

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3690533

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ARTUR KOLICS	11/04/2015
WILLIAM T. LEE	11/03/2015
LARRY ZHAO	11/06/2015
DEREK WONG	10/21/2015
PRAVEEN NALLA	10/28/2015
KAIHAN ABIDI ASHTIANI	10/29/2015
PATRICK VAN CLEEMPUT	10/28/2015
YEZDI DORDI	10/28/2015
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:	14874307
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:	LAM2P854
NAME OF SUBMITTER:	KENNETH D. WRIGHT
SIGNATURE:	/Kenneth D. Wright/

PATENT

DATE SIGNED:	01/11/2016
Total Attachments: 4 source=LAM2P854_USAssignment_1_eFiled#page1.tif source=LAM2P854_USAssignment_1_eFiled#page2.tif source=LAM2P854_USAssignment_2_eFiled#page1.tif source=LAM2P854_USAssignment_2_eFiled#page2.tif	

ASSIGNMENT OF PATENT APPLICATION

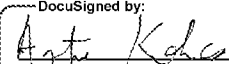
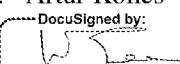
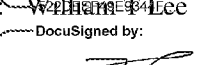
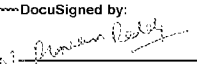
Whereas we the undersigned inventors have invented certain new and useful improvements as set forth in the patent application entitled:

Interlevel Conductor Pre-Fill Utilizing Selective Barrier Deposition

(**Attv. Docket No. LAM2P854**) for which I have executed an application for a United States Letters Patent, which was filed in the U.S. Patent and Trademark Office on October 2, 2015, and which bears the Application No. 14/874,307. For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I the undersigned inventor hereby:

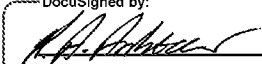
- 1) Sell, assign and transfer to **Lam Research Corporation**, a **Delaware** corporation having a place of business at **4650 Cushing Parkway, Fremont, CA 94538 U.S.** (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, 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: <u>Arthur Koles</u> | Date: <u>11/4/2015</u> |
| 2) | Signature: 
Typed Name: <u>William E. Lee</u> | Date: <u>11/3/2015</u> |
| 3) | Signature: 
Typed Name: <u>Larry Zhao</u> | Date: <u>11/6/2015</u> |
| 4) | Signature: _____
Typed Name: <u>Derek Wong</u> | Date: _____ |
| 5) | Signature: 
Typed Name: <u>Praveen Nalla</u> | Date: <u>10/28/2015</u> |

Attorney Docket No. LAM2P854

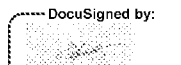
- 6)

DocuSigned by:


Signature: _____

Typed Name: Rahman Abdi Ashtiani

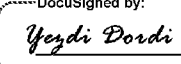
Date: 10/29/2015
- 7)

DocuSigned by:


Signature: _____

Typed Name: Patrick Van Cleemput

Date: 10/28/2015
- 8)

DocuSigned by:


Signature: _____

Typed Name: Yezdi Dordi

Date: 10/28/2015

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:

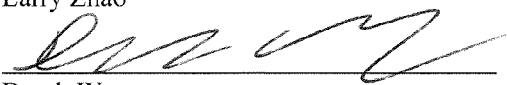
Interlevel Conductor Pre-Fill Utilizing Selective Barrier Deposition

(Atty. Docket No. LAM2P854) 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.
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- 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: Artur Kolics | Date: _____ |
| 2) | Signature: _____
Typed Name: William T. Lee | Date: _____ |
| 3) | Signature: _____
Typed Name: Larry Zhao | Date: _____ |
| 4) | Signature: 
Typed Name: Derek Wong | Date: <u>10/21/15</u> |

Attorney Docket No. LAM2P854

PATENT
REEL: 037456 FRAME: 0884

- 5) Signature: _____
Typed Name: Praveen Nalla
- 6) Signature: _____
Typed Name: Kaihan Ashtiani
- 7) Signature: _____
Typed Name: Patrick A. Van Cleemput
- 8) Signature: _____
Typed Name: Yezdi Dordi

Date: _____

Date: _____

Date: _____

Date: _____