

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>SANG GAB PARK</td> <td>02/22/2012</td> </tr> <tr> <td>NAM JIN PARK</td> <td>02/22/2012</td> </tr> <tr> <td>HEUNG GYOON CHOI</td> <td>02/22/2012</td> </tr> <tr> <td>HAN HEE LEE</td> <td>02/22/2012</td> </tr> <tr> <td>HYO JOONG AN</td> <td>02/22/2012</td> </tr> <tr> <td>KYU MIN PARK</td> <td>02/22/2012</td> </tr> <tr> <td>SU HUN JO</td> <td>02/22/2012</td> </tr> </tbody> </table>		Name	Execution Date	SANG GAB PARK	02/22/2012	NAM JIN PARK	02/22/2012	HEUNG GYOON CHOI	02/22/2012	HAN HEE LEE	02/22/2012	HYO JOONG AN	02/22/2012	KYU MIN PARK	02/22/2012	SU HUN JO	02/22/2012
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<table border="1"> <tr> <td>Name:</td> <td>SAMSUNG ELECTRO-MECHANICS CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>314 Maetan 3-dong, Yeongtong-gu, Suwon</td> </tr> <tr> <td>City:</td> <td>Gyunggi-do</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> </table>		Name:	SAMSUNG ELECTRO-MECHANICS CO., LTD.	Street Address:	314 Maetan 3-dong, Yeongtong-gu, Suwon	City:	Gyunggi-do	State/Country:	KOREA, REPUBLIC OF								
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CORRESPONDENCE DATA																	
<p>Fax Number: (202)756-8087</p> <p>Phone: 202-756-8000</p> <p>Email: mweipdocket@mwe.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: MCDERMOTT WILL & EMERY LLP</p> <p>Address Line 1: 600 13TH STREET, N.W.</p> <p>Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005-3096</p>																	
ATTORNEY DOCKET NUMBER:	090104-0173																

CH \$40.00 13420229

NAME OF SUBMITTER:

Stephen A. Becker 26527 (mjb)

Total Attachments: 3

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(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) <u>PARK, Sang Gab</u> | (5) <u>AN, Hyo Joong</u> |
| (2) <u>PARK, Nam Jin</u> | (6) <u>PARK, Kyu Min</u> |
| (3) <u>CHOI, Heung Gyoon</u> | (7) <u>JO, Su Hun</u> |
| (4) <u>LEE, Han Hee</u> | |

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, Gyunggi-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

DC/DC CONVERTER AND DRIVING APPARATUS HAVING THE SAME

(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 therefore 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) Park Sang Gab
 Name: PARK, Sang Gab

2012. 2. 21

2) Park Nam Jin
 Name: PARK, Nam Jin

2012. 2. 22

3) Choi Heung Gyoon
 Name: CHOI, Heung Gyoon

2012. 2. 22

4) LEE HAN HEE

Name: LEE, Han Hee

2012. 2. 22

5) An Hyo Joong

Name: AN, Hyo Joong

2012. 2. 22

6) Park Kyu Min

Name: PARK, Kyu Min

2012. 2. 22

7) Jo Su hun

Name: JO, Su Hun

2012. 2. 22

RECORDATION FORM COVER SHEET

Docket No.: 090104-0173

PATENTS ONLY

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

1. Name of Conveying Party(ies)

Sang Gab PARK, Nam Jin PARK, Heung Gyoon CHOI, Han Hee LEE, Hyo Joong AN, Kyu Min PARK, Su Hun JO

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of Conveyance/Execution Date(s)

Execution Date(s): **February 22, 2012**

- ☒ **Assignment** ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: **SAMSUNG ELECTRO-MECHANICS CO., LTD.**

Internal Address:

Address: **314 Maetan 3-dong, Yeongtong-gu, Suwon, Gyunggi-do, REPUBLIC OF KOREA**

Additional name(s) & address(es) attached? ☐ Yes ☐ No

4. Application or patent number(s):

A. Patent Application No(s).

Additional numbers attached? ☐ Yes ☐ No

☒ This document is being filed together with a new application.

B. Patent No(s).

5. Name and address to whom correspondence concerning document should be mailed:

Name: **MCDERMOTT WILL & EMERY LLP**

Internal Address:

Street Address: **600 13th Street, N.W.**

City: **Washington, D.C.** State: **DC** Zip: **20005-3096**

Phone Number: **202.756.8000**

Fax Number: **202.756.8087**

Email Address: **mweipdocket@mwe.com**

6. Total number of applications and patents involved:

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information:

a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit Account Number **500417**
Authorized User Name _____

9. Signature.

Stephen A. Becker 26527

Bernard P. Gold (Reg No. 46,428)

March 14, 2012

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and documents: **3**