

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANIRUDDHA JOI	03/02/2018
YEZDI DORDI	03/01/2018
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:	15913542
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	LAMRP326/4165-2US
NAME OF SUBMITTER:	LATONIA ERVIN
SIGNATURE:	/Latonia Ervin/
DATE SIGNED:	03/08/2018
Total Attachments: 1	
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ASSIGNMENT OF PATENT APPLICATION

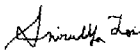

Whereas I, an undersigned named inventor, possess the right, title and interest for and in the Invention(s) as set forth in the patent application entitled: LAYER-BY-LAYER DEPOSITION USING HYDROGEN (Atty. Docket No. LAMRP326/4165-2US); for which I have executed a U.S. patent application; and, the same having been filed on () as Application No. ();

in connection with which I hereby authorize and request the assignee's attorneys associated with Customer Number 83422 to insert within the foregoing parentheses the filing date and/or Application No. of said application when known.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned named inventor, 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** ("ASSIGNEE"), the entire right, title and interest, including the right to claim priority, in the above-referenced application including any and all improvements and inventions disclosed therein, and in U.S. and foreign applications based upon, and U.S. and foreign patents granted upon, 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, 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 representative, and shall be binding upon the named inventor, as well as the named 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.

Signed on the date indicated beside my signature.

- 1) Signature:  Date: 3/2/2018
 Typed Name: Aniruddha Joi
- 2) Signature:  Date: 3/1/2018
 Typed Name: Yezdi Dordi