PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7548936

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DOUGLAS C. HOFMANN	10/16/2019

RECEIVING PARTY DATA

Name:	CALIFORNIA INSTITUTE OF TECHNOLOGY	
Street Address:	1200 E. CALIFORNIA BOULEVARD	
Internal Address:	M/C 6-32	
City:	PASADENA	
State/Country:	CALIFORNIA	
Postal Code:	91125	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17405836

CORRESPONDENCE DATA

Fax Number: (949)852-0004

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: 9498520000
Email: pair@kppb.com
Correspondent Name: KPPB LLP

Address Line 1: 2190 S. TOWNE CENTRE PLACE

Address Line 2: SUITE 300

Address Line 4: ANAHEIM, CALIFORNIA 92806

ATTORNEY DOCKET NUMBER:	C9-05649.CON
NAME OF SUBMITTER:	AGNES POON
SIGNATURE:	/Agnes Poon/
DATE SIGNED:	09/20/2022

Total Attachments: 4

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> PATENT REEL: 061157 FRAME: 0948

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RECORDATION FORM COVER SHEET			
PATENTS ONLY			
To the Director of the U.S. Patent and Trademark Office: Pleas	e record the attached documents or the new address(es) below.		
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)		
Douglas C. Hofmann	Name: California Institute of Technology		
	Internal Address: M/C 6-32		
[*****] [*******]			
Additional name(s) of conveying party(ies) attached? Yes Mo	Street Address: 1200 E. California Boulevard		
Nature of conveyance/Execution Date(s): Execution Date(s) 10/16/2019	Street Address: 1200 2. 04		
Assignment Merger			
passed passed	City: Pasadena		
Security Agreement Change of Name			
☐ Joint Research Agreement ☐ Government Interest Assignment	State: CA		
	Country: US Zip: 91125		
Executive Order 9424, Confirmatory License	[6000].		
Other	Additional name(s) & address(es) attached? Yes No		
4. Application or patent number(s): This A. Patent Application No.(s)	document serves as an Oath/Declaration (37 CFR 1.63).		
, ,	B. Patent No.(s)		
17/405836			
Additional numbers attached? Yes			
Additional numbers att	ached? Yes Mo		
5. Name and address to whom correspondence	6. Total number of applications and patents		
5. Name and address to whom correspondence concerning document should be mailed:			
5. Name and address to whom correspondence	6. Total number of applications and patents involved: 1		
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:		
5. Name and address to whom correspondence concerning document should be mailed: Name: KPPB LLP	6. Total number of applications and patents involved:		
5. Name and address to whom correspondence concerning document should be mailed: Name: KPPB LLP Internal Address: Suite 300	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$		
5. Name and address to whom correspondence concerning document should be mailed: Name: KPPB LLP	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ Authorized to be charged to deposit account		
5. Name and address to whom correspondence concerning document should be mailed: Name: KPPB LLP Internal Address: Suite 300 Street Address: 2190 S. Towne Centre Place	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$		
5. Name and address to whom correspondence concerning document should be mailed: Name: KPPB LLP Internal Address: Suite 300 Street Address: 2190 S. Towne Centre Place City: Anaheim	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ Authorized to be charged to deposit account		
5. Name and address to whom correspondence concerning document should be mailed: Name: KPPB LLP Internal Address: Suite 300 Street Address: 2190 S. Towne Centre Place City: Anaheim State: CA Zip: 92806	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ Authorized to be charged to deposit account		
5. Name and address to whom correspondence concerning document should be mailed: Name: KPPB LLP Internal Address: Suite 300 Street Address: 2190 S. Towne Centre Place City: Anaheim State: CA Zip: 92806 Phone Number: 949.852.0000	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ Authorized to be charged to deposit account		
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5. Name and address to whom correspondence concerning document should be mailed: Name: KPPB LLP Internal Address: Suite 300 Street Address: 2190 S. Towne Centre Place City: Anaheim State: CA Zip: 92806 Phone Number: 949.852.0000 Docket Number: C9-05649.CON Email Address: pair@kppb.com	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$		
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PATENT REEL: 061157 FRAME: 0949

ASSIGNMENT AGREEMENT

WHEREAS, I/We, Douglas C. Hofmann (Assignor(s)), have made certain new and useful inventions, improvements and/or designs set forth in an application for Letters Patent entitled A Method for Creating High Toughness Metallic Glass-Based Composites Utilizing Additive Manufacturing, filed on June 2, 2017 and having been assigned Application No. 62/514,653; in an application for Letters Patent entitled High Toughness Metallic Glass-Based Composites for Additive Manufacturing, filed on June 4, 2018 and having been assigned Application No. PCT/US2018/035813; and in an application for Letters Patent entitled High Toughness Metallic Glass-Based Composites for Additive Manufacturing, filed on June 4, 2018 and having been assigned Application No. 15/996,913 (Assigned Patent Applications);

WHEREAS, California Institute of Technology, a California corporation, having a place of business at 1200 E. California Boulevard, M/C 6-32, Pasadena, California 91125 (Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements, and/or designs and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefore;

NOW, THEREFORE, Assignor(s) and Assignee do hereby enter into the following Assignment Agreement.

