

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT												
NATURE OF CONVEYANCE:	Corrective Assignment to correct the receiving party's country previously recorded on Reel 027709 Frame 0221. Assignor(s) hereby confirms the FROM Korea, Democratic People's Republic of TO Republic of Korea.												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Nam Pyo Suh</td><td>01/13/2012</td></tr><tr><td>Soon Heung Chang</td><td>01/13/2012</td></tr><tr><td>Dong Ho Cho</td><td>01/13/2012</td></tr><tr><td>Gyu Hyeong Cho</td><td>01/13/2012</td></tr><tr><td>Chun Taek Rim</td><td>01/13/2012</td></tr></tbody></table>		Name	Execution Date	Nam Pyo Suh	01/13/2012	Soon Heung Chang	01/13/2012	Dong Ho Cho	01/13/2012	Gyu Hyeong Cho	01/13/2012	Chun Taek Rim	01/13/2012
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Dong Ho Cho	01/13/2012												
Gyu Hyeong Cho	01/13/2012												
Chun Taek Rim	01/13/2012												
RECEIVING PARTY DATA													
Name:	Korea Advanced Institute of Science and Technology												
Street Address:	373-1 Guseong-dong												
Internal Address:	Yuseong-gu												
City:	Daejeon												
State/Country:	KOREA, REPUBLIC OF												
Postal Code:	305-701												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13262879</td></tr></tbody></table>		Property Type	Number	Application Number:	13262879								
Property Type	Number												
Application Number:	13262879												
CORRESPONDENCE DATA													
Fax Number:	(617)646-8646												
Phone:	6176468398												
Email:	patents_TommyF@wolfgreenfield.com												

PATENT

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.*

Correspondent Name: Thomas A. Franklin  
Address Line 1: 600 Atlantic Avenue  
Address Line 2: Wolf, Greenfield & Sacks, P.C.  
Address Line 4: Boston, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	O0333.70000US00
NAME OF SUBMITTER:	Thomas A. Franklin
Signature:	/Thomas A. Franklin/
Date:	03/27/2012

Total Attachments: 4  
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**RECEIPT INFORMATION**

EPAS ID: PAT1901559  
Receipt Date: 03/27/2012  
Fee Amount: \$40

501821332 02/15/2012

## PATENT ASSIGNMENT

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Email:	mchiusano@wolfgreenfield.com												
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	Robert H. Walat												
Address Line 1:	600 Atlantic Avenue												
Address Line 2:	Wolf, Greenfield & Sacks, P.C.												
Address Line 4:	Boston, MASSACHUSETTS 02210-2206												
ATTORNEY DOCKET NUMBER:	00333.70000US00												
NAME OF SUBMITTER:	Melanie Chiusano												

PATENT

REEL: 028096 FRAME: 0204

OP \$40.00 13262879

**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

1. Sell, assign and transfer to Korean Advanced Institute of Science and Technology, having a place of business at 373-1 Guseong-dong, Yuseong-gu, REPUBLIC OF KOREA 305-701, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on October 4, 2011 under No. 13/262,876, bearing Attorney Docket No. 00333.70000US00, and entitled ULTRA SLIM POWER SUPPLY DEVICE AND POWER ACQUISITION DEVICE FOR ELECTRIC VEHICLE, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea, as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent;
2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office and non-US patent authorities to issue the Letters Patent to the Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

2478706.1

Attorney Docket No. 00333.70000US00

Page 2 of 8

Jan. 13, 2012

Date



Inventor: Nam Pyo Suh

Address: Korean Advanced Institute of Science and  
Technology

373-1 Guseong-dong

Yuseong-Gu

Daejeon

REPUBLIC OF KOREA 306-701

Citizenship: U.S.A.

Witness:

Date

Signature

Name:

Address:

Witness:

Date

Signature

Name:

Address:

2478708.1

Attorney Docket No. Q0393.70000U800

Page 3 of 6

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Date

Inventor: Soon Heung Chang  
Address: Korean Advanced Institute of Science and  
Technology  
378-1 Guseong-dong  
Yuseong-Gu  
Daejeon  
REPUBLIC OF KOREA 305-701  
Citizenship: Republic of Korea

