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1. Name of conveying party(ies)

Brandon W. Spangler

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

3. Nature of conveyance/Execution Date(s):Execution Date(s) 1/8/2007

- ☒ 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: One Financial PlazaCity: HartfordState: CTCountry: U.S. Zip: 06101

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)
 Herewith
 B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:Name: Theodore W. OldsInternal Address: Carlson Gaskey & Olds, P.C.Street Address: 400 West Maple Road, Suite 350City: BirminghamState: MI Zip: 48009Phone Number: 248-988-8360Fax Number: 248-988-8363

Email Address: _____

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)

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a. Credit Card Last 4 Numbers _____
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9. Signature:

Signature

January 9, 2007
 Date

Theodore W. Olds
 Name of Person Signing

Total number of pages including cover sheet, attachments, and documents 3

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 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT

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01/12/2007 11:29:55 U.S. PTO
 11/651226
 0000006 210279 11651226
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010907

67,097-741; 3474

ASSIGNMENT

WHEREAS, I, **Brandon W. Spangler** (hereinafter referred to as Assignor), residing at 25 Valerie Drive, Vernon, CT 06066, have invented new and useful improvements in:

TURBINE BLADE WITH REVERSE COOLING AIR FILM HOLE DIRECTION

which is set forth in an application in the United States executed on even date herewith:

AND WHEREAS, **UNITED TECHNOLOGIES CORPORATION**, (hereinafter referred to as Assignee), of **One Financial Plaza, Hartford, Connecticut 06101**, a corporation of the State of Delaware is desirous of acquiring the entire right, title and interest in and to said invention and said Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have assigned, sold and set over, and by these presents assign, sell and set over unto the Assignee, its successors, legal representatives and assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest in and to said invention, said application for Letters Patent, including the right to file foreign patent applications corresponding to said application, and the right to claim the priority date of said United States patent application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions of said Letters Patent or Patents prepared and executed by the Assignor on even date herewith, the same to be held and enjoyed by the Assignee, as fully and entirely as the same would have been held by the Assignor had this Assignment and sale not been made.

AND the Assignor hereby covenants and agrees that the Assignor will at any time upon the request and at the expense of the Assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and the Assignor hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the said Assignee in accordance with this Agreement.

Dated: 1/8/07

Sandra Pinter

Witness

Christopher J. Wolf

Brandon W. Spangler
Brandon W. Spangler

67,097-741; 3474

Witness

Please address all correspondence and telephone calls and, upon recordation, please return this document to:

**THEODORE W. OLDS
CARLSON, GASKEY & OLDS, P.C.
400 W. Maple, Suite 350
Birmingham, MI 48009
(248) 988-8360**