

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5947594

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RAFAEL J. ZALDIVAR	01/27/2020
HYUN I KIM	01/27/2020
SARA M. GUSTAFSON	02/03/2020
TAIT DEWITT MCLOUTH	01/27/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE AEROSPACE CORPORATION
<b>Street Address:</b>	2310 EAST EL SEGUNDO BLVD.
<b>City:</b>	EL SEGUNDO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	90245
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16782460
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>Email:</b>	IDOCKETING@DUANEMORRIS.COM,MBATMANI@DUANEMORRIS.COM, KCUVALO@DUANEMORRIS.COM
<b>Correspondent Name:</b>	DUANE MORRIS LLP
<b>Address Line 1:</b>	2475 HANOVER STREET
<b>Address Line 4:</b>	PALO ALTO, CALIFORNIA 94304-1194
<b>ATTORNEY DOCKET NUMBER:</b>	D-849 (F9959-00029)
<b>NAME OF SUBMITTER:</b>	MANITA RAWAT
<b>SIGNATURE:</b>	/Manita Rawat/
<b>DATE SIGNED:</b>	02/05/2020
<b>Total Attachments: 6</b>	
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## ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

(A) Rafael J. Zaldivar, a United States citizen, resident of Redondo Beach, California, United States.

(B) Hyun I. Kim, a United States citizen, resident of Brea, California, United States.

(C) Sara M. Gustafson, a United States citizen, resident of Highlands Ranch, Colorado

(D) Tait DeWitt McLouth, a United States citizen, resident of Los Angeles, California, United States.

(hereinafter referred to as ASSIGNOR(S)), has made a discovery and/or invention entitled:

### METHOD OF MODIFYING A 3D-PRINTED POLYMER STRUCTURE

☒ for which application for Letters Patent of the United States has been executed on even date herewith,

☐ for which application for Letters Patent of the United States has been filed on \_\_\_\_\_ under Application No. \_\_\_\_\_ and

WHEREAS

The Aerospace Corporation, a corporation of California, having a business address of 2310 East El Segundo Blvd, El Segundo, California 90245

and which, together with its successors, assigns, and legal representatives, is hereinafter referred to as ASSIGNEES, is desirous of acquiring the combined rights, title and interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sells, assigns and transfers to ASSIGNEE, the full and exclusive right, title and interest to said discovery or invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, continuation-in-part, divisional, reexamination, renewal, substitute, reissue and/or any application claiming priority thereof, including any legal equivalent thereof, in a foreign country for the full term or terms for which the same may be granted.

I, SAID ASSIGNORS, hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention to the ASSIGNEE, as

assignee of the entire right, title and interest in, to and under the same, for the sole use and benefit of the ASSIGNEE in accordance with the terms of this instrument.

I, SAID ASSIGNORS, hereby covenant with ASSIGNEE that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned and that I have full right to convey the entire right, title and interest herein sold, assigned, transferred and set over.

AND I, SAID ASSIGNORS, hereby further covenant and agree that the ASSIGNEE may apply for foreign Letters Patent on said discovery or invention and claim the benefits of the International Convention, and that I will, at any time, when called upon to do so by the ASSIGNEE communicate to the ASSIGNEE as the case may be, any facts known to me respecting said discovery or invention, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title to the said discovery or invention, the said applications and the said Letters Patent in the ASSIGNEE and that if reissues or reexaminations of the said Letters Patent or disclaimers relating thereto, or divisionals, continuations, continuation-in-parts of the said applications shall hereafter be desired by the ASSIGNEE, I will, at any time, when called upon to do so by the ASSIGNEE sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation, continuation-in-part, reexamination, and reissue applications so desired, and do all lawful acts requisite for the application for such continuations, continuation-in-parts, divisionals, reexaminations, or reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE to obtain and enforce proper patent protection for said invention or discovery in all countries, all without further compensation but at the expense of the ASSIGNEE.

ASSIGNOR hereby authorizes and requests the prosecuting law firm to insert herein above the application number and filing date of said application when known.

Inventor(s): Please Sign and Date Below:

Rafael J. Zaldivar  
Rafael J. Zaldivar

Date: 1/27/20

California All-Purpose Acknowledgment

Civil Code § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of the document.

State of California

County of Los Angeles

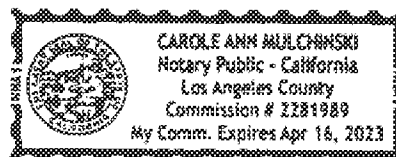
On 1/27/2020 before me, Carole Ann Mulchinski, Notary Public, personally appeared

Rafael J. Zaldivar

Who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.


I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

Witness my hand official seal.



Signature of Notary Public Carole Ann Mulchinski

Inventor(s): Please Sign and Date Below:

  
Hyun I. Kim

Date: 1-27-2020

California All-Purpose Acknowledgment

Civil Code § 1189

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State of California

County of Los Angeles

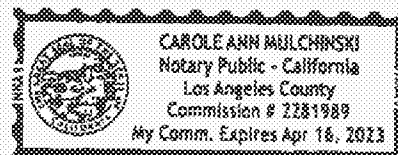
On 1/27/2020 before me, Carole Ann Mulchinski, Notary Public, personally appeared


Hyun I. Kim

Who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.


I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

Witness my hand official seal.




Signature of Notary Public 

Inventor(s): Please Sign and Date Below:

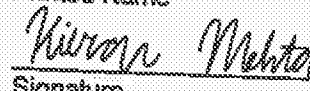
  
Sara M. Gustafson

Date: 2-3-2020

Witnessed by:

(1)   
Signature  
Erin Rochfort  
Printed Name

Date: 02-03-2020

(2)   
Signature  
Kieran Mehta  
Printed Name

Date: 02/03/2020

Inventor(s): Please Sign and Date Below:

Tait DeWitt McLouth  
Tait DeWitt McLouth

Date: 1/27/2020

California All-Purpose Acknowledgment

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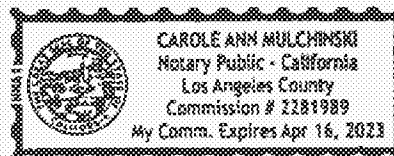
On 1/27/2020 before me, Carole Ann Mulchinski, Notary Public, personally appeared

Tait DeWitt McLouth

Who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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Signature of Notary Public Carole Ann Mulchinski