

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3873145

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DOUGLAS KEIL	05/10/2016
ISHTAK KARIM	05/10/2016
YASWANTH RANGINENI	05/12/2016
ADRIEN LAVOIE	05/10/2016
YUKINORI SAKIYAMA	05/10/2016
EDWARD AUGUSTYNIAK	05/10/2016
KARL LEESER	05/11/2016
CHUNHAI JI	05/12/2016
RECEIVING PARTY DATA	
Name:	LAM RESEARCH CORPORATION
Street Address:	4650 CUSHING PARKWAY
City:	FREMONT
State/Country:	CALIFORNIA
Postal Code:	94538
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15154715
CORRESPONDENCE DATA	
Fax Number:	(408)749-6901
<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>	
Phone:	4087746914
Email:	ken.wright@mpiplaw.com
Correspondent Name:	KENNETH D. WRIGHT
Address Line 1:	710 LAKEWAY DRIVE
Address Line 2:	SUITE 200
Address Line 4:	SUNNYVALE, CALIFORNIA 94085
ATTORNEY DOCKET NUMBER:	LAM2P929
NAME OF SUBMITTER:	KENNETH D. WRIGHT
SIGNATURE:	/Kenneth D. Wright/

PATENT

DATE SIGNED:	05/13/2016
Total Attachments: 2 source=LAM2P929_USAssign_efiled#page1.tif source=LAM2P929_USAssign_efiled#page2.tif	

ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

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

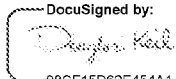
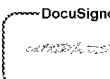
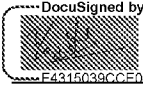
Systems and Methods for Using Electrical Asymmetry Effect to Control Plasma Process Space in Semiconductor Fabrication

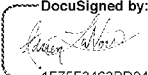
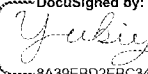
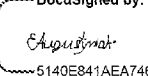
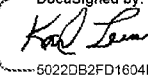
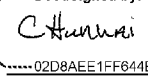
(Atty. Docket No. LAM2P929) for which we have executed an application for a United States Letters Patent.

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: 
Typed Name: Douglas Keil | Date: 5/10/2016 |
| 2) | Signature: 
Typed Name: Ishtak Karim | Date: 5/10/2016 |
| 3) | Signature: 
Typed Name: Yaswanth Rangineni | Date: 5/12/2016 |

- 4) Signature:  DocuSigned by:
1F75F3463BD9416... Date: 5/10/2016
Typed Name: Adrien LaVoie
- 5) Signature:  DocuSigned by:
8A39EBD2EBC3432... Date: 5/10/2016
Typed Name: Yukinori Sakiyama
- 6) Signature:  DocuSigned by:
5140E841AEA746B... Date: 5/10/2016
Typed Name: Edward Augustyniak
- 7) Signature:  DocuSigned by:
5022DB2FD1604EA... Date: 5/11/2016
Typed Name: Karl Leeser
- 8) Signature:  DocuSigned by:
02D8AEE1FF644B3... Date: 5/12/2016
Typed Name: Chunhai Ji