503450014 08/25/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3496640

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NICOLAS POSSEME	04/01/2015
SEBASTIEN BARNOLA	04/02/2015
OLIVIER JOUBERT	07/28/2015
SRINIVAS NEMANI	11/26/2014
LAURENT VALLIER	05/22/2015

RECEIVING PARTY DATA

Name:	COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES
Street Address:	25 rue Leblanc, Batiment "Le Ponant D"
City:	Paris
State/Country:	France
Postal Code:	75015
Name:	CNRS-CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
Street Address:	3 RUE MICHEL ANGE
City:	PARIS
State/Country:	FRANCE
Postal Code:	75000
Name:	APPLIED MATERIALS, INC.
Street Address:	2881 SCOTT BOULEVARD M/S 20161
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95050

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14142124

CORRESPONDENCE DATA

Fax Number: (703)413-2220

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

PATENT 503450014 REEL: 036407 FRAME: 0811

Phone: (703) 413-3000

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Correspondent Name: OBLON, ET AL.

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Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	427096US41X
NAME OF SUBMITTER:	MARA VUKOVIC
SIGNATURE:	/Mara Vukovic/
DATE SIGNED:	08/25/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5

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Title of METHOD OF ETCHING A POROUS DIELECTRIC MATERIAL Invention
As the below named inventor, I hereby declare that:
This declaration The attached application, or
is directed to:
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 of a claimed invention in the application.
WHEREAS, COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES;
CNRS-Centre National de la Recherche Scientifique; and APPLIED MATERIALS, Inc
(hereinafter referred to as "ASSIGNEES") having places of business at: 25 rue Leblanc, Batiment "Le Ponant D",
Paris 75015 France; 3 Rue Michel Ange, Paris 75000 France and 2881 Scott Boulevard M/S 20161. Santa Clara.
<u>California 95050 US</u> , respectively are desirous of jointly acquiring interests in the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which 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, reissues, continuations, substitutions and renewals thereof.
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.
Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
LEGAL NAME OF INVENTOR
Inventor: Nicolas POSSEME Date: Date: Date:
Signature:

Title of Invention METHOD OF ETCHING A POROUS DIELECTRIC MATERIAL
As the below named inventor, I hereby declare that:
This declaration [] The attached application, or
is directed to: United States application or PCT international application number 14/142,124 filed on December 27, 2013
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 of a claimed invention in the application.
WHEREAS, COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES;
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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
LEGAL NAME OF INVENTOR
Inventor: Sébastien BARNOLA Date: 62/04/15

Title of Invention	METHOD OF ETCH	IING A POROUS DIELEC	CTRIC MATERIAL
As the below name	d inventor, I hereby decla	re that:	
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The above-identifie	ed application was made of	r authorized to be made by me	е.
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WHEREAS, CO	MMISSARIAT A L'ENE	RGIE ATOMIQUE ET AUX	ENERGIES ALTERNATIVES;
		Recherche Scientifique; and A	APPLIED MATERIALS, lnc 5 rue Leblanc, Batiment "Le Ponant D",
•			ott Boulevard M/S 20161. Santa Clara.
California 95050 U and to said inventi	S . respectively are desir	ous of jointly acquiring interesters Patent that may be gran	ests in the entire right, title and interest in ited therefore in the United States and its
acknowledged, and said ASSIGNEES, and in all foreign cother relevant Inter- interest in and to a possessions and in substitutions and re-	I for other good and value the full and exclusive rigountries (including the rigonational Treaties and Arrany and all Letters Paterna any and all foreign conewals thereof.	able consideration, I, by these that to the said invention in the light to claim priority under the rangements from the aforesaid that which may be granted there countries and in and to any a	RS (\$5.00), the receipt whereof is hereby expresents do sell, assign and transfer unto United States and its territorial possessions terms of the International Convention and application) and the entire right, title and effor in the United States and its territorial and all divisions, reissues, continuations,
any and all foreign assignees of my en their successors an	countries to issue any a ntire right, title and intered d assigns, to the full end	nd all of said Letters Patent, sist in and to the same, for the	d States and its territorial possessions and when granted, to said ASSIGNEES as the sole use and behoof of said ASSIGNEES, etters Patent may be granted, as fully and I sale not been made.
Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.			
I hereby acknow by fine or imprison	vledge that any willful fal ment of not more than fiv	se statement made in this declar e (5) years, or both.	aration is punishable under 18 U.S.C. 1001
LEGAL NAME O	FINVENTOF		
Inventor: Olivier	JOUBERT		Date: 07/28/2015
Signature:		5 Luckeest	

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I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES their successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.	
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LEGAL NAME OF INVENTOR	
Inventor: Srinivas NEMANI Date: 11 26 14	
Signature: N. f.	

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I hereby acknow by fine or imprison	viedge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ment of not more than five (5) years, or both.
LEGAL NAME OF	
Inventor: Lauren	Date: 5/22/15

RECORDED: 08/25/2015