

05-12-2008

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

IR SHEET

PA-085.11734-US

-Y

12/084604

To the Director of the U.S. :

103501837

attached documents or the new address(es) below.

1. Name of conveying party(ies)

Clark V. COOPER
Michael F. MULLEN

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

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

Execution Date(s) 12/05/05

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

2. Name and address of receiving party(ies)

Name: United Technologies Corporation

Internal Address:

Street Address: 1 Financial Plaza

City: Hartford

State: CT

Country: USA Zip: 06101

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

4. Application or patent number(s):

A. Patent Application No.(s)

PCT/US2005/044983

☒ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Tracey R. Loughlin

Internal Address: Pratt & Whitney

Street Address: 400 Main Street M/S 132-13

City: East Hartford

State: CT Zip: 06108

Phone Number: 860-565-6127

Fax Number: 860-755-1867

Email Address: tracey.loughlin@pw.utc.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- ☐ 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
Expiration Date

b. Deposit Account Number 21-0279

Authorized User Name Pratt & Whitney

9. Signature:

Tracey R. Loughlin
Signature

May 6, 2008

Date

Tracey R. Loughlin
Name of Person Signing

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

3

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, VA 22313-1450
05/09/2008 LAMULLER 00000042 210279 12084604
01 FC:0021 40.00 DA

PATENT
REEL: 020954 FRAME: 0328

PA-085.11734-US
0002340USU/2432

92/084604

1AP17Rec'd PCT/PTO 06 MAY 2008

ASSIGNMENT

FOR valuable and legally sufficient considerations, receipt of which is hereby acknowledged, we, Clark V. COOPER, a citizen of the United States of America, and a resident of 27 Cortland Lane, Glastonbury, Connecticut 06033, and Michael F. MULLEN, a citizen of the United States of America, and a resident of 258 Harrison Road, Cheshire, Connecticut 06410, have co-invented certain new and useful improvements in

**DYNAMIC CONTACT SURFACE HAVING A COATING OF AMORPHOUS
CARBON AND PROCESS FOR DEPOSITION OF COATING**

hereby assign to UNITED TECHNOLOGIES CORPORATION, a Delaware corporation having its principal office at One Financial Plaza, Hartford, Connecticut 06101 (hereinafter referred to as "Assignee"), the entire right, title and interest in and to such invention, together with the patent rights and rights of protection to the same throughout the world, including any patent rights which may result from the application for United States Letters Patent which was filed in the United States Patent and Trademark Office on even date, and any continuation, divisions, continuation-in-part applications, inventor's certificates and extensions thereof, preparatory to obtaining Letters Patent of the United States therefor; said invention, application and Letters Patent to be held and enjoyed by said Assignee for its own use and behoof and for the use and behoof of its successors and assigns, to the full end of the term for which said Letters Patent or other rights of protection may be granted as entirely as the same would have been held and enjoyed by us had the assignment not been made.

AND WE COVENANT and AGREE and WARRANT that we have full and unencumbered title to the invention hereby assigned, and we further covenant and

0002340USU/2432

agree that we have the right to grant such rights to said invention and application and Letters Patent and that we will, at any time upon request, execute and deliver any and all papers or instruments that, in the opinion of the Assignee, may be necessary or desirable to secure said Assignee the full enjoyment of the rights and properties herein conveyed or intended to be conveyed by this instrument.

IN WITNESS WHEREFORE, we have hereunto set our hands and seal:

Date: December 5, 2005

Clark V. Cooper
By: Clark V. COOPER

L. J. Finner
Witness

Date: Dec 5, 2005

Michael F. Mullen
By: Michael F. MULLEN

B. J. Hansen
Witness