503735314 03/14/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3781956

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY	DATA	·			
		Name		Execution Date	
SCOTT BRIGGS				03/10/2016	
ERIC HUDSON				03/10/2016	
LEONID BELAU				03/11/2016	
JOHN HOLLAND				03/10/2016	
MARK WILCOXSON				03/11/2016	
RECEIVING PARTY I	ΟΑΤΑ				
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City:	FREM	TNC			
State/Country:	CALIF	ORNIA			
Postal Code:	94538				
PROPERTY NUMBER Property Typ		Number			
Application Number:	:	15069022			
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•	if provided	d; if that is unsuccessful, it will be	e sen	t via US Mail.	
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DATE SIGNED:		03/14/2016			
Total Attachments: 4					
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ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

METHOD FOR ETCHING FEATURES IN DIELECTRIC LAYERS

(Atty. Docket No. LAM1P537/3962-1US), (check one)

for which I have executed a U.S. patent application on even date herewith. (Accompanying)
which bears U.S. Application No. <u>15/069,022</u>. (Not accompanying)
which is a U.S. provisional application. (Accompanying)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:

1) Sell, assign and transfer to Lam Research Corporation, a <u>Delaware</u> corporation having a place of business at <u>4650 Cushing Parkway</u>, Fremont, CA <u>94538</u> ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents granted upon (including foreign patents and the right to claim priority), the above-referenced application.

2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.

3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.

4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.

5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

6) Authorize and request my attorney/agent to insert above the Application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

1) Signature: Typed Name: Scott BRIGGS

Date: ______

 Signature: Typed Name:

Eric HUDSON

3/10/2016 Date:

PATENT REEL: 037966 FRAME: 0747 DocuSign Envelope ID: F17A3F21-0C62-4B23-92C4-7C833F2CBB44

3)	Signature:	Benary	Date:	3/11/2016
5)	Typed Name:	Leonid BELAU		
4)	Signature:	Je 0 kgo	Date:	3/10/2016
	Typed Name:	John HOLLAND		
5)	Siznatura		Date:	
5)	Signature: Typed Name:	Mark WILCOXSON		

If signed outside the United States of America, have two witnesses who also sign below:

2)	Printed Name: Signature:		Date:	
1)	Signature:		Date:	

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Signed on the date indicated beside my signature.

1) Signature: Typed Name:	Scott BRIGGS
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Date:

2) S

Signature: Typed Name: Eric HUDSON Date:

Atty Docket No.: LAM1P537/3962-1

Page 1 of 2

3)	Signature: Typed Name:	Leonid BELAU	Date:	unan an
4)	Signature: Typed Name:	John HOLLAND	Date:	adarezet aranan aran angan aran angan ar
5)	Signature: Typed Name:	Mark WILCOXSON	Date:	3/11/2016

If signed outside the United States of America, have two witnesses who also sign below:

1)	Signature: Printed Name:	Date:	*****
2)	Signature: Printed Name:	Date:	NAMES AND A DESCRIPTION OF

Atty Docket No.: LAM1P537/3962-1

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