

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
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	DOUGLAS KEIL	03/18/2016
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PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	15074953	
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ATTORNEY DOCKET NUMBER:	LAM2P923	
NAME OF SUBMITTER:	KENNETH D. WRIGHT	
SIGNATURE:	/Kenneth D. Wright/	
DATE SIGNED:	03/18/2016	
Total Attachments: 1		
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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:


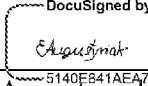
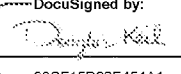
TITLE: Systems and Methods for Detection of Plasma Instability by Optical Diagnosis

(Atty. Docket No. LAM2P923) 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 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 our signatures.

- | | | |
|----|--|------------------------|
| 1) | Signature: 
Typed Name: Yukihiko Sakiyama | Date: <u>3/18/2016</u> |
| 2) | Signature: 
Typed Name: Edward Augustyniak | Date: <u>3/18/2016</u> |
| 3) | Signature: 
Typed Name: Douglas Keil | Date: <u>3/18/2016</u> |