

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2604818

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>JOON-YOUNG MOON</td> <td>10/23/2013</td> </tr> <tr> <td>YOUN-JIN CHO</td> <td>10/23/2013</td> </tr> <tr> <td>SUNG-JAE LEE</td> <td>10/23/2013</td> </tr> <tr> <td>YOU-JUNG PARK</td> <td>10/23/2013</td> </tr> <tr> <td>YONG-WOON YOON</td> <td>10/23/2013</td> </tr> <tr> <td>CHUL-HO LEE</td> <td>10/23/2013</td> </tr> <tr> <td>CHUNG-HEON LEE</td> <td>10/23/2013</td> </tr> </tbody> </table>		Name	Execution Date	JOON-YOUNG MOON	10/23/2013	YOUN-JIN CHO	10/23/2013	SUNG-JAE LEE	10/23/2013	YOU-JUNG PARK	10/23/2013	YONG-WOON YOON	10/23/2013	CHUL-HO LEE	10/23/2013	CHUNG-HEON LEE	10/23/2013
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<table border="1"> <tr> <td>Name:</td> <td>CHEIL INDUSTRIES, INC.</td> </tr> <tr> <td>Street Address:</td> <td>290 GONGDAN-DONG,</td> </tr> <tr> <td>City:</td> <td>GUMI-SI, KYEONGSANGBUK-DO</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> <tr> <td>Postal Code:</td> <td>730-030</td> </tr> </table>		Name:	CHEIL INDUSTRIES, INC.	Street Address:	290 GONGDAN-DONG,	City:	GUMI-SI, KYEONGSANGBUK-DO	State/Country:	KOREA, REPUBLIC OF	Postal Code:	730-030						
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CORRESPONDENCE DATA																	
Fax Number:	(703)207-0003																
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>																	
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ATTORNEY DOCKET NUMBER:	299/1026																
PATENT																	

NAME OF SUBMITTER:	JAY P. BEALE
Signature:	/Jay P. Beale/
Date:	11/06/2013
Total Attachments: 1 source=Assignment#page1.tif	

**ASSIGNMENT**

Name and Address of Assignee	For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto <b>CHEIL INDUSTRIES, INC.,</b> <b>290 Gongdan-dong, Gumi-si,</b> <b>Kyeongsangbuk-do, 730-030 Republic of Korea</b>
	(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to

Title of Invention	<b>A Method for Forming a Dual Damascene Structure of a Semiconductor Device, and a Semiconductor Device Therewith</b> as set forth in this United States Patent Application
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Check One	<input checked="" type="checkbox"/> executed concurrently herewith <input type="checkbox"/> executed on _____ <input type="checkbox"/> Serial No. _____ Filed _____
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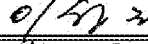


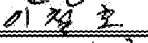
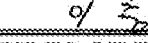
in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefore or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **LEE & MORSE, P.C.** the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS		
Name: Joon-Young MOON	Signature: 	Date: 10/23/2013
Name: Youn-Jin CHO	Signature: 	Date: 10/23/2013
Name: Sung-Jae LEE	Signature: 	Date: 10/23/2013
Name: You-Jung PARK	Signature: 	Date: 10/23/2013
Name: Yong-Woon YOON	Signature: 	Date: 10/23/2013
Name: Chul-Ho LEE	Signature: 	Date: 10/23/2013
Name: Chung-Heon LEE	Signature: 	Date: 10/23/2013
NAMES AND SIGNATURES OF WITNESSES		
Name:	Signature:	Date:
Name:	Signature:	Date:

Note: *Prima facie* evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

**PATENT****RECORDED: 11/06/2013****REEL: 031551 FRAME: 0657**