

PATENT ASSIGNMENT COVER SHEET

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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>PETRI RAISANEN</td> <td>05/04/2012</td> </tr> <tr> <td>MICHAEL GIVENS</td> <td>05/04/2012</td> </tr> <tr> <td>MOHITH VERGHESE</td> <td>05/04/2012</td> </tr> </tbody> </table>		Name	Execution Date	PETRI RAISANEN	05/04/2012	MICHAEL GIVENS	05/04/2012	MOHITH VERGHESE	05/04/2012
Name	Execution Date								
PETRI RAISANEN	05/04/2012								
MICHAEL GIVENS	05/04/2012								
MOHITH VERGHESE	05/04/2012								
RECEIVING PARTY DATA									
Name:	ASM IP HOLDINGS B.V.								
Street Address:	VERSTERKERSTRAAT 8								
City:	ALMERE								
State/Country:	NETHERLANDS								
Postal Code:	1322 AP								
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>14183187</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14183187				
Property Type	Number								
Application Number:	14183187								
CORRESPONDENCE DATA									
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Signature:	/Cynthia L. Pillote/								

Date:

02/18/2014

Total Attachments: 2

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ASSIGNMENT

WHEREAS, we, Petri Raisanen of Gilbert, Arizona; Michael Givens of Phoenix, Arizona; and Mohith Verghese of Phoenix, Arizona, have invented subject matter disclosed and/or claimed in a patent application entitled SEMICONDUCTOR DEVICE DIELECTRIC INTERFACE LAYER, the specification of which:

is attached hereto; or

was filed on May 7, 2012 and has been given application No. 13/465,340

(I hereby authorize the attorneys/agents at Alleman Hall McCoy Russell & Tuttle LLP, Customer Number 50488, to insert the filing date and application number of said application when known)

WHEREAS, ASM IP Holdings B.V., a corporation in the Netherlands, having its principal place of business at Versterkerstraat 8, 1322 AP Almere, the Netherlands, is desirous of acquiring an interest therein;

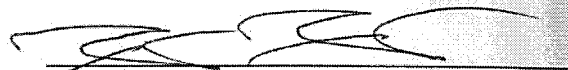
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which hereby are acknowledged, we, Petri Raisanen, Michael Givens, and Mohith Verghese, have sold, assigned, and transferred, and do hereby sell, assign, and transfer, to ASM IP Holdings B.V., its successors and assigns, the full and exclusive right to the invention in the United States and its territorial possessions and in all foreign countries, and the entire right, title, and interest in and to any and all Letters Patent that may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, continuations, reissues, substitutions, and extensions thereof.

We hereby authorize and request the Patent Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to ASM IP Holdings B.V., as the assignee of our entire right, title, and interest in and to the same, for the sole use of ASM IP Holdings B.V., and its successors and assigns.

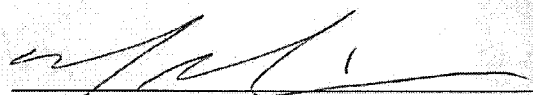
Further, we hereby covenant and agree to and with ASM IP Holdings B.V., and its successors and assigns, at the time of execution and delivery of these presents, that we are the sole and lawful owner of the entire right, title, and interest in and to the invention and the above-identified patent application, and that the same are unencumbered, and that we have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

Further, we agree that we will communicate to ASM IP Holdings B.V., or its representatives, any facts known to us respecting the invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue, substitution, and extension applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to ASM IP Holdings B.V., make all rightful oaths, and generally do everything possible to aid ASM IP Holdings B.V., and its successors and assigns, to obtain and enforce proper protection for the invention in the United States and in any and all foreign countries.

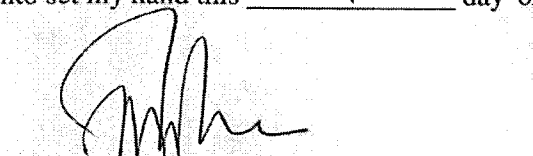
IN TESTIMONY WHEREOF, I have hereunto set my hand this 4th day of May, 2012


Petri Raisanen

IN TESTIMONY WHEREOF, I have hereunto set my hand this 4TH day of MAY, 2012.


Michael Givens

IN TESTIMONY WHEREOF, I have hereunto set my hand this 4th day of May, 2012.


Mohith Verghese