

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3404580

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
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ARTHUR W. ZAFIROPOULO	05/27/2015
MARK J. SOWA	05/22/2015
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	14744409
Application Number:	62042686
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NAME OF SUBMITTER:	JOSEPH E. GORTYCH
SIGNATURE:	/Joseph E. Gortych/
DATE SIGNED:	06/19/2015
Total Attachments: 2	
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source=CNT218 Assignment signed both#page2.tif	

ASSIGNMENT OF RIGHTS, TITLE AND INTEREST IN INVENTION

This is an assignment of the followings rights, title and interest:

- United States of America rights, title and interest in the invention
- Foreign rights, title and interest in the invention
- United States Provisional Patent Application Serial No. 62/042,686

Filing date: August 27, 2014

- United States Patent Application Serial No. 14/744,409

Filing date: 06/19/2015

TITLE OF THE INVENTION:

Radical-enhanced atomic layer deposition using CF4 to enhance oxygen radical generation
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INVENTORS (Assignors):

NAME	ADDRESS
Arthur W. Zafiropoulo	48 Austin Avenue, Atherton, CA 94027
Mark J. Sowa	147 Playstead Rd., Medford, MA 02155

ASSIGNEE

NAME	ADDRESS
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WHEREAS, I/WE, the above identified inventor(s), have invented certain new and useful improvements in the invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as the "Invention");

AND WHEREAS I/WE desire to assign my/our above-identified rights, title and interest in the Invention to the above-identified Assignee;

NOW THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I/WE as the Assignor(s) identified above hereby assign, sell and transfer our above-identified rights, title and interest in the Invention, including any divisionals, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or haven been granted for the Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all proprietary rights, Convention rights, and other benefits accruing or to accrue to me/us with respect to filing and/or prosecuting applications for patents or securing patents in the United States and countries foreign thereto, unto the Assignee;

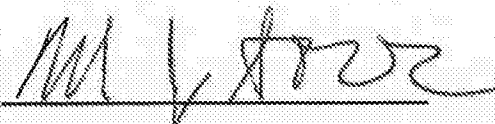
AND I/WE hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patents that may issue for the Invention to the Assignee of the whole right, title and interest thereto;

AND I/WE further agree to take any oaths and to sign and execute all necessary and lawful future documents in connection with filing and/or prosecuting applications for U.S. and foreign patents, divisionals, continuations and continuations-in-part of applications for patent and/or for obtaining any reissue or reexamination of any Letters Patent that may be granted for the Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense, and generally to do everything possible to aid the Assignee, its successors and assigns, as Assignee deems necessary to obtain and enforce proper protection for the Invention in the United States and its territorial possessions and in any and all foreign countries.

Date: 5/27/15

Signed: 
Arthur W. Zafiropoulo

Date: 5/22/2015

Signed: 
Mark J. Sowa