1. Definitions

The Assigned Patent Rights means certain new and useful inventions, improvements, and designs made by the Assignor(s) for which the Assigned Patent Applications have been filed.

The Assigned Patent Rights also includes:

- the Assigned Patent Applications;
- all Letters Patent granted based upon an application for Letters Patent forming part of the Assigned Patent Rights;
- any inventions, improvements, and designs disclosed by an application for Letters Patent forming part of the Assigned Patent Rights;
- any provisional patent application to which priority is claimed under 35 U.S.C. § 119(e) by an application for Letters Patent forming part of the Assigned Patent Rights that has not previously been assigned by the Assignors;
- all divisional applications, continuation applications, continuation-in-part applications, and
 design patent applications claiming priority to an application for Letters Patent forming
 part of the Assigned Patent Rights, as well as any conversions, revival and
 prolognations of an application for Letters Patent forming part of the Assigned Patent
 Rights;

C9-05649

- the authority to prosecute/initiate any reissue, reexamination, renewal or extension of the Assigned Patent Application or of any Letters Patent granted based upon an application for Letters Patent forming part of the Assigned Patent Rights;
- any substitute application filed based upon an application for Letters Patent forming part of the Assigned Patent Rights;
- any priority rights associated with an application for Letters Patent forming part of the Assigned Patent Rights, including priority under International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms and all applications in which a right of priority is claimed and any Letters Patent, Design Patent, Utility Model, or equivalent granted therefrom;
- any legal equivalents of priority rights associated with an application for Letters Patent forming part of the Assigned Patent Rights, including priority under International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms and all applications in which a right of priority is claimed and any Letters Patent, Design Patent, Utility Model, or equivalent granted therefrom; and
- any right to sue for infringement of any right arising from the filing of an application for Letters Patent forming part of the Assigned Patent Rights.

2. Assignment of the Assigned Patent Rights

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor(s) have and/or do hereby sell, assign, and transfer to Assignee, its successors and assigns, all right, title, and interest for the United States and its territorial possessions and in all foreign countries in and to the Assigned Patent Rights.

3. Cooperation Agreement

The Assignor(s) further agree without further or additional consideration, but at the expense of Assignee, to:

- promptly provide Assignee, upon request, with all pertinent facts and documents relating to the Assigned Patent Rights;
- cooperate with Assignee in the protection and prosecution of the Assigned Patent Rights;
- testify with respect to all pertinent facts and documents relating to the Assigned Patent Rights in any interference, post grant review, inter partes review, litigation, or proceeding relating thereto;
- review, execute, verify, acknowledge and deliver to Assignee or its legal representative
 any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue,
 or enforce the Assigned Patent Rights; and

 perform such other acts as Assignee lawfully may request to obtain or maintain ti Assigned Patent Rights, or to vest title thereto in said Assignee.

4. Assignors Representations

The Assignor(s) hereby represent and warrant that they have not entered, and will not enter, in any assignment, license agreement, sale agreement, or encumbrance that conflicts with the assignment of the Assigned Patent Rights.

5. Authorization to issue patents in name of Assignee

The Assignor(s) and Assignee hereby confirm that the assignment to the Assignee of the Assigned Patent Rights includes authorization by the Assignor(s) for the United State Commissioner of Patents and Trademarks, and officials of any other country whose duty it is issue patents on applications, to issue any Letters Patent arising from the Assigned Pate Rights to the Assignee, its successors, or assigns.

Assignor(s) grants the attorney of record the power to insert on this Assignment any furth identification that may be necessary or desirable in order to comply with the rules of the Unite States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deeme an original and all of which may be taken together as one and the same Assignment.

IN TESTIMONY WHEREOF, I, Douglas C. Ho	ifmann , hereunto set my hand this 16 day
	Douglas C. Hofmann 1763 N. Craig Avenue Altadena, CA 91001
	CONEATAMON Witnessed:

Case Cortese, Ph.D Director for Innovation, New Ventures & Entrepreneurship Office of Technology Transfer & Corporate Partnerships

Assignee hereby accepts this Assignment:

Frederic Farina

RECORDED: 09/20/2022

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Chief Innovation Officer, Executive Director. Office of Technology Title