

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3381449

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
QI XIE	06/01/2015
FU TANG	06/01/2015
MICHAEL GIVENS	06/01/2015
PETRI RAISANEN	06/01/2015
JAN WILLEM MAES	06/01/2015
RECEIVING PARTY DATA	
Name:	ASM IP HOLDING B.V.
Street Address:	VERSTERKERSTAAT 8
City:	ALMERE
State/Country:	NETHERLANDS
Postal Code:	1322 AP
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14729510
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	ASMINT.131AUS
NAME OF SUBMITTER:	ZI Y. WONG
SIGNATURE:	/Zi Y. Wong/
DATE SIGNED:	06/03/2015
This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 6

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COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: ASMINT.131AUS

Page 1 of 6

Title: METHODS FOR SEMICONDUCTOR PASSIVATION BY NITRIDATION

Inventors: Qi Xie, Fu Tang, Michael Givens, Petri Raisanen, and Jan Willem Maes

Declaration

This Declaration is directed to the application identified above that:

Is attached, where "attached" means filed concurrently with.

As a named inventor, I declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

Assignment from Inventors

WHEREAS, **above-identified inventors** (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental designs, or discoveries, and hereby assign or are under an obligation to assign to the below identified Assignee the above-titled application (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States (identified above) has been prepared for filing with the United States Patent and Trademark Office (hereinafter the "Application").

AND WHEREAS, **ASM IP Holding B.V.**, with its principal place of business at Versterkerstaat 8, 1322 AP Almere, The Netherlands (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all patent properties filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

all provisional applications relating thereto;

all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the present Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof; and

all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof.

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all aforementioned patent properties, and authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on

PATENT

REEL: 035781 FRAME: 0074

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*

Docket No.: ASMINT.131AUS

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Title: METHODS FOR SEMICONDUCTOR PASSIVATION BY NITRIDATION

Inventors: Qi Xie, Fu Tang, Michael Givens, Petri Raisanen, and Jan Willem Maes

applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other Patent Property relating to the Application and the Work or any improvements made thereto, sign/execute all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

Legal Name of inventor: Qi Xie

Signature: _____

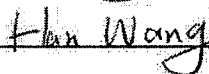


Date: June 1, 2015

Witnessed by: _____



Witness Name (printed): _____



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REEL: 035781 FRAME: 0075

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: ASMINT.131AUS

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Title: METHODS FOR SEMICONDUCTOR PASSIVATION BY NITRIDATION

Inventors: Qi Xie, Fu Tang, Michael Givens, Petri Raisanen, and Jan Willem Maes

Legal Name of Inventor: Fu Tang

Signature: _____

Date: _____

Witnessed by: _____

Witness Name (printed): _____

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

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Docket No.: ASMINT.131AUS

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Title: METHODS FOR SEMICONDUCTOR PASSIVATION BY NITRIDATION

Inventors: Qi Xie, Fu Tang, Michael Givens, Petri Raisanen, and Jan Willem Maes

Legal Name of inventor: Michael Givens

Signature: _____

Date: _____

Witnessed by: _____

Witness Name (printed): _____

BED P SHARMA

PATENT

REEL: 035781 FRAME: 0077

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

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Docket No.: ASMINT.131AUS

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Title: METHODS FOR SEMICONDUCTOR PASSIVATION BY NITRIDATION

Inventors: Qi Xie, Fu Tang, Michael Givens, Petri Raisanen, and Jan Willem Maes

Legal Name of Inventor: Petri Raisanen

Signature: _____

Date: _____

06/01/2015

Witnessed by: _____

Witness Name (printed): _____

DONG LI

PATENT

REEL: 035781 FRAME: 0078

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

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Title: METHODS FOR SEMICONDUCTOR PASSIVATION BY NITRIDATION

Inventors: Qi Xie, Fu Tang, Michael Givens, Petri Raisanen, and Jan Willem Maes

Legal Name of inventor: Jan Willem Maes

Signature: _____

Date: June 1, 2015

Witnessed by: _____

Witness Name (printed): _____

Han Wang

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