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U.S. PTO  
10/641585

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(Rev. 10/02)

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OMB No. 0651-0027 (exp. 6/30/2005)

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

David A. Litton; Nicholas E. Ullion;  
Mladen F. Trubelja; Michael J. Maloney;  
Sunil Govinda Warriar

8-12-03

2. Name and address of receiving party(ies)

Name: UNITED TECHNOLOGIES CORPORATION

Internal Address: United Technologies Building

Hartford, CT 06101

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

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

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: 08/08/2003

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

If this document is being filed together with a new application, the execution date of the application is: 08/08/2003

A. Patent Application No.(s)

10641585

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Barry L. Kelmachter

Internal Address: BACHMAN & LaPOINTE, P.C.

900 Chapel Street, Suite 1201

New Haven, CT 06510

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

6. Total number of applications and patents involved:  1

7. Total fee (37 CFR 3.41).....\$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

02-0184

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9. Signature.

Barry L. Kelmachter

Name of Person Signing

Signature

August 11, 2003

Date

Total number of pages including cover sheet, attachments, and documents:  4

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

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PATENT  
REEL: 014404 FRAME: 0421

## ASSIGNMENT

WHEREAS, We, David A. Litton, of 5B Robinson Road, Rocky Hill, CT 06067, Nicholas E. Ulion, of 11 Stony Brook Drive, Marlborough, CT 06447, Mladen F. Trubelja, of 97 Blue Ridge Drive, Manchester, CT 06040, Michael J. Maloney, of 129 Edstrom Road, Marlborough, CT 06447, and Sunil Govinda Warriar, of 95 Greenview Terrace, Middletown, CT 06457, have invented certain improvements in THERMAL BARRIER COATINGS WITH LOW THERMAL CONDUCTIVITY, identified as Attorney Docket No. EH-10433A(03-526), and described in a patent application executed by the undersigned on the dates set after the signatures hereto, being owners of all right, title and interest in and to said application and in and to any invention described therein, free from all prior assignments, agreements, licenses, mortgages, or other encumbrances whatsoever, and having full right to convey the entire interest both legal and equitable herein assigned; and

WHEREAS, UNITED TECHNOLOGIES CORPORATION, of Hartford, Connecticut, a corporation of the State of Delaware (assignee) is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged by the undersigned, the undersigned does hereby sell, assign, transfer and set over unto said assignee, its successors and assigns, the entire right, title and interest in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any application filed in any foreign country based thereon, including the right to file said foreign applications under the provisions of the International Convention; also the entire right, title and interest in and to any and all patents or reissues or extensions

thereof to be obtained in this or any foreign country upon said invention or inventions and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention or inventions in this or any foreign country, and the undersigned hereby authorize and requests the issuing authority to issue any and all patents on said application or applications to said assignee or its successors and assigns.

The undersigned further agrees, without any further payment or compensation by said assignee or its successors and assigns, to communicate to said assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testify in any interference or other legal proceedings, whenever requested; execute and deliver, on request all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid said assignee, its successors or assigns and nominees to obtain and enforce proper patent protection for said invention or inventions in this or any foreign country.

IN TESTIMONY WHEREOF, the undersigned have hereunto set their hand and seal on the date after their signature.

(L.S.) David A. Litton  
David A. Litton

8/8/2003  
Date

(L.S.) Nicholas E. Ulion  
Nicholas E. Ulion

8/8/2003  
Date

(L.S.) Mladen F. Trubelja  
Mladen F. Trubelja

8/8/2003  
Date

(L.S.) *Michael J. Maloney*  
Michael J. Maloney

8-8-03  
Date

(L.S.) *Sunil Govinda Warriar*  
Sunil Govinda Warriar

8/8/03  
Date