

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT7114518

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHIRANJEEV SINGH KALRA	01/03/2022
MATTHEW DAVID CARLSON	12/14/2021
RECEIVING PARTY DATA	
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Postal Code:	91103
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17446816
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:	EHELI.007A
NAME OF SUBMITTER:	JOSUÉ A. VILLALTA
SIGNATURE:	/Josué A. Villalta/
DATE SIGNED:	01/11/2022
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 4	
source=2022-01-03 Signed Declaration and Assignment - EHLI.007A#page1.tif	
source=2022-01-03 Signed Declaration and Assignment - EHLI.007A#page2.tif	
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COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: EHELI.007A

Page 1 of 4

Title: MULTI-STAGE SERIAL TURBO-GENERATOR SYSTEM FOR SUPERCRITICAL CO2 POWER CYCLES

Inventors: Chiranjeev Singh Kalra, Matthew David Carlson

Declaration

This Declaration is directed to U.S. or International Application No. **17/446816**, filed September 2, 2021 and incorporating any amendments made thereto prior to the signature date of this Declaration.

As a named inventor, I declare that:

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 acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

Assignment from Inventors

WHEREAS, **above-identified inventors** (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental designs, or discoveries related to **MULTI-STAGE SERIAL TURBO-GENERATOR SYSTEM FOR SUPERCRITICAL CO2 POWER CYCLES** (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States (identified above) has been filed or prepared for filing with the United States Patent and Trademark Office (hereinafter the "Application"), and ASSIGNOR desires to assign or confirm assignment of the Work and the Application to the below identified Assignee.

AND WHEREAS, **Heliogen, Inc.**, with its principal place of business at **130 W. Union Street, Pasadena, CA 91103** (hereinafter the "ASSIGNEE"), desires to acquire or confirm ownership of the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred, and set over, and by these presents does hereby sell, assign, transfer, and set over, unto said ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest throughout the world in and to the Application and the Work, including: all provisional applications relating to the Work and the Application (including but not limited to U.S. Provisional Application No(s). **63/074766**, filed **September 4, 2020** (respectively if plural applications)); all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof; and all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals, and reissues thereof.

ASSIGNOR hereby authorizes and requests the Commissioner for Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives, and assigns.

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: EHELI.007A

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Title: MULTI-STAGE SERIAL TURBO-GENERATOR SYSTEM FOR SUPERCRITICAL CO2 POWER CYCLES

Inventors: Chiranjeev Singh Kalra, Matthew David Carlson

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will: communicate to said ASSIGNEE, its successors, legal representatives, and assigns any facts known to ASSIGNOR respecting the Work; testify in any legal proceeding; assist in the preparation of any other Patent Property relating to the Application and the Work or any improvements made thereto; sign/execute all lawful papers; authorize the filing of, execute, and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications; and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for the Work in all countries.

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: EHELI.007A

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Title: MULTI-STAGE SERIAL TURBO-GENERATOR SYSTEM FOR SUPERCRITICAL CO2 POWER CYCLES

Inventors: Chiranjeev Singh Kalra, Matthew David Carlson

Legal Name of Inventor: Chiranjeev Singh Kalra

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3rd day of January, 2022.

Signature: _____

Signature before a Notary is desirable but not required.

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 THAT DOCUMENT.

STATE OF CALIFORNIA

ss.

COUNTY OF _____

On _____ before me, _____ notary public, personally appeared Chiranjeev Singh Kalra 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 and official seal.

Notary Signature

[SEAL]

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

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Page 4 of 4

Title: MULTI-STAGE SERIAL TURBO-GENERATOR SYSTEM FOR SUPERCRITICAL CO2 POWER CYCLES

Inventors: Chiranjeev Singh Kalra, Matthew David Carlson

Legal Name of Inventor: Matthew David Carlson

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 14 day of December, 2021.

Signature: _____



Signature before a Notary is desirable but not required. When signed in presence of a Notary, please attach the appropriate notarial documentation.

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