

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7467786

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	MORTEZA GHARIB	07/05/2022
RECEIVING PARTY DATA		
Name:	CALIFORNIA INSTITUTE OF TECHNOLOGY	
Street Address:	1200 E. CALIFORNIA BOULEVARD	
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City:	PASADENA	
State/Country:	CALIFORNIA	
Postal Code:	91125	
PROPERTY NUMBERS Total: 2		
	Property Type	Number
	PCT Number:	US2021048731
	Application Number:	17464499
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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ATTORNEY DOCKET NUMBER:	C9-07235.PCT.US	
NAME OF SUBMITTER:	AGNES POON	
SIGNATURE:	/Agnes Poon/	
DATE SIGNED:	08/03/2022	
Total Attachments: 6		
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RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies) Morteza Gharib		2. Name and address of receiving party(ies) Name: <u>California Institute of Technology</u> Internal Address: <u>M/C 6-32</u> Street Address: <u>1200 E. California Boulevard</u> City: <u>Pasadena</u> State: <u>CA</u> Country: <u>US</u> Zip: <u>91125</u>	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance/Execution Date(s): Execution Date(s) <u>07/05/2022</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____			
4. Application or patent number(s): A. Patent Application No.(s) <u>PCT/US2021048731</u> <u>17/464499</u>		<input type="checkbox"/> This document serves as an Oath/Declaration (37 CFR 1.63). B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>KPPB LLP</u> Internal Address: <u>Suite 300</u> Street Address: <u>2190 S. Towne Centre Place</u> City: <u>Anaheim</u> State: <u>CA</u> Zip: <u>92806</u> Phone Number: <u>949.852.0000</u> Docket Number: <u>C9-07235.PCT.US</u> Email Address: <u>pair@kppb.com</u>		6. Total number of applications and patents involved: <u>2</u> 7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____ <input type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)	
		8. Payment Information Deposit Account Number _____ Authorized UserName _____	
9. Signature: <u>/John W. Peck/</u>		<u>08/3/2022</u>	
Signature		Date	
<u>John W. Peck</u>		Total number of pages including cover sheet, attachments, and documents: <u>7</u>	
Name of Person Signing			
Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450			

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ASSIGNMENT AGREEMENT

WHEREAS, I/We, Morteza Gharib, (**Assignor(s)**) have made certain new and useful inventions, improvement and/or designs set forth in an international application pursuant to the Patent Cooperation Treaty entitled Rotating Shroud for Rotator Blade Systems, filed on September 1, 2021 and having been assigned Application No. PCT/US2021/048731; and in an application for Letters Patent of the United States entitled Rotating Shroud for Rotator Blade Systems, filed on September 1, 2021 and having been assigned Application No. 17/464,499 (**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, improvement and/or designs and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

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

1. Definitions

The **Assignment Agreement** means this document.

The **Assigned Patent Rights** means certain new and useful inventions, improvements, and designs made by the **Assignor(s)** for which the **Assigned Patent Application** has been or will be filed.

The **Assigned Patent Rights** also includes:

- the **Assigned Patent Application**;
- 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** and any conversion under 37 C.F.R. 1.53(c)(2) or (3) that has not previously been assigned by the **Assignor(s)**;
- all divisionals, continuations, continuations-in-part, and any design patent application claiming priority to an application for Letters Patent forming part of the **Assigned Patent Rights**;

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- any revival, reissue, reexamination, renewal or extension of 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**.

Electronic Signature means any electronic sound, symbol, or process attached to or logically associated with a record and executed and adopted by a party with the intent to sign such record, including facsimile or email electronic signatures, pursuant to the California Uniform Electronic Transactions Act (Cal. Civ. Code §§ 1633.1 to 1633.17) as amended from time to time.

2. Assignment of the Assigned Patent Rights

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

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**, including, but not limited to, copies of any documents evidencing conception and/or reduction to practice within **Assignor(s)**' possession;
- cooperate with **Assignee** in the protection and prosecution of the **Assigned**

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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 the **Assigned Patent Rights**.

4. Assignor(s) Representations

The **Assignor(s)** hereby represent and warrant that they have not entered into 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 all rights in the **Assigned Patent Rights** includes authorization by the **Assignor(s)** for the United States Commissioner of Patents and Trademarks, and officials of any other country whose duty it is to issue patents on applications, to issue any Letters Patent arising from the **Assigned Patent Rights** to the **Assignee**, its successors, or assigns.

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

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

6. Declaration

This **Assignment** may serve as an oath or declaration in accordance with 37 C.F.R. 1.63(e). Those signed below who are named inventors of the **Assigned Patent Application** hereby make the following statements:

- The **Assigned Patent 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 **Assigned Patent Application**.
- I hereby acknowledge that any willful false statement made in this declaration is

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punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

7. Governing Law

This **Assignment Agreement** and any claim, controversy, dispute, or cause of action (whether in contract, tort, or otherwise) based upon, arising out of, or relating to this **Assignment Agreement** and the transactions contemplated hereby shall be governed by, and construed in accordance with, the laws of the United States and the State of California, without giving effect to any choice or conflict of law provision or rule (whether of any other State or any other national or international jurisdiction).

8. Electronic Signatures

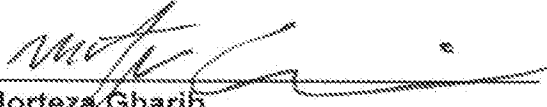
Assignor(s) and **Assignee** agree that any **Electronic Signature**, whether digital or encrypted, of the parties included in this Agreement are intended to authenticate this writing and to have the same force and effect as manual signatures.

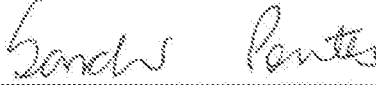
9. Limited Power of Attorney

Assignee appoints KPPB LLP, 2190 S. Towne Centre Pl., Ste. 300, Anaheim, CA 92806, as my agent (attorney-in-fact) to act for me in any lawful way with respect to executing any and all documents pertaining to the **Assigned Patent Rights**, including (but not limited to) assignments of the **Assigned Patent Rights** in international jurisdictions.

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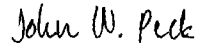
IN TESTIMONY WHEREOF, I, Morteza Gharib, hereunto set my hand this day of
07/05/2022


Morteza Gharib
842 La Vina Lane
Altadena, CA 91001


Witnessed by:

Assignee hereby accepts this Assignment:

California Institute of Technology

DocuSigned by:

43414954058D414...

Attorney Representative 7/5/2022

Name

Title

Date