

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Peter Rowland Beckford</td> <td>07/01/2009</td> </tr> <tr> <td>Simon Read</td> <td>07/01/2009</td> </tr> <tr> <td>Ian Colin Deuchar Care</td> <td>07/01/2009</td> </tr> </tbody> </table>		Name	Execution Date	Peter Rowland Beckford	07/01/2009	Simon Read	07/01/2009	Ian Colin Deuchar Care	07/01/2009		
Name	Execution Date										
Peter Rowland Beckford	07/01/2009										
Simon Read	07/01/2009										
Ian Colin Deuchar Care	07/01/2009										
RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>ROLLS-ROYCE PLC</td> </tr> <tr> <td>Street Address:</td> <td>65 Buckingham Gate</td> </tr> <tr> <td>City:</td> <td>London</td> </tr> <tr> <td>State/Country:</td> <td>UNITED KINGDOM</td> </tr> <tr> <td>Postal Code:</td> <td>SW1E 6AT</td> </tr> </table>		Name:	ROLLS-ROYCE PLC	Street Address:	65 Buckingham Gate	City:	London	State/Country:	UNITED KINGDOM	Postal Code:	SW1E 6AT
Name:	ROLLS-ROYCE PLC										
Street Address:	65 Buckingham Gate										
City:	London										
State/Country:	UNITED KINGDOM										
Postal Code:	SW1E 6AT										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12547697</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12547697						
Property Type	Number										
Application Number:	12547697										
CORRESPONDENCE DATA											
Fax Number: (413)733-4543 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: (413) 736-5401 Email: mdionne@ip-lawyers.com Correspondent Name: McCORMICK, PAULDING & HUBER LLP Address Line 1: 185 Asylum Street, CityPlace II Address Line 4: Hartford, CONNECTICUT 06103											
ATTORNEY DOCKET NUMBER:	5349-0057										
NAME OF SUBMITTER:	J. Kevin Grogan, Esq.										
Total Attachments: 2 source=5349-0057Assign#page1.tif source=5349-0057Assign#page2.tif											

CH \$40.00 12547697

500946633

PATENT
 REEL: 023149 FRAME: 0902

ASSIGNMENT

THIS INSTRUMENT OF ASSIGNMENT WITNESSETH THAT:

WHEREAS, we, Peter Rowland Beckford, of Kendormere, Trent Lane, Weston on Trent, Derby, DE72 2BT, England, Simon Read, of 6 Nottingham Road, Belper, Derby, DE56 1JG, England and Ian Colin Deuchar Care, of 8 Kings Drive, Littleover, Derby, DE34 6EU, England have invented improvements in

A BLADE AND A METHOD FOR MAKING A BLADE

for which was filed on August 26, 2009 an application for United States Letters Patent as Application Serial No. 12547697, claiming priority to GB Patent Application No. 0815482.5 filed 27 August 2008, and

WHEREAS, ROLLS-ROYCE PLC, having a place of business at 65 Buckingham Gate, London SW1E 6AT, a Corporation organized and existing under the Laws of Great Britain, 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, I 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 I 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 1st day
JULY, 2009.

Peter Rowland Beckford
Name of first or sole Inventor

Peter R Beckford
First or sole Inventor signature

IN TESTIMONY WHEREOF, I have hereunto set my hand this 1st day
July, 2009.

Simon Read
Name of second Inventor

Simon Read
Second Inventor signature

IN TESTIMONY WHEREOF, I have hereunto set my hand this 1st day
July, 2009.

Ian Colin Deuchar Care
Name of third Inventor

Ian C.D. Care
Third Inventor signature

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day
____, 2009.

Name of forth Inventor

Forth Inventor signature

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day
____, 2009.

Name of fifth Inventor

Fifth Inventor signature