

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7385744

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	UDAY G. HEGDE	03/01/2020
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	UNITED STATES GOVERNMENT ADMINISTRATOR OF NASA	
<b>Street Address:</b>	300 E STREET, SW	
<b>City:</b>	WASHINGTON	
<b>State/Country:</b>	D.C.	
<b>Postal Code:</b>	20546-0001	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	16808897
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(216)433-6790	
<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>	2164333663	
<b>Email:</b>	Robert.Earp@nasa.gov, Shawanda.M.George@nasa.gov	
<b>Correspondent Name:</b>	ROBERT H. EARP, III	
<b>Address Line 1:</b>	21000 BROOKPARK ROAD	
<b>Address Line 2:</b>	142-7	
<b>Address Line 4:</b>	CLEVELAND, OHIO 44135	
<b>ATTORNEY DOCKET NUMBER:</b>	LEW 19801-1	
<b>NAME OF SUBMITTER:</b>	ROBERT H. EARP, III	
<b>SIGNATURE:</b>	/Robert H. Earp, III/	
<b>DATE SIGNED:</b>	06/16/2022	
<b>Total Attachments: 2</b>		
source=LEW 19801-1 _pto1595#page1.tif		
source=LEW 19801-1 _pto1595#page2.tif		

**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)**

Uday G. Hegde

**2. Name and address of receiving party(ies)**

Name: United States of America, as represented by the Administrator of NASA

Internal Address: \_\_\_\_\_

Street Address: E Street, SW

City: Washington

State: DC

Country: USA Zip: 20546-0001

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

Additional name(s) & address(es) attached? ☐ Yes ☐ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 03/01/2020

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**4. Application or patent number(s):**

☐ This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

B. Patent No.(s)

16/808,897

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Robert H. Earp, III

Internal Address: MS 142-7

Street Address: 21000 Brookpark Road

City: Cleveland

State: OH Zip: 44135

Phone Number: (216) 433-3663

Docket Number: LEW 19801-1

Email Address: Robert.Earp@nasa.gov

**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  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number \_\_\_\_\_

Authorized UserName \_\_\_\_\_

**9. Signature:** /Robert H. Earp, III/

06/16/2022

Signature

Date

Robert H. Earp, III

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

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

**PATENT**  
**REEL: 060221 FRAME: 0277**



National  
Aeronautics and  
Space  
Administration

Patent Application

## Assignment to the Government (by Independent Inventor)

Title of Invention: SUPERCRITICAL WATER OXIDATION FLAME-PILOTED VORTEX FLOW REACTOR

Inventor(s): Michael C. Hicks; Uday G. Hegde

NASA Case No.: LEW 19801-1 Application No.\*: 16/808,897 Filing Date\*: 03/04/2020

WHEREAS, the parties to this Assignment are: (1) the undersigned inventor(s) and (2) and the United States Government, as represented by the Administrator of the National Aeronautics and Space Administration, Washington, D.C. 20546 (hereafter, the Government);

WHEREAS, the undersigned inventor(s) is (are) desirous of sharing in any royalties that may be derived from licensing the above identified invention (hereinafter, the Invention) and has (have) executed, on the date indicated below, an application for a United States Patent on the Invention or is (are) desirous of having such a patent application filed; and

WHEREAS, the Government is desirous of acquiring the entire right, title and interest in the Invention and the patent application filed, or to be filed, thereon.

NOW THEREFORE, in consideration of the payment of royalties, pursuant to NASA Policy Directive, NPD 2092.1, "Royalties and Other Payments Received by NASA from the Licensing of Patents and Patent Applications" (incorporated herein by reference), that may result from licensing the invention, the undersigned hereby:

1. Assigns to the Government my (our) full right in and to the Invention within the United States of America, its territories and possessions, and my (our) entire right, title and interest in and to said patent application, and any corresponding continuation or divisional application(s) and any patent(s) that may issue therefrom.
2. Grant to the Government the option to acquire, upon request, all my (our) foreign rights in and to the Invention.
3. Agrees, at the expense of the Government, to: (a) execute any document, (b) deliver any requested information, and (c) cooperate in any manner with the Government in order to allow the Government to protect any interest transferred by this Assignment.
4. Warrants that I (we) have the authority to execute this Assignment.

\*5. Authorizes and requests the attorneys of record in the application to insert the patent application number and filing date above when required.

Uday G. Hegde (Signature of Inventor) (Date Assignment Executed) (Date Application Executed)

Uday G. Hegde (Inventor's Typed Name) (Mailing Address - Including Country)

(Signature of Inventor) (Date Assignment Executed) (Date Application Executed)

(Inventor's Typed Name) (Mailing Address - Including Country)

(Signature of Inventor) (Date Assignment Executed) (Date Application Executed)

(Inventor's Typed Name) (Mailing Address - Including Country)

NASA Form 1692 01/02 (1.2)