507090765 01/24/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7137602

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PAUL R. MCHUGH	05/14/2020
GREGORY J. WILSON	05/21/2020
KYLE M. HANSON	05/15/2020
JOHN L. KLOCKE	06/09/2020
PAUL VAN VALKENBURG	05/18/2020
ERIC J. BERGMAN	05/16/2020
ADAM MARC MCCLURE	05/14/2020
DEEPAK SAAGAR KALAIKADAL	05/21/2020
NOLAN LAYNE ZIMMERMAN	05/14/2020
MICHAEL WINDHAM	01/07/2020
MIKAEL R. BORJESSON	05/14/2020

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:	17583004

CORRESPONDENCE DATA

Fax Number: (206)332-7198

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.

Phone: 310-788-9900

Email: patentprocurement@perkinscoie.com, tflores@perkinscoie.com

Correspondent Name: PERKINS COIE LLP/APPLIED MATERIALS

Address Line 1: PO BOX 1247

Address Line 4: SEATTLE, UNITED STATES 98111-1247

PATENT REEL: 058748 FRAME: 0894

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ATTORNEY DOCKET NUMBER:	063857-8323.US01
NAME OF SUBMITTER:	CHRISTINA FLORES
SIGNATURE:	/christina flores/
DATE SIGNED:	01/24/2022
Total Attachments: 11	
source=2022-01-24_Declarations_and_	Assignment_0638578323US01#page1.tif
source=2022-01-24_Declarations_and_	Assignment_0638578323US01#page2.tif
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Title of Invention:	ELECTROPLATING SYSTEM	
As the below named inve	ntor, I hereby declare that:	
This declaration is	The attached application, or	
directed to:	<u>X</u> United States application or PCT international application number <u>16/870,290</u> filed on May 8, 2020.	
The above-identified app	lication was made or authorized to be made by me.	
I believe that I am the ori	ginal inventor or an original joint inventor of a claimed invention in the application.	
I hereby state that I have claims.	reviewed and understand the contents of the above-identified specification, including the	
I acknowledge the duty to	disclose information which is material to patentability as defined in 37 CFR 1.56.	
WHEREAS, APPLIED Materials, Inc., a corporation of the State of Delaware (hereinafter referred to as "ASSIGNEE") having a place of business at: 3050 Bowers Avenue, Santa Clara, CA 95054, desires to acquire the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;		
NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which I hereby acknowledge, I, by these presents, do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.		
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	at any willful false statement made in this declaration is punishable under 18 U.S.C. ment of not more than five (5) years, or both.	
LEGAL NAME OF INVENTOR: Paul R. McHugh		
Signature: /Paul R	. McHugh/ Date: May 14, 2020	

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LEGAL NAME OF INV	VENTOR: Gregory J. Wilson		
Signature:/C	Gregory J. Wilson/	Date:	5/21/2020

Title of Invention:	ELECTROPLATING SYSTEM	
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LEGAL NAME OF INV	/ENTOR: Kyle M. Hanson	
Signature: /Kyle	M Hanson/ Date: 05/15/2020	

Title of Invention:	ELECTROPLATING SYSTEM
As the below issued in	enter, Thereby declare that
This declaration is directed to	The artisched application, or \$\int \text{United States application or PCT international application it or ber \$\frac{1 \int \beta \frac{10.29}{2}}{16.6 or \text{May \$1.270}}\$
The above destrictly	plication was made or authorized to be made by the
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Percovage Cast Connection Connection	e reviewed and inversions his contents of the above-stending specification, including the
	to disclose information which is material to patentiable to as defined in 17 CPR 1.56. Materials, Inc., a corporation of the Societof Delayable (Percinalize relative) to a place of business at 3050 Bowers Avanue, Santa Clara, CA 95051, testing to accurate an interest in and to said invention and in and to any Letters Patent that any line patent. States and its territorial pressessions and in any and all foreign countries.
	If you wanted consideration, the receipt and subscious is a subscious set assign and transfer unto said ASSICNEL, the full and exclusive the subscious and has been subscious and in all foreign contacted to the subscious and the subscious and the subscious and subscribe value and subscious and subscious and subscious and the entire right, the end of each of each subscious and su
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OF ALMERICA	NVENTOR: Andrés Klocke
	Anna Anna Anna Anna Anna Anna Anna Anna

PATENT REEL: 058748 FRAME: 0899

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LEGAL NAME OF IN	VENTOR; Paul Van Valkenburg	
Signature: ZZZ	7/////// Date: 5-18-200	

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LEGAL NAME OF INVENTOR: Eric J. Bergman		
Signature:/E	ric J. Bergman/ Date: May 16, 2020	

Title of Invention:	ELECTROPLATING SYSTEM	
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LEGAL NAME OF IN	VENTOR: Adam Marc McClure	
Signature: 4/4	<u>Mar 115 Chr Date: 5/14/20</u>	

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LEGAL NAME OF INVENTOR: Nolan Layne Zimmerman				
Signature: /Nola	an L. Zimmerman/ Date: /5-14-2020/			

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LEGAL NAME	OF INVENTOR:	Deepak Saagar Kalaikadal			
Signature:	Mound		Date: _	5/21/20	20

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respecting said invention continuation, substitute and all of said Letters I everything possible to	t I will communicate to said ASSIGNEE or its (his) representatives any facts known to me on, and testify in any legal proceeding, sign all lawful papers, execute all divisional, renewal and reissue applications, execute all necessary assignment papers to cause any ratent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper nation in the United States and its territorial possessions and in any and all foreign
	hat any willful false statement made in this declaration is punishable under 18 U.S.C. onment of not more than five (5) years, or both.
LEGAL NAME OF I	SYENTOR: Michael Windham

Signature: __

Title of Invention:	ELECTROPLATING SYSTEM				
As the below named inventor, I hereby declare that:					
This declaration is directed to:	The attached application, or				
	X United States application or PCT international application number 16/870,290 filed on May 8, 2020.				
The above-identified appl	The above-identified application was made or authorized to be made by me.				
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.					
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.					
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.					
WHEREAS, APPLIED Materials, Inc., a corporation of the State of Delaware (hereinafter referred to as "ASSIGNEE") having a place of business at: 3050 Bowers Avenue, Santa Clara, CA 95054, desires to acquire the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;					
NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which I hereby acknowledge, I, by these presents, do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.					
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.					
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.					
	I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.				
LEGAL NAME OF INV	/ENTOR: Mikael R. Borjesson				

Signature: __/Mikael R. Borjesson/_____

RECORDED: 01/24/2022

PATENT REEL: 058748 FRAME: 0906

Date: _5/14/2020____