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2479705.1

Attorney Docket No. C0333.70000US00

Page 4 of 8

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Date

\_\_\_\_\_  
Inventor: Dongho Cho

Address: Korean Advanced Institute of Science and  
Technology

373-1 Guseong-dong

Yuseong-Gu

Daejeon

REPUBLIC OF KOREA 305-701

Citizenship: Republic of Korea

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2473705,1

Attorney Docket No. 00333.70000US00

Page 5 of 6

\_\_\_\_\_  
Date

\_\_\_\_\_  
Inventor: Gyu Hyeong Cho

Address: Korean Advanced Institute of Science and  
Technology

373-1 Guseong-dong

Yuseong-Gu

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REPUBLIC OF KOREA 305-701

Citizenship: Republic of Korea

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2479705.1



Attorney Docket No. 00333.70000US00

Page 6 of 8

Date \_\_\_\_\_

Inventor: Chun Taek Rim \_\_\_\_\_

Address: Korean Advanced Institute of Science and  
Technology

373-1 Guseong-dong

Yuseong-Gu

Daejeon

REPUBLIC OF KOREA 308-701

Citizenship: Republic of Korea

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2478705.1

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3. Request the Director of the United States Patent and Trademark Office and non-US patent authorities to issue the Letters Patent to the Assignee;
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2478708.1

Attorney Docket No. 00333.70000US00

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Inventor: Nam Pyo Suh  
Address: Korean Advanced Institute of Science and  
Technology  
373-1 Guseong-dong  
Yuseong-Gu  
Daejeon  
REPUBLIC OF KOREA 305-701  
Citizenship: U.S.A.

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2478703.1

Attorney Docket No. Q0333.70000US00

Page 3 of 6

Jan. 13, 2012

Date



Inventor: Soon Haung Chang

Address: Korean Advanced Institute of Science and Technology

373-1 Guseong-dong

Yuseong-Gu

Daejeon

REPUBLIC OF KOREA 305-701

Citizenship: Republic of Korea

Witness:

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Signature

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Witness:

Date

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Address:

2473706.1

Attorney Docket No. 00333.70000US00

Page 4 of 8

\_\_\_\_\_  
Date

\_\_\_\_\_  
Inventor: Dongho Cho

Address: Korean Advanced Institute of Science and  
Technology

373-1 Guseong-dong

Yuseong-Gu

Daejeon

REPUBLIC OF KOREA 306-701

Citizenship: Republic of Korea

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2478705.1

Attorney Docket No. 00393.70000US00

Page 8 of 8

Date \_\_\_\_\_

Inventor: Gyu Hyeong Cho

Address: Korean Advanced Institute of Science and  
Technology

373-1 Guseong-dong

Yuseong-Gu

Daejeon

REPUBLIC OF KOREA 305-701

Citizenship: Republic of Korea

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2478708.1

Attorney Docket No. Q0333.70000U600

Page 6 of 8

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Inventor: Chun Taek Rim  
 Address: Korean Advanced Institute of Science and  
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 373-1 Guseong-dong  
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Address: Korean Advanced Institute of Science and  
Technology  
373-1 Guseong-dong  
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Attorney Docket No. 00333.70000US00

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Address: Korean Advanced Institute of Science and Technology

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This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

2478708.1

Attorney Docket No. 00333,70000US00

Page 2 of 8

\_\_\_\_\_  
Date

\_\_\_\_\_  
Inventor: Nam Pyo Suh

Address: Korean Advanced Institute of Science and  
Technology

373-1 Guseong-dong

Yuseong-Gu

Daejeon

REPUBLIC OF KOREA 305-701

Citizenship: U.S.A.

Witness:

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Date

\_\_\_\_\_  
Signature

Name: \_\_\_\_\_

Address: \_\_\_\_\_

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Witness:

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Signature

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

2478708.1

Attorney Docket No. C0333,70000US00

Page 3 of 6

Date \_\_\_\_\_

Inventor: Soon Heung Chang

Address: Korean Advanced Institute of Science and  
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Daejeon

REPUBLIC OF KOREA 305-701

Citizenship: Republic of Korea

Witness:

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Address: \_\_\_\_\_

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2478705.1



Attorney Docket No. 00933.70000US00

Page 4 of 6

\_\_\_\_\_  
Date

\_\_\_\_\_  
Inventor: Dongho Cho

Address: Korean Advanced Institute of Science and  
Technology

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REPUBLIC OF KOREA 305-701

Citizenship: Republic of Korea

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Address: \_\_\_\_\_

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2470706.1

Attorney Docket No. 00333.70000US00

Page 6 of 8

Jan. 13, 2012

Date

*Choo*

Inventor: Gyu Hyeon Cho  
 Address: Korean Advanced Institute of Science and  
 Technology  
 373-1 Guseong-dong  
 Yuseong-Gu  
 Daejeon  
 REPUBLIC OF KOREA 305-701  
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Name:

Address:

2479708.1

Attorney Docket No. 00333,70000US00

Page 6 of 6

\_\_\_\_\_  
Date

\_\_\_\_\_  
Inventor: Chun Taek Rim  
Address: Korean Advanced Institute of Science and  
Technology  
373-1 Guseong-dong  
Yuseong-Gu  
Daejeon  
REPUBLIC OF KOREA, 305-701  
Citizenship: Republic of Korea

