

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	JACOB NEWMAN	10/16/2019
	ULRICH OLDENDORF	10/14/2019
	MARTIN AENIS	10/08/2019
	ANDREW J. CONSTANT	10/04/2019
	SHAY ASSAF	10/04/2019
	JEFFREY C. HUDGENS	10/17/2019
	ALEXANDER BERGER	10/04/2019
	WILLIAM TYLER WEAVER	10/04/2019
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:	17647120
CORRESPONDENCE DATA		
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<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>		
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Correspondent Name:	PATTERSON & SHERIDAN, LLP - - APPLIED MA	
Address Line 1:	24 GREENWAY PLAZA, SUITE 1600	
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ATTORNEY DOCKET NUMBER:	44015738USC01	
NAME OF SUBMITTER:	CHAD M. DOUGHERTY	
SIGNATURE:	/Chad M. Dougherty/	

DATE SIGNED:	01/07/2022
Total Attachments: 3 source=44015738USC01-ASSIGNMENT#page1.tif source=44015738USC01-ASSIGNMENT#page2.tif source=44015738USC01-ASSIGNMENT#page3.tif	

Atty Dkt No.: 44015738US02

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Jacob NEWMAN c/o Applied Materials, Inc., Law Dept., M/S 1269 3050 Bowers Avenue Santa Clara, California 95054	2)	Ulrich OLDENDORF c/o Applied Materials, Inc., Law Dept., M/S 1269 3050 Bowers Avenue Santa Clara, California 95054
3)	Martin AENIS c/o Applied Materials, Inc., Law Dept., M/S 1269 3050 Bowers Avenue Santa Clara, California 95054	4)	Andrew J. CONSTANT c/o Applied Materials, Inc., Law Dept., M/S 1269 3050 Bowers Avenue Santa Clara, California 95054
5)	Shay ASSAF c/o Applied Materials, Inc., Law Dept., M/S 1269 3050 Bowers Avenue Santa Clara, California 95054	6)	Jeffrey C. HUDGENS c/o Applied Materials, Inc., Law Dept., M/S 1269 3050 Bowers Avenue Santa Clara, California 95054
7)	Alexander BERGER c/o Applied Materials, Inc., Law Dept., M/S 1269 3050 Bowers Avenue Santa Clara, California 95054	8)	William Tyler WEAVER 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:

TRANSPORT SYSTEM

for which application for Letters Patent in the United States was filed on October 2, 2019, under Serial No. 16/591,456, executed on even date herewith; and

WHEREAS, Applied Materials, Inc., a corporation of the State of Delaware, having a place of business at c/o Applied Materials, Inc., Law Dept., M/S 1269, 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:

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

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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) 10/16/2019
_____(DATE)

DocuSigned by:
Jacob Newman
4E700CD5A5E14DD
Jacob NEWMAN

2) 10/14/2019
_____(DATE)

DocuSigned by:
Ulrich Oldendorf
CFDBB8FF72A7475
Ulrich OLDENDORF

3) 10/8/2019
_____(DATE)

DocuSigned by:
Martin Aenis
7DBE2DE6737D4BA
Martin AENIS

4) 10/4/2019
_____(DATE)

DocuSigned by:
Andrew J. Constant
F54728C5A5844F9
Andrew J. CONSTANT

5) 10/4/2019
_____(DATE)

DocuSigned by:
Shay Assaf
76A1C2C5E194404
Shay ASSAF

6) 10/17/2019
_____(DATE)

DocuSigned by:
Jeffrey C. Hudgens
A94F89EC713D45D
Jeffrey C. HUDGENS

7) 10/4/2019 _____ (DATE)

DocuSigned by: **Atty Dkt No.: 44015738US02**
Alexander Berger
Alexander BERGER

8) 10/4/2019 _____ (DATE)

DocuSigned by:
William Tyler Weaver
William Tyler WEAVER