#### 502105750 10/24/2012

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

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Ramesh Chandrasekharan	10/15/2012
Karl Leeser	10/15/2012
Douglas Keil	10/15/2012
Edward J Augustinyak	10/15/2012

## RECEIVING PARTY DATA

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#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13659231

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ATTORNEY DOCKET NUMBER:	NVLS003775
NAME OF SUBMITTER:	Michael D. Wiggins
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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# **DECLARATION AND ASSIGNMENT<sup>1</sup>**

The undersigned acknowledges that this document is being used both as an assignment of the invention and as the declaration (37 CFR 1.63) for a Utility or Design Application entitled:

Suppression of Parasitic Deposition In A Substrate Processing System By Suppressing Precursor Flow And Plasma Outside Of Substrate Region

•	
As a below named inventor, I hereby	declare that:
This declaration is directed to (check	one):
	pplication, or
United States a filed on	application or PCT international application number
The above-identified application was	made or authorized to be made by me.
I believe that I am the original invent above-identified application.	or or an original joint inventor of a claimed invention in the
•	I false statement made in this Declaration and Assignment by fine or imprisonment of not more than five (5) years, or
I hereby state that I have reviewe application, including the claims.	ed and understand the contents of the above identified
l acknowledge that I am aware of patentability as defined in 37 CFR §	of the duty to disclose information which is material to 1.56.
I hereby confirm any prior assignment Jose, California 95134 (hereinafter so, agree to assign, and hereby do,	n, the receipt and adequacy whereof I hereby acknowledge, ent to Novellus Systems, Inc., 4000 North First Street, San 'Assignee'), and to the extent that I have not already done sell, assign and transfer unto Assignee and its successors ght, title and interest in the United States of America and

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<sup>&</sup>lt;sup>1</sup> This form requires an ADS if one has not yet been filed.

### **DECLARATION AND ASSIGNMENT**

throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the above-identified application, to the above-identified application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the above-identified application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by me had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights.

I hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, any derivation proceedings relating thereto, and as to Letters Patent any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth.

I hereby covenant that I have not made and will not make any assignment, sale, license, agreement or encumbrance which would conflict with this Declaration and Assignment.

I hereby request the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and request that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

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# **DECLARATION AND ASSIGNMENT**

I hereby grant the law firm of Hamess, Dickey & Pierce, P.L.C. the power to insert on this Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

Charman Xis
Chunguang Xia
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Lhu
Ramesh Chandrasekharan
10/15/12
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Karl Leeser 15 Cest 2012
Karl Leeser
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