

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>Jun-Gyeong Lee</td> <td>09/30/2009</td> </tr> <tr> <td>Jung-Youl Lee</td> <td>09/30/2009</td> </tr> <tr> <td>Jeong-Sik Kim</td> <td>09/30/2009</td> </tr> <tr> <td>Eu-Jean Jang</td> <td>09/30/2009</td> </tr> <tr> <td>Jae-Woo Lee</td> <td>09/30/2009</td> </tr> <tr> <td>Deog-Bae Kim</td> <td>09/30/2009</td> </tr> <tr> <td>Jae-Hyun Kim</td> <td>09/30/2009</td> </tr> </tbody> </table>		Name	Execution Date	Jun-Gyeong Lee	09/30/2009	Jung-Youl Lee	09/30/2009	Jeong-Sik Kim	09/30/2009	Eu-Jean Jang	09/30/2009	Jae-Woo Lee	09/30/2009	Deog-Bae Kim	09/30/2009	Jae-Hyun Kim	09/30/2009
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RECEIVING PARTY DATA																	
Name:	Dongjin Semichem Co., Ltd.																
Street Address:	472-2, Gajwa-Dong, Seo-Ku																
City:	Incheon																
State/Country:	REPUBLIC OF KOREA																
Postal Code:	404-250																
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>12618530</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12618530												
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CORRESPONDENCE DATA																	
Fax Number:	(718)554-1956																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
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OP \$40.00 12618530

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PATENT
REEL: 023517 FRAME: 0474

NAME OF SUBMITTER:

Hyun Jong Park

Total Attachments: 5

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Assignment

WHEREAS, I/we, the undersigned inventor(s), have made certain inventions or discoveries (or both) as set forth in an application for Letters Patent of the United States of America, entitled METHOD FOR FORMING FINE PATTERN IN SEMICONDUCTOR DEVICE, bearing Patent Application Serial No. _____, filed on _____;

WHEREAS, DONGJIN SEMICHEM CO., LTD. organized and existing under the laws of Republic of Korea, whose address is 472-2, Gajwa-Dong, Seo-Ku, Incheon, 404-250, Republic of Korea

and, together with its successors and assigns is hereinafter called "Assignee", and is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

NOW THEREFORE, for valuable consideration furnished by Assignee to me/us, receipt and sufficiency of which I/we hereby acknowledge, I/we hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my/our name(s) or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patents to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that I/we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I/we have good right to assign the same to Assignee without encumbrance;

5. Bind my/our heirs, legal representatives and assigns, as well as myself/ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me/us or them, all acts reasonably serving to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me/us, my/our heirs, legal representatives and

assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents, including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me/us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my/our control or in the control of my/our heirs, legal representatives or assigns, which may be useful for establishing the facts of my/our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN WITNESS WHEREOF, I/we the inventor(s), Jun-Gyeong LEE; Jung-Youl LEE; Jeong-Sik KIM; Eu-Jean JANG; Jae-Woo LEE; Deog-Bae KIM; Jae-Hyun KIM, have hereunto duly executed this Assignment.

Jun Gyeong LEE
Signature of Sole or First Inventor

Jun-Gyeong LEE
Full Name of Sole or First Inventor (please print)

September 30, 2009
Date

Declaration of Witness for Sole or First Inventor

I declare that I was personally present and did see, who is personally known to me to be the person named in this assignment, duly sign and execute the same.

Declared at Hwasong - S. Gyeongju on the date of September 30, 2009

Son E.K.
Signature of Witness

Eunkyung Son
Full Name of Witness

JUNG YOUL LEE
Signature of Second Inventor

Jung-Youl LEE
Full Name of Second Inventor (please print)

of. 30. 2009
Date

Declaration of Witness for Second Inventor

I declare that I was personally present and did see, who is personally known to me to be the person named in this assignment, duly sign and execute the same.

Declared at Huaseong-Si, Gyeonggi-do, on the date of September 30, 2009

Son E. K.
Signature of Witness

Eunkyung Son
Full Name of Witness

Jeong Sik KIM
Signature of Third Inventor

Jeong-Sik KIM
Full Name of Third Inventor (please print)

of. 30. 2009
Date

Declaration of Witness for Third Inventor

I declare that I was personally present and did see, who is personally known to me to be the person named in this assignment, duly sign and execute the same.

Declared at Huaseong-Si, Gyeonggi-do, on the date of September 30, 2009

Son E. K.
Signature of Witness

Eunkyung Son
Full Name of Witness

Eu Jean JANG
Signature of Fourth Inventor

Eu-Jean JANG
Full Name of Fourth Inventor (please print)

09 30 2009
Date

Declaration of Witness for Fourth Inventor

I declare that I was personally present and did see, who is personally known to me to be the person named in this assignment, duly sign and execute the same.

Declared at Hwaseong-Si, Gyeonggi-do, on the date of September 30, 2009

Son E.K.
Signature of Witness

Eunkyung Son
Full Name of Witness

Jae-Woo LEE
Signature of Fifth Inventor

Jae-Woo LEE
Full Name of Fifth Inventor (please print)

09 30 2009
Date

Declaration of Witness for Fifth Inventor

I declare that I was personally present and did see, who is personally known to me to be the person named in this assignment, duly sign and execute the same.

Declared at Hwaseong-Si, Gyeonggi-do, on the date of September 30, 2009

Son E.K.
Signature of Witness

Eunkyung Son
Full Name of Witness

DEOLBAE KIM
Signature of Sole or Sixth Inventor

Dong-Bae KIM
Full Name of Sole or Sixth Inventor (please print)

09.30.2009
Date

Declaration of Witness for Sole or Sixth Inventor

I declare that I was personally present and did see, who is personally known to me to be the person named in this assignment, duly sign and execute the same.

Declared at Hwaseong-Si, Gyeonggi-do, on the date of September 30, 2009

Son E.K.
Signature of Witness

Eunkyung Son
Full Name of Witness

JAEHYUN KIM
Signature of Sole or Seventh Inventor

Jae-Hyun KIM
Full Name of Sole or Seventh Inventor (please print)

09.30.2009
Date

Declaration of Witness for Sole or Seventh Inventor

I declare that I was personally present and did see, who is personally known to me to be the person named in this assignment, duly sign and execute the same.

Declared at Hwaseong-Si, Gyeonggi-do, on the date of September 30, 2009

Son E.K.
Signature of Witness

Eunkyung Son
Full Name of Witness