

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Michael S. Krautheim	12/07/2011
RECEIVING PARTY DATA	
Name:	Rolls-Royce Corporation
Street Address:	2001 S. Tibbs Avenue
Internal Address:	Mail Drop U27
City:	Indianapolis
State/Country:	INDIANA
Postal Code:	46241
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13334586
CORRESPONDENCE DATA	
Fax Number:	(317)636-1507
Phone:	317-238-6274
Email:	ipdocketing@kdlegal.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Mark T. Stephenson
Address Line 1:	Krieg DeVault LLP
Address Line 2:	One Indiana Square, Suite 2800
Address Line 4:	Indianapolis, INDIANA 46204
ATTORNEY DOCKET NUMBER:	RORO-1490
NAME OF SUBMITTER:	Angelina J. Shaw
Total Attachments: 3 source=RORO_1490_Assignment#page1.tif source=RORO_1490_Assignment#page2.tif source=RORO_1490_Assignment#page3.tif	

OP \$40.00 13334586

## ASSIGNMENT

WHEREAS, Michael S. Krautheim of 4023 West 950 North, Fountaintown, IN 46130, hereinafter referred to as Assignor, has made one or more new and useful inventions in COMPRESSOR CASING TREATMENT FOR GAS TURBINE ENGINE for which Assignor has made or will make application for Letters Patent of the United States (hereinafter the "Application"); and

WHEREAS, Rolls-Royce Corporation, hereinafter referred to as Assignee, a corporation of the State of Delaware, having a principal place of business at 2001 S. Tibbs Avenue, Mail Drop u27, Indianapolis, Indiana 46241, desires to acquire all of the entire right, title and interest in, to and under the one or more inventions disclosed, described and claimed or intended so to be in the Application, and in, to and under the Application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained therefore and thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignor in hand paid, the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under the one or more inventions disclosed, described and claimed or intended so to be in the Application entitled COMPRESSOR CASING TREATMENT FOR GAS TURBINE ENGINE, and any and all other applications thereon and arising therefrom, including any and all applications claiming the benefit thereof, and any and all divisions, continuations, and continuations-in-part thereof, and any and all patents to be issued

and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

Assignor acknowledges that the Application was executed concurrently herewith unless a different execution date is indicated in item (a) below. Assignor hereby authorizes Assignee, its counsel, or its agents to fill-in some or all of the following list of information items (a) through (c) at the discretion of the Assignee, its counsel, or its agents:

- (a) Execution Date of the Application: December 7, 2011
- (b) Patent Office Number of the Application: 13/334,586
- (c) Filing Date of the Application: December 22, 2011

Assignor hereby authorizes and requests the Honorable Assistant Secretary and Commissioner for Patents and Trademarks to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignor agrees to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

WITNESS Assignor's hand this 7 day of December, 2011.

Michael S. Krauthem  
Michael S. Krauthem

STATE OF INDIANA )  
COUNTY OF MARION ) : SS

Before me, a Notary Public, in and for said County and State, personally appeared Michael S. Krauthem, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 7 day of December, 2010.

Cynthia A. Baxter  
Notary Public

Printed: Cynthia A. Baxter

Resident of Johnson County

My Commission Expires:

September 25, 2015