

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT7212526

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SUSHANT S. KOSHTI	01/11/2022
PAUL B. REUTER	12/10/2021
DAVID PHILLIPS	03/07/2022
JACOB NEWMAN	12/10/2021
ANDREW J. CONSTANT	12/13/2021
MICHAEL R. RICE	03/07/2022
SHAY ASSAF	12/10/2021
SRINIVAS POSHATRAHALLI GOPALAKRISHNA	12/10/2021
DEVENDRA CHANNAPPA HOLEYANNAVAR	01/06/2022
DOUGLAS B. BAUMGARTEN	12/10/2021
ARUNKUMAR RAMACHANDRAIAH	12/13/2021
NARAYANAN RAMACHANDRAN	12/10/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	APPLIED MATERIALS, INC.
<b>Street Address:</b>	3050 BOWERS AVENUE
<b>City:</b>	SANTA CLARA
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95054
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17499109
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(973)597-2400
<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>	
<b>Phone:</b>	9735972500
<b>Email:</b>	sricketts@lowenstein.com
<b>Correspondent Name:</b>	LOWENSTEIN SANDLER LLP
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<b>ATTORNEY DOCKET NUMBER:</b>	36119.947 (L0947)
<b>NAME OF SUBMITTER:</b>	KONSTANTIN CHAUS
<b>SIGNATURE:</b>	/Konstantin Chaus/
<b>DATE SIGNED:</b>	03/08/2022
<b>Total Attachments: 3</b> source=36119.947 (L0947) AssignmentFiled_08MAR2022#page1.tif source=36119.947 (L0947) AssignmentFiled_08MAR2022#page2.tif source=36119.947 (L0947) AssignmentFiled_08MAR2022#page3.tif	

## PATENT APPLICATION ASSIGNMENT

WHEREAS:

Names and Addresses of Inventors:

- |                                                      |                                                           |
|------------------------------------------------------|-----------------------------------------------------------|
| (1) Sushant S. Koshti<br>Sunnyvale, CA               | (2) Paul B. Reuter<br>Austin, TX                          |
| (3) David Phillips<br>Austin, TX                     | (4) Jacob Newman<br>Palo Alto, CA                         |
| (5) Andrew J. Constant<br>Cupertino, CA              | (6) Michael R. Rice<br>Pleasanton, CA                     |
| (7) Shay Assaf<br>Santa Clara, CA                    | (8) Srinivas Poshatrahalli Gopalakrishna<br>Bangalore, IN |
| (9) Devendra Channappa Holeyannavar<br>Bangalore, IN | (10) Douglas B. Baumgarten<br>Round Rock, TX              |
| (11) Arunkumar Ramachandraiah<br>Bengaluru, IN       | (12) Narayanan Ramachandran<br>Bangalore, IN              |

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

**FACTORY INTERFACE ROBOTS USABLE WITH INTEGRATED LOAD LOCKS**

for which for which a patent application of the United States has been filed on October 12, 2021  
as Serial No. 17/499,109; 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:

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 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

Case No. 44020023US01

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, 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 therefor 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.

1/11/2022  
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(date)

12/10/2021  
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3/7/2022  
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3/7/2022  
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12/10/2021  
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(date)

DocuSigned by:

Sushant S. Koshti

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Sushant S. Koshti

DocuSigned by:

Paul Reuter

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Paul B. Reuter

DocuSigned by:

David Phillips

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David Phillips

DocuSigned by:

Jacob Newman

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Jacob Newman

DocuSigned by:

Andrew J. Constant

F54728C5A5944F9...

Andrew J. Constant

DocuSigned by:

Mike Rice

4F0FDF9DEC6643D...

Michael R. Rice

DocuSigned by:

Shay Assaf

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Shay Assaf

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12/10/2021

(date)

1/6/2022

(date)

12/10/2021

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12/13/2021

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(date)

DocuSigned by:



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Srinivas Poshatrahalli Gopalakrishna

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Devendra Channappa Holeyannavar

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Douglas B. Baumgarten

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Arunkumar Ramachandraiah

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Narayanan Ramachandran