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# PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

### 1. Name of conveying party(ies)

Andrew D. Copeland  
Joel Rubel  
Molly Harrison

### 2. Name and address of receiving party(ies)

Name: Rolls-Royce Corporation

Internal Address: Mail Drop u27

Additional name(s) of conveying party(ies) attached?  Yes  No

Street Address: 2001 S. Tibbs Avenue

### 3. Nature of conveyance/Execution Date(s):

Execution Date(s) October 22, 2007

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

10/23/2007 H:RXZ11 00000005 11977963  
01 FC00021

City: Indianapolis

State: Indiana

Country: U.S.A. Zip: 46241

Additional name(s) & address(es) attached?  Yes  No

### 4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

11/977963

Additional numbers attached?  Yes  No

### 5. Name and address to whom correspondence concerning document should be mailed:

Name: John H. Allie

Internal Address: Krieg DeVault LLP

Street Address: One Indiana Square, Suite 2800

City: Indianapolis

State: Indiana Zip: 46204

Phone Number: (317) 238-6268

Fax Number: (317) 636-1507

Email Address: ipdocketing@kdlegal.com

### 6. Total number of applications and patents involved: 1

### 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

### 8. Payment Information

a. Credit Card Last 4 Numbers 1070  
Expiration Date 04/10

b. Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

### 9. Signature:

Signature

October 26, 2007

Date

John H. Allie

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

6

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

10/23/2007 H:RXZ11 00000005 11977963  
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PATENT  
REEL: 020076 FRAME: 0797

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## ASSIGNMENT

WHEREAS, Andrew D. Copeland of 1303 N. Mathews Road, Greenwood, Indiana 46143; Joel Rubel of 13281 Colliers Court, Carmel, Indiana 46033; and Molly Harrison of 800 Wild Lake Circle, Brownsburg, Indiana 46112, hereinafter referred to as Assignors, have made one or more new and useful inventions in MATERIAL WEAR INDICATION SYSTEM for which Assignors have 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 Assignors in hand paid, the receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents do 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 MATERIAL WEAR INDICATION SYSTEM, 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.

Assignors acknowledge that the Application was executed concurrently herewith unless a different execution date is indicated in item (a) below. Assignors hereby authorize 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: October 22, 2007
- (b) Patent Office Number of the Application: \_\_\_\_\_
- (c) Filing Date of the Application: October 26, 2007

Assignors hereby authorize and request the Honorable Assistant Secretary and Commissioner for Patents and Trademarks to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignors agree 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 22 day of October, 2007.

Andrew D. Copeland  
Andrew D. Copeland

STATE OF INDIANA )  
 ) : SS  
COUNTY OF MARION )

Before me, a Notary Public, in and for said County and State, personally appeared Andrew D. Copeland, 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 22 day of October, 2007.

Cynthia A. Baxter  
Notary Public

Printed: Cynthia A. Baxter

Resident of Johnson County

My Commission Expires:  
September 25, 2015

WITNESS Assignor's hand this 22<sup>nd</sup> day of OCTOBER, 2007.

*Joel Rubel*  
Joel Rubel

STATE OF INDIANA )  
 ) : SS  
COUNTY OF MARION )

Before me, a Notary Public, in and for said County and State, personally appeared Joel Rubel, 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 22 day of October, 2007.

*Cynthia A. Baxter*  
Notary Public

Printed: Cynthia A. Baxter

Resident of Johnson County

My Commission Expires:  
September 25, 2015

WITNESS Assignor's hand this 22 day of October, 2007.

Molly Harrison  
Molly Harrison

STATE OF INDIANA )  
 ) : SS  
COUNTY OF MARION )

Before me, a Notary Public, in and for said County and State, personally appeared Molly Harrison, 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 22 day of October, 2007.

Cynthia A. Baxter  
Notary Public

Printed: Cynthia A. Baxter

Resident of Johnson County

My Commission Expires:

September 25, 2015