## Electronic Version v1.1

Stylesheet Version v1.1

500403766			REEL: 020145 FRAME: 0001			
NAME OF SUBMITTE	R:	Matthew L. Koziarz	PATENT			
ATTORNEY DOCKET NUMBER:		67097-076PUS1				
Address Line 4:	Birmingha	am, MICHIGAN 48009				
Address Line 2:	Suite 350					
Address Line 1:						
Correspondent Name:						
Email:	z4o-9oo-o3ou kisaac@cgolaw.com					
Phone:	248-988-8	-				
Fax Number: Correspondence will h	-248)988) De sent via US M	8363 fail when the fax attempt is unsuccessful.				
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Application Number:		1720228				
		1720539				
Property Type		Number				
PROPERTY NUMBER	RS Total: 1					
Postal Code:	06101					
State/Country:						
City:	Hartford					
Street Address:	One Financial Plaza					
Name:	UNITED TECHNOLOGIES CORPORATION					
RECEIVING PARTY D	ΑΤΑ					
Brian Merry		11/19/2004				
Craig A. Nordeen		11/19/2004				
James W. Norris		11/19/2004				
Gabriel L. Suciu			11/19/2004			
		Name	Execution Date			
	DATA					
NATURE OF CONVEYANCE:		previously recorded on Reel 0193	Corrective Assignment to correct the executed date for assignor's signatures previously recorded on Reel 019360 Frame 0806. Assignor(s) hereby confirms the executed date for both assignor's should be "11/19/2004"			
SUBMISSION TYPE:						

Total Attachments: 7
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:MATTHEW L. KOZIARZ COMPANY:400 WEST MAPLE ROAD, SUITE 350

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## PATENT ASSIGNMENT

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Electronic Version v1.1 Stylesheet Version v1.1

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## 05/31/2007 500286879

SUBMISSION TYPE:		NEW ASSIGNMENT					
NATURE OF CONVEY	ANCE:	ASSIGNMENT					
CONVEYING PARTY	DATA		19				
		Name	Execution Date				
Gabriel L. Suciu			11/29/2004 / 9				
James W. Norris			11/19/2004				
Craig A. Nordeen		11/29/2004 [9]					
Brian Merry			11/19/2004				
RECEIVING PARTY DATA							
Name:	United Technologies Corporation						
Street Address:	One Financial Plaza						
City:	Hartford						
State/Country:	CONNECTICUT						
Postal Code:	06101						
PROPERTY NUMBER	RS Total: 1						
Property Type		Nur	mber				
Application Number: 11		11720539					
CORRESPONDENCE DATA							
Fax Number: (248)988-8363							
Correspondence will l	be sent via US	Mail when the fax attempt is unsucce					
<i>Correspondence will L</i> Phone:	<i>be sent via US</i> 248988	<i>Mail when the fax attempt is unsucce</i> 8360					
<i>Correspondence will L</i> Phone: Email:	<i>be sent via US</i> 248988 Icombs(	<i>Mail when the fax attempt is unsucce</i> 8360 @carlsongaskeyolds.com					
<i>Correspondence will L</i> Phone: Email: Correspondent Name:	be sent via US 248988 Icombs( Matthew	<i>Mail when the fax attempt is unsucce</i> 8360 @carlsongaskeyolds.com v L. Koziarz					
<i>Correspondence will b</i> Phone: Email:	be sent via US 248988 Icombs( Matthew 400 We	<i>Mail when the fax attempt is unsucce</i> 8360 @carlsongaskeyolds.com					
<i>Correspondence will L</i> Phone: Email: Correspondent Name: Address Line 1:	be sent via US 248988 Icombs( Matthew 400 We Carlson	<i>Mail when the fax attempt is unsucce</i> 8360 @carlsongaskeyolds.com v L. Koziarz st Maple Road, Suite 350					
<i>Correspondence will L</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	be sent via US 248988 Icombs( Matthew 400 We Carlson Birming	<i>Mail when the fax attempt is unsucce</i> 8360 @carlsongaskeyolds.com v L. Koziarz st Maple Road, Suite 350 , Gaskey & Olds					
Correspondence will L Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	be sent via US 248988 Icombs Matthew 400 We Carlson Birming	Mail when the fax attempt is unsucce 8360 @carlsongaskeyolds.com v L. Koziarz st Maple Road, Suite 350 , Gaskey & Olds ham, MICHIGAN 48009					

## PATENT REEL: 020145 FRAME: 0003

37 000

:MATTHEW L. KOZIARZ COMPANY:400 WEST MAPLE ROAD, SUITE 350

Total Attachments: 3 source=Executed\_Assignment#page1.tif source=Executed\_Assignment#page2.tif source=Executed\_Assignment#page3.tif

### ASSIGNMENT (Joint Inventors)

WHEREAS, We, Gabriel L. Sucui, James W. Norris, Craig A. Nordeen and Brian Merry, (hereinafter referred to as Assignor), residing at 27 Tanglewood Drive, Glastonbury, CT 06033; 75 Levita Road, Lebanon, CT 06249; 48 Delmont St., Manchester, CT 06040; and 220 Bear Swamp Road, Andover, CT 06232 have invented new and useful improvements in:

# TIP TURBINE ENGINE INTEGRAL FAN, COMBUSTOR, AND TURBINE CASE

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 Assignors 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 Assignors had this Assignment and sale not been made.

AND the Assignor hereby covenants and agrees that the Assignors 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 Assignors hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to the said Assignee in accordance with this Agreement.

### PATENT REEL: 020145 FRAME: 0005

67097-076; EH-11156

HARTFORd IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at , in the State of , this <u>11</u> day of <u>104</u>, 2004. Gabriel L. Suc STATE OF CONNECTICUT) ; Haroford COUNTY OF Before me personally appeared said **Gabriel L. Suciu**, and acknowledged the foregoing instrument to be his own free act and deed, this day of *Willell*, 2004. Notary Public Ney Community expres 7/31/06 IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at. \_, this ///day of / , in the State of Laurerow ., 2004. James W. Norris STATE OF CONNECTICUT ) ; Hauford COUNTY OF

Before me personally appeared said **James W. Norris**, and acknowledged the foregoing instrument to be his own free act and deed, this //// day of //////////2004.

Notary Public éppires 1/31/06 abminus i

PATENT REEL: 020145 FRAME: 0006

67097-076; EH-11156

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at in the State of While The , this  $\not/2$  day of  $\not/2$ ₹.2004. Res Craig A. Nordeen

Sunfacel

STATE OF CONNECTICUT ) COUNTY OF

Before me personally appeared said Craig A. Nordeen, and acknowledged the foregoing instrument to be his own free act and deed, this flue day of the 2004.

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at EAST HALTFORD in the State of CONCECTICUT, this 12 day of NOV, 2004.

<u>Brian Merry</u> ; Hawfard

STATE OF CONNECTICUT)

COUNTY OF

Before me personally appeared said **Brian Merry**, and acknowledged the foregoing instrument to be his own free act and deed, this day of *MULIUL*, 2004.

elalue B.

Notary Public ones 7/31/06 My commission.

PATENT

REEL: 020145 FRAME: 0007

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

> Matthew L. Koziarz CARLSON, GASKEY & OLDS, P.C. 400 W. Maple, Suite 350 Birmingham, MI 48009 (248) 988-8360

> > 3

**RECORDED: 11/21/2007**