Witness:

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Address: \_\_\_\_\_  
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Witness:

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Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
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2478706.1

**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

1. Sell, assign and transfer to Korean Advanced Institute of Science and Technology, having a place of business at 373-1 Guseong-dong, Yuseong-gu, REPUBLIC OF KOREA 305-701, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on October 4, 2011 under No. 13/262,879, bearing Attorney Docket No. 00333.70000US00, and entitled ULTRA SLIM POWER SUPPLY DEVICE AND POWER ACQUISITION DEVICE FOR ELECTRIC VEHICLE, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea, as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent;
2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office and non-US patent authorities to issue the Letters Patent to the Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

2479708.1

Attorney Docket No. 00333.70000USD0

Page 2 of 5

\_\_\_\_\_  
Date

\_\_\_\_\_  
Inventor: Nam Pyo Suh

Address: Korean Advanced Institute of Science and  
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373-1 Guseong-dong

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2479705.1

Attorney Docket No. 00333.70000US00

Page 3 of 6

Date \_\_\_\_\_

Inventor: Soon Haung Chang

Address: Korean Advanced Institute of Science and Technology

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REPUBLIC OF KOREA, 305-701

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2479705.1

Attorney Docket No. 00993.70000US00

Page 4 of 8

\_\_\_\_\_  
Date

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Citizenship: Republic of Korea

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2478706.1

Attorney Docket No. 00333.70000US00

Page 5 of 6

Date \_\_\_\_\_

Inventor: Gyu Hyeong Cho

Address: Korean Advanced Institute of Science and  
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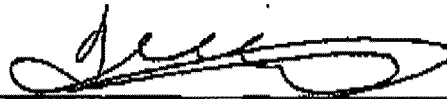


Attorney Docket No. C0333.70000U600

Page 8 of 8

Jan. 13, 2012

Date



Inventor: Chun Taek Rim

Address: Korean Advanced Institute of Science and Technology

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REPUBLIC OF KOREA 305-701

Citizenship: Republic of Korea

Witness:

Date

Signature

Name:

Address:

Witness:

Date

Signature

Name:

Address:

2478705.1

<b>PATENT ASSIGNMENT</b>
--------------------------

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	<b>CORRECTIVE ASSIGNMENT</b>												
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the receiving party's country previously recorded on Reel 027709 Frame 0221. Assignor(s) hereby confirms the FROM Korea, Democratic People's Republic of TO Republic of Korea.												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Nam Pyo Suh</td> <td>01/13/2012</td> </tr> <tr> <td>Soon Heung Chang</td> <td>01/13/2012</td> </tr> <tr> <td>Dong Ho Cho</td> <td>01/13/2012</td> </tr> <tr> <td>Gyu Hyeong Cho</td> <td>01/13/2012</td> </tr> <tr> <td>Chun Taek Rim</td> <td>01/13/2012</td> </tr> </tbody> </table>		Name	Execution Date	Nam Pyo Suh	01/13/2012	Soon Heung Chang	01/13/2012	Dong Ho Cho	01/13/2012	Gyu Hyeong Cho	01/13/2012	Chun Taek Rim	01/13/2012
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<b>RECEIVING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>Korea Advanced Institute of Science and Technology</td> </tr> <tr> <td><b>Street Address:</b></td> <td>373-1 Guseong-dong</td> </tr> <tr> <td><b>Internal Address:</b></td> <td>Yuseong-gu</td> </tr> <tr> <td><b>City:</b></td> <td>Daejeon</td> </tr> <tr> <td><b>State/Country:</b></td> <td>KOREA, REPUBLIC OF</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>305-701</td> </tr> </table>		<b>Name:</b>	Korea Advanced Institute of Science and Technology	<b>Street Address:</b>	373-1 Guseong-dong	<b>Internal Address:</b>	Yuseong-gu	<b>City:</b>	Daejeon	<b>State/Country:</b>	KOREA, REPUBLIC OF	<b>Postal Code:</b>	305-701
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<b>Application Number:</b>	13262879												
<b>CORRESPONDENCE DATA</b>													
<b>Fax Number:</b>	(617)646-8646												
<b>Phone:</b>	6176468398												
<b>Email:</b>	patents_TommyF@wolfgreenfield.com												
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
<b>Correspondent Name:</b>	Thomas A. Franklin												
<b>Address Line 1:</b>	600 Atlantic Avenue												
<b>Address Line 2:</b>	Wolf, Greenfield & Sacks, P.C.												
<b>Address Line 4:</b>	Boston, MASSACHUSETTS 02210												

**PATENT**

**RECORDED: 04/20/2012**

**REEL: 028096 FRAME: 0235**