

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4229328

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	ZHONGKUI TAN	01/17/2017
	YITING ZHANG	01/17/2017
	QIAN FU	01/17/2017
	QING XU	01/17/2017
	YING WU	01/17/2017
	SARAVANAPRIYAN SRIRAMAN	01/17/2017
	ALEX PATERSON	01/17/2017
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City:	FREMONT	
State/Country:	CALIFORNIA	
Postal Code:	94538	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	15408326	
CORRESPONDENCE DATA		
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<i>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.</i>		
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Address Line 4:	SUNNYVALE, CALIFORNIA 94085	
ATTORNEY DOCKET NUMBER:	LAM2P967	
NAME OF SUBMITTER:	KENNETH D. WRIGHT	
SIGNATURE:	/Kenneth D. Wright/	
DATE SIGNED:	01/17/2017	

PATENT

Total Attachments: 4

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ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

Whereas we the undersigned inventors have invented certain new and useful improvements as set forth in the patent application entitled:

Near-Substrate Supplemental Plasma Density Generation with Low Bias Voltage within Inductively Coupled Plasma Processing Chamber

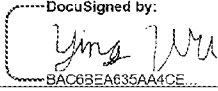
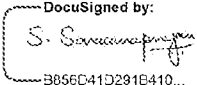
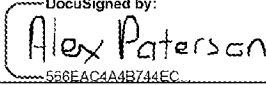
(Atty. Docket No. LAM2P967) for which we have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we the undersigned inventors hereby:

- 1) Sell, assign and transfer to **Lam Research Corporation**, a **Delaware** corporation having a place of business at **4650 Cushing Parkway, Fremont, CA 94538 U.S.** (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) 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 and 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 representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the dates indicated beside my signature.

- | | | |
|----|---|------------------------|
| 1) | Signature: 
<small>DocuSigned by: 2A4B4ACDF73042E</small>
Typed Name: Zhongkui Tan | Date: <u>1/17/2017</u> |
| 2) | Signature: 
<small>DocuSigned by: C7B8A4FB88DE418</small>
Typed Name: Yiting Zhang | Date: <u>1/17/2017</u> |
| 3) | Signature: 
<small>DocuSigned by: 851B34F91128440</small>
Typed Name: Qian Fu | Date: <u>1/17/2017</u> |
| 4) | Signature: 
<small>DocuSigned by: 675B36AC83D649A</small>
Typed Name: Qing Xu | Date: <u>2017/1/17</u> |

- 5) Signature:  Date: 1/17/2017
Typed Name: Ying Wu
- 6) Signature:  Date: 1/17/2017
Typed Name: Saravanapriyan Sriraman
- 7) Signature:  Date: 1/17/2017
Typed Name: Alex Paterson

ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

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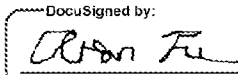
Near-Substrate Supplemental Plasma Density Generation with Low Bias Voltage within Inductively Coupled Plasma Processing Chamber

(Atty. Docket No. LAM2P967) for which we have executed an application for a United States Letters Patent.

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- 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 and 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 representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

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| 1) | Signature: _____
Typed Name: Zhongkui Tan | Date: _____ |
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Typed Name: Saravanapriyan Sriraman
- 7) Signature: _____ Date: _____
Typed Name: Alex Paterson