

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Mr. Charles B. Graves</td><td>07/03/2008</td></tr><tr><td>Mr. William G. Cummings</td><td>07/21/2008</td></tr></tbody></table>	Name	Execution Date	Mr. Charles B. Graves	07/03/2008	Mr. William G. Cummings	07/21/2008					
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Rolls-Royce Corporation</td></tr><tr><td>Street Address:</td><td>2001 S. Tibbs Avenue</td></tr><tr><td>City:</td><td>Indianapolis</td></tr><tr><td>State/Country:</td><td>INDIANA</td></tr><tr><td>Postal Code:</td><td>46241</td></tr></table>	Name:	Rolls-Royce Corporation	Street Address:	2001 S. Tibbs Avenue	City:	Indianapolis	State/Country:	INDIANA	Postal Code:	46241	
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12182420</td></tr></tbody></table>	Property Type	Number	Application Number:	12182420							
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Application Number:	12182420										
CORRESPONDENCE DATA											
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Total Attachments: 1 source=5331-0002Assignment#page1.tif											

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PATENT

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REEL: 021314 FRAME: 0917

ASSIGNMENT

THIS INSTRUMENT OF ASSIGNMENT WITNESSETH THAT:

WHEREAS, we, CHARLES B. GRAVES and WILLIAM CUMMINGS, residents of 8362 Westcliffe Drive, Avon, Indiana 46123 and 5217 Graceland Avenue, Indianapolis, Indiana 46208, respectively have invented improvements in

PRECISION COUNTER-SWIRL COMBUSTOR

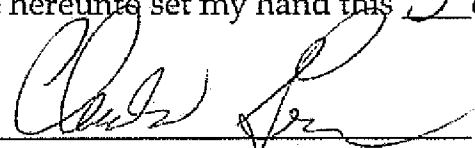
for which we on July 30, 2008 filed an application for United States Letters Patent as Application Serial No. 12/182420, and

WHEREAS, ROLLS-ROYCE CORPORATION, having a place of business at 2001 S. Tibbs Avenue, Indianapolis, Indiana 46241, a Corporation organized and existing under the Laws of Delaware, is desirous of acquiring an interest in said invention, said application and the Letters Patent to be issued therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of ONE DOLLAR to each in hand paid and other good and valuable consideration, the receipt whereof is hereby acknowledged, we have sold, assigned and set over, and do hereby sell, assign and set over to said corporation, its successors or assigns, the entire right, title and interest to and in said invention in the United States and in all countries foreign to the United States, said United States application for Letters Patent therefor and all divisionals, continuations, reissues, reexaminations and extensions thereof, and the Letters Patent when issued; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue the Letters Patent based upon said application(s) to said corporation as the assignees of our entire right, title and interest to and in the same, for the sole use and behoof of said corporation, its successors or assigns.

And we also hereby covenant and agree to sign all proper papers including other applications for patents and assignments thereof in the United States and application for patents and assignments in all foreign countries, and to execute all rightful oaths and to take any other proper action that may in the judgment of the said corporation be necessary for securing thereto full rights to said invention, all of the foregoing to be at the expense of said corporation.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 3 day of July, 2008.


CHARLES B. GRAVES

IN TESTIMONY WHEREOF, I have hereunto set my hand this 21st day of July, 2008.


WILLIAM CUMMINGS

PATENT