

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6712553

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TETSUYA ISHIKAWA	04/22/2021
SWAMINATHAN T. SRINIVASAN	04/22/2021
MATTHIAS BAUER	04/21/2021
MANJUNATH SUBBANNA	04/22/2021
ALA MORADIAN	04/22/2021
KARTIK BHUPENDRA SHAH	04/21/2021
ERROL ANTONIO C. SANCHEZ	04/22/2021
MICHAEL R. RICE	04/21/2021
PETER REIMER	04/22/2021
MARC SHULL	04/21/2021
RECEIVING PARTY DATA	
Name:	APPLIED MATERIALS, INC.
Street Address:	3050 BOWERS AVENUE
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17317565
CORRESPONDENCE DATA	
Fax Number:	(713)623-4846
<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:	7136234844
Email:	abrewster@pattersonsheridan.com, psdocketing@pattersonsheridan.com
Correspondent Name:	PATTERSON + SHERIDAN, LLP
Address Line 1:	24 GREENWAY PLAZA, SUITE 1600
Address Line 4:	HOUSTON, TEXAS 77046
ATTORNEY DOCKET NUMBER:	44019461US01

NAME OF SUBMITTER:	KEITH TABOADA
SIGNATURE:	/KEITH P. TABOADA/
DATE SIGNED:	05/14/2021
Total Attachments: 6 source=44019461US01_ASG#page1.tif source=44019461US01_ASG#page2.tif source=44019461US01_ASG#page3.tif source=44019461US01_ASG#page4.tif source=44019461US01_ASG#page5.tif source=44019461US01_ASG#page6.tif	

Atty Dkt No.: 44019461US01

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Tetsuya ISHIKAWA c/o Applied Materials, Inc. Law Dept., M/S 1269 3050 Bowers Avenue Santa Clara, California 95054	2)	Swaminathan T. SRINIVASAN c/o Applied Materials, Inc. Law Dept., M/S 1269 3050 Bowers Avenue Santa Clara, California 95054
3)	Matthias BAUER c/o Applied Materials, Inc. Law Dept., M/S 1269 3050 Bowers Avenue Santa Clara, California 95054	4)	Manjunath SUBBANNA Applied Materials India Private Limited First Floor, Inventor Building, International Technology Park Whitefield Road Bangalore-560 066; INDIA
5)	Ala MORADIAN c/o Applied Materials, Inc. Law Dept., M/S 1269 3050 Bowers Avenue Santa Clara, California 95054	6)	Kartik Bhupendra SHAH c/o Applied Materials, Inc. Law Dept., M/S 1269 3050 Bowers Avenue Santa Clara, California 95054
7)	Errol Antonio C. SANCHEZ c/o Applied Materials, Inc. Law Dept., M/S 1269 3050 Bowers Avenue Santa Clara, California 95054	8)	Michael R. RICE c/o Applied Materials, Inc. Law Dept., M/S 1269 3050 Bowers Avenue Santa Clara, California 95054
9)	Peter REIMER c/o Applied Materials, Inc. Law Dept., M/S 1269 3050 Bowers Avenue Santa Clara, California 95054	10)	Marc SHULL c/o Applied Materials, Inc. Law Dept., M/S 1269 3050 Bowers Avenue Santa Clara, California 95054

(hereinafter referred to as Assignors), have invented a certain invention entitled:

MULTI-PORT EXHAUST SYSTEM FOR EPITAXIAL DEPOSITION CHAMBER

enclosed herewith; and

WHEREAS, Applied Materials, Inc., a corporation of the State of Delaware, having a place of business at 3050 Bowers Avenue, Santa Clara, California 95054 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

Atty Dkt No.: 44019461US01

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a conventional, division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, conventional, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefore and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1) 4/22/2021 (DATE)

DocuSigned by:
Tetsuya Ishikawa
E0281F82D127438...
Tetsuya ISHIKAWA

2) _____ (DATE)

Swaminathan T. SRINIVASAN

3) 4/21/2021 (DATE)

DocuSigned by:
Matthias Bauer
D3F586E585E146C...
Matthias BAUER

4) 4/22/2021 (DATE)

DocuSigned by:
Manjunath Subbanna
27F5C832C14019E...
Manjunath SUBBANNA

5) 4/22/2021 (DATE)

DocuSigned by:
Ala Moradian
4E5886A80F449C...
Ala MORADIAN

Atty Dkt No.: 44019461US01

6) 4/21/2021 (DATE)

DocuSigned by:
Kartik Shah
D1F065983E1949C
Kartik Bhupendra SHAH

7) _____ (DATE)

Errol Antonio C. SANCHEZ

8) 4/21/2021 (DATE)

DocuSigned by:
Michael R. Rice
4F0F0F930E08643D
Michael R. RICE

9) 4/22/2021 (DATE)

DocuSigned by:
Peter Reimer
F192CAB28708AE
Peter REIMER

10) 4/21/2021 (DATE)

DocuSigned by:
Marc SHULL
5DACE0632D34B1
Marc SHULL

Atty Dkt No.: 44019461US01

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WHEREAS:

Names and Addresses of Inventors:

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7)	Errol Antonio C. SANCHEZ c/o Applied Materials, Inc. Law Dept., M/S 1269 3050 Bowers Avenue Santa Clara, California 95054	8)	Michael R. RICE c/o Applied Materials, Inc. Law Dept., M/S 1269 3050 Bowers Avenue Santa Clara, California 95054
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NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

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4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1) _____ (DATE) _____
Tetsuya ISHIKAWA

2) 4/22/2021 _____ (DATE) _____
DocuSigned by:
Swaminathan T. SRINIVASAN
78889105-CDE1-4A36-AAB2-CE7AEF2A064E
Swaminathan T. SRINIVASAN

3) _____ (DATE) _____
Matthias BAUER

4) _____ (DATE) _____
Manjunath SUBBANNA

5) _____ (DATE) _____
Ala MORADIAN

Atty Dkt No.: 44019461US01

6) _____ (DATE)

Kartik Bhupendra SHAH

7) 4/22/2021 _____ (DATE)

DocuSigned by:
Errol Antonio C. SANCHEZ

A152AC3E31EC48A
Errol Antonio C. SANCHEZ

8) _____ (DATE)

Michael R. RICE

9) _____ (DATE)

Peter REIMER

10) _____ (DATE)

Marc SHULL