

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT6931546

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PURUSHOTTAM KUMAR	03/24/2020
GENGWEI JIANG	03/27/2020
BART J. SCHRAVENDIJK	03/24/2020
TENGFEI MIAO	03/26/2020
JOSEPH R. ABEL	03/24/2020
ADRIEN LAVOIE	03/24/2020
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17441178
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<b>ATTORNEY DOCKET NUMBER:</b>	LAM1P646/9444-2US
<b>NAME OF SUBMITTER:</b>	MICHAEL LEE
<b>SIGNATURE:</b>	/Michael Lee/
<b>DATE SIGNED:</b>	09/23/2021
<b>Total Attachments: 2</b>	

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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 PROVIDING DOPED SILICON


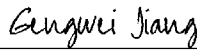
(Atty. Docket No. LAM1P646WO/9444-1WO), (check one)

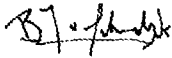


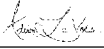
- for which I have executed a U.S. patent application on even date herewith. (Accompanying)
- which bears U.S. Application No. \_\_\_\_\_ . (Not accompanying)
- which is a U.S. provisional application. (Accompanying)
- which bears International Application No. PCT/US20/023194 which was filed on March 17, 2020 . (Not 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 Delaware corporation having a place of business at 4650 Cushing Parkway, Fremont, CA 94538 ("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:  Date: 3/24/2020  
 Typed Name: Purushottam KUMAR
- 2) Signature:  Date: 3/27/2020  
 Typed Name: Gengwei JIANG

- 3) Signature:  Date: 3/24/2020  
Typed Name: Bart J. VAN SCHRAVENDIJK
- 4) Signature:  Date: 3/26/2020  
Typed Name: Tengfei MIAO
- 5) Signature:  Date: 3/24/2020  
Typed Name: Joseph R. ABEL
- 6) Signature:  Date: 3/24/2020  
Typed Name: Adrien LAVOIE