

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5136541

|   |                                   |
|---|-----------------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                    |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                        |
| <b>CONVEYING PARTY DATA</b>   |                                   |
| <b>Name</b>   | <b>Execution Date</b>             |
| RAJIV SHIVPURI  | 08/09/2016                        |
| <b>RECEIVING PARTY DATA</b>   |                                   |
| <b>Name:</b>  | OHIO STATE INNOVATION FOUNDATION  |
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| <b>City:</b>  | COLUMBUS                          |
| <b>State/Country:</b>   | OHIO                              |
| <b>Postal Code:</b>   | 43201                             |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                   |
| <b>Property Type</b>  | <b>Number</b>                     |
| <b>Application Number:</b>  | 15426724                          |
| <b>CORRESPONDENCE DATA</b>  |                                   |
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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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| <b>Correspondent Name:</b>  | STANDLEY LAW GROUP LLP            |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | OHI2746-013B                      |
| <b>NAME OF SUBMITTER:</b>   | STEPHEN L. GRANT, REG. NO. 33,390 |
| <b>SIGNATURE:</b>   | /Stephen L Grant, RegNo33390/     |
| <b>DATE SIGNED:</b>   | 09/12/2018                        |
| This document serves as an Oath/Declaration (37 CFR 1.63).  |                                   |
| <b>Total Attachments: 2</b>   |                                   |
| source=SignedDecAssign#page1.tif  |                                   |
| source=SignedDecAssign#page2.tif  |                                   |

**COMBINED ASSIGNMENT AND DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)**

**Title of  
Invention**

HOT FORMING OF COOLING GALLERIES IN STEEL PISTONS

**DECLARATION**

As the below named inventor, I hereby declare that:

This declaration  is directed to: The attached application, or

PCT international application number PCT/US16/30351 filed on May 2, 2016.

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

**ASSIGNMENT**

For at least one U.S. dollar (\$1.00) and for other good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell, assign and transfer to Ohio State Innovation Foundation, a corporation for non-profit organized under the laws of the State of Ohio having an office at 1524 N. High St., Columbus, OH 43201 (hereinafter referred to as the Assignee) my entire right, title and interest, together with all rights of priority, in and to the invention set forth in the above-identified application. I further hereby sell, assign and transfer to the Assignee my entire right, title and interest, together with all rights of priority, in and to my invention as described and/or claimed in any and all applications for patents based on the invention, including divisionals, continuations, renewals, substitutes and reissues thereof, and all rights of priority resulting from any of these patent applications, as well as all foreign counterparts and extensions thereof, together with all patents issuing on any of these applications for the full terms of all of the patents which may be granted on the invention.

I authorize the Assignee to make applications for, to prosecute such applications, and to receive patents for the invention in the United States and any foreign countries, in the Assignee's name.

I promise and agree that I will execute or procure any further necessary assurance of title to the invention and any patents which may issue on the invention. I will, at any time, upon the request and without further consideration, but at the expense of the Assignee, deliver any testimony in any legal proceedings and execute all papers and do all other things that may be necessary or desirable to perfect the title to the invention, or any patents which may be granted therefor, to the Assignee, its successors, assigns, or other legal representatives. I will, at any time, upon the request and at the expense of the Assignee, execute any continuations, divisionals, reissues, or any other additional applications for patents for the invention or any part or parts thereof and any patents issuing thereon are hereby assigned to the Assignee. I will make all rightful oaths, and do all lawful acts required for procuring and enforcing any of the patents, without further compensation, but at the expense of the Assignee, its successors, assigns or other legal representatives.

I authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for the invention, resulting from any of the aforesaid applications to the Assignee.

**LEGAL NAME OF INVENTOR**

Inventor: Rajiv Shivpuri

Signature: [Signature] Date: 8/8/16

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional form for each additional inventor.

Advice from Standley Law Group LLP: It is advisable to obtain two witness signatures to the above inventor signature in the places indicated below, OR in the alternative, it is advisable to obtain a notarization of the above inventor signature in the notary section set forth below. With or without the witness signatures or the notarization, this assignment is a legally binding agreement to assign the invention to the assignee.

Optional (but advisable) witness signatures:

Witness One  
Printed Full Legal Name: Jason Dahlman  
Signature: [Signature]  
Date: 8/8/16

Witness Two  
Printed Full Legal Name: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

Or, optional (but advisable) notarization:

STATE OF Ohio :  
COUNTY OF Franklin : SS.

Before me personally appeared Rajiv Shivpuri, to me known to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth. Sworn to before me and subscribed in my presence this 9th day of August, 2016.

Jennifer Sue Warner  
Notary Public

