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Patent and Trademark Office

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. **Execution Date** Name and address of receiving party(ies): Name of conveying party(ies): (Month/Day/Year) Rolls-Royce Corporation 5-12-05 2001 S. Tibbs Avenue William John Brindley Indianapolis, Indiana 46241 Additional name(s) & address(es) attached? Yes No Submission Type: Nature of conveyance: Assignment Merger \boxtimes New Resubmission (Non-Recordation): Document ID# Change of Name Security Agreement Correction of PTO Error: Reel # Frame # Other: Corrective Document: Reel # This document is being filed with a new patent application on This document is to be recorded against the following patent application or patent: Patent Application No.(s) Patent No.(s) 11/012,873 Additional numbers attached?
Yes
No Name and address of party to whom correspondence concerning Total number of applications and patents involved: 1 document should be mailed: Total fee (37 CFR 3.41): Name: H. Sanders Gwin, Jr. \$40.00 Shumaker & Sieffert, P.A. Address: Enclosed 8425 Seasons Parkway, Suite 105 Authorized to be charged to deposit account St. Paul, MN 55125 Please charge any additional fees or credit any overpayments to our Deposit account number: 50-1778 DO NOT USE THIS SPACE Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. H. Sanders Gwin, Jr. Name of Person Signing Reg. No. 33,242 Total number of pages of the attached conveyance document including any attachments: 1 06/07/2005 DBYRNE 00000005 11012873

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PATENT REEL: 016654 FRAME: 0223 Attorney Docket No.: 1080-002US01 (ISURF 03135)

RECORDED: 06/06/2005

ASSIGNMENT

For valuable consideration, I, William John Brindley of 6716 Crimson King Court, Indianapolis, Indiana 46256, hereby assign to: Rolls-Royce Corporation, having a place of business at: 2001 S. Tibbs Avenue, Indianapolis, Indiana 46241; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are the subject of an application for United States Patent signed by me, entitled METHODS FOR MAKING HIGH-TEMPERATURE COATINGS HAVING Pt METAL MODIFIED γ-Ni + γ'-Ni₃A1 ALLOY COMPOSITIONS AND A REACTIVE ELEMENT, filed December 15, 2004, and assigned U.S. Serial Number 11/012,873, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for myself and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: 5/12/05	-	William John Brindley
State of)	
County of) ss:)	

On this 12th day of May, 2005, before me, Cyrthia & Bottle
Notary Public, personally appeared William John Brindley personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity, and that by his/her/their signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public
My Commission Expires: Suptember 25, 2007

PATENT REEL: 016654 FRAME: 0224