</p>
<p><b>9. Signature.</b>  <b>Stephen A. Becker 26,527</b></p>	<p><b>8. Payment Information:</b></p> <p>a. Credit Card Last 4 Numbers _____                  Expiration Date _____                  b. Deposit Account Number <u>500417</u>                  Authorized User Name _____</p>
<p>Name and Registration No. of Person Signing <span style="margin-left: 150px;"></span> <span style="float:right">November 1, 2011</span></p> <p align="center">Signature <span style="margin-left: 150px;">Date</span></p>	
<p>Total number of pages including cover sheet, attachments and documents: <span style="float:right">2</span></p>	

(SAB)

Docket No.: .....

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) YOO, Jin O (2) .....

who have made a certain new and useful invention, hereby sell, assign and transfer unto  
SAMSUNG ELECTRO-MECHANICS CO., LTD.

314 Maetan 3-dong, Yeongtong-gu, Suwon, Gyeonggi-do, Republic of Korea

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

(a) for which an application for United States Letters Patent was filed on .....  
and identified by United States Serial No. ....; or

(b) for which an application for United States Letters Patent was executed on .....

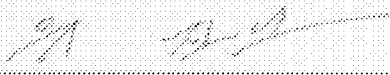
and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS

DATE SIGNED

1) 

2011, 10, 26

Name: YOO, Jin O

PATENT