

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Adrianus Johannes Petrus Maria VERMEER	03/16/2012
Gabi P. JANSSEN	03/22/2012
RECEIVING PARTY DATA	
Name:	Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
Street Address:	Schoemakerstraat 97
City:	Delft
State/Country:	NETHERLANDS
Postal Code:	2628 VK
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13387414
CORRESPONDENCE DATA	
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Phone:	202-824-3000
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<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:	BANNER & WITCOFF, LTD.
Address Line 1:	1100 13th STREET, N.W.
Address Line 2:	SUITE 1200
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20005-4051
ATTORNEY DOCKET NUMBER:	007938.00026
NAME OF SUBMITTER:	Benjamin C. Spehlmann
Total Attachments: 4 source=assignment#page1.tif source=assignment#page2.tif source=assignment#page3.tif source=assignment#page4.tif	

CH \$40.00 13387414

ASSIGNMENT

WHEREAS, WE, Adrianus Johannes Petrus Maria VERMEER, residing in The Netherlands and Gabi P. JANSSEN, residing in The Netherlands (ASSIGNORS), are the inventors of certain inventions and improvements described in a U.S. patent application identified by having the title:

APPARATUS AND METHOD FOR ATOMIC LAYER DEPOSITION

which application was filed as U.S. Application Serial Number 13/387,414 on January 27, 2012, and filed as PCT International Application PCT/NL2010/050491 (published as WO 2011/014070 A1) on July 30, 2010.

and WHEREAS

Nederlandse Organisatie voor toegepast- natuurwetenschappelijk onderzoek TNO
Schoemakerstraat 97
2628 VK Delft
The Netherlands

ASSIGNEE, desires to acquire the entire right, title and interest in and to the said application, inventions and improvements and any patents that may be granted on or as a result thereof in the United States of America (U.S.) and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged,

We hereby assign, to the above named ASSIGNEE, its successors, assign and legal representatives (NOMINEES) the entire right, title and interest in and to said application, inventions and improvements throughout the world and to any and all patents, petty patents and utility model patents which may be granted therefor, and all continuations, continuations-in-part, divisions, reissues, extensions, renewals, and any non-provisional based on a provisional thereof (LETTERS PATENT).

And we covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement or do anything in conflict herewith;

And we further covenant and agree that we will without undue delay execute without further consideration all such papers as may be necessary to perfect the title to said application, inventions and improvements, and LETTERS PATENT in the ASSIGNEE or its NOMINEES, and we agree to communicate to said ASSIGNEE or its NOMINEES all known facts respecting

said application, inventions, improvements, and LETTERS PATENT, to testify in any legal proceedings, to sign all lawful papers, and generally to do all things necessary to aid ASSIGNEE or its NOMINEES to obtain and enforce for their own benefit patent protection for said application, inventions and improvements in any and all countries, all at the expense, however, of the ASSIGNEE or its NOMINEES;

And we authorize the ASSIGNEE or its NOMINEES to file in our names or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and we authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to said ASSIGNEE or its NOMINEES any and all LETTERS PATENT for said application, inventions and improvements, for their sole use, to the full end of the term for which such LETTERS PATENT may be granted;

And we hereby grant our attorneys at the law firm of Banner & Witcoff the power to insert into this document information sufficient to identify the patent application to which this assignment pertains.

Date: 16-03-2012 Inventor:  A.J. P.M. Vermeer
Adrianus Johannes Petrus Maria VERMEER

Date: _____ Inventor: Gabi P. JANSSEN

Note: No legalization or other witness required.

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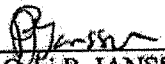
BW: 007938.00026

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And we authorize the ASSIGNEE or its NOMINEES to file in our names or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and we authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to said ASSIGNEE or its NOMINEES any and all LETTERS PATENT for said application, inventions and improvements, for their sole use, to the full end of the term for which such LETTERS PATENT may be granted;

And we hereby grant our attorneys at the law firm of Banner & Witcoff the power to insert into this document information sufficient to identify the patent application to which this assignment pertains.

Date: _____ Inventor: _____
Adrianus Johannes Petrus Maria VERMEER

Date: 22-3-2012 Inventor: 
Gabi P. JANSSEN

Note: No legalization or other witness required.