504412355 06/14/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4459055

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES T. ROACH	01/18/2016
BARRY BARNETT	01/18/2016
GRANT O. COOK III	12/20/2016
CHARLES R. WATSON	10/28/2016
SHARI L. BUGAJ	10/28/2016
GLENN LEVASSEUR	10/04/2016
WENDELL V. TWELVES JR	01/18/2016
CHARLES J. HERTEL	12/16/2016
COLIN J. KLING	03/21/2016
MATTHEW A. TURNER	10/13/2016
JINQUAN XU	10/12/2016
STEVEN CLARKSON	01/20/2016
MICHAEL CAULFIELD	01/22/2016

RECEIVING PARTY DATA

lame: UNITED TECHNOLOGIES CORPORATION		
Street Address: 10 FARM SPRINGS RD		
City: FARMINGTON		
State/Country:	CONNECTICUT	
Postal Code:	06032	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14903996	

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: usptopatentmail@cantorcolburn.com

CANTOR COLBURN LLP **Correspondent Name:** 20 CHURCH STREET Address Line 1:

Address Line 2: 22ND FLOOR

PATENT

REEL: 042807 FRAME: 0138 504412355

Address Line 4: HA	ARTFORD, CONNECTICUT 06103
ATTORNEY DOCKET NUMBER:	72710US05 (U420795US5)
NAME OF SUBMITTER:	CHRISTOPHER C. BOEHM
SIGNATURE:	/ChristopherCBoehm/
DATE SIGNED:	06/14/2017
Total Attachments: 48	
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PATENT REEL: 042807 FRAME: 0140

WHEREAS, We, James T. Roach, a citizen of the United States of America, residing at 158 Skinner Road, Vernon, CT 06066; Barry Barnett, a citizen of Canada, residing at 10 Longwater Chase, Markham, ON L3R 4A2 Canada; Grant O. Cook, III, a citizen of the United States of America, residing at 30314 Vinebriar Dr., Spring, TX 77386; Charles R. Watson, a citizen of the United States of America, residing at 60 Mary Catherine Circle, Windsor, CT 06095-1793; Shari L. Bugaj, a citizen of the United States of America, residing at 188 Old Cart Rd., Haddam, CT 06438; Glenn LeVasseur, a citizen of the United States of America, residing at 51 Nelkin Road, Colchester, CT 06415; Wendell V. Twelves, Jr., a citizen of the United States of America, residing at 218 Conestoga Way, Glastonbury, CT 06033; Christopher J. Hertel, a citizen of the United States of America, residing at 64 Sunset Blvd., Wethersfield, CT 06109; Colin J. Kling, a citizen of the United States of America, residing at 6114 Town Ridge, Middletown, CT 06457; Matthew A. Turner, a citizen of the United States of America, residing at 119 Quigley Road, Wallingford, CT 06492; JinQuan Xu, a citizen of the United States of America, residing at 30 Frederick T. Miller Way, Greenwich, RI 02818; Steven Clarkson, a citizen of the United States of America, residing at 60 Braemar Drive, Cheshire, CT 06410; Michael Caulfield, a citizen of the United States of America, residing at 13 Birch Mill Trail, Essex, CT 06426, have invented new and useful improvements in:

PLATED POLYMER FAN

which is set forth in U.S. Nonprovisional Application Serial No. 14/903,996 filed 01/08/2016 and the International Application Serial Number: PCT/US2014/045928 filed on 07/09/2014 and U.S. Provisional Application Serial No. 61/844,025 filed 07/09/2013 and U.S. Provisional Application Serial No. 61/844,048 filed 07/09/2013:

WHEREAS, United Technologies Corporation a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 10 Farm Springs Rd. Farmington, CT 06032 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said invention(s), and any and all patents and to be obtained therefore;

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 applications for Letters Patent, including the right to file foreign patent applications corresponding to said applications, and the right to claim the priority date of said United States patent applications 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 applications, or re-issues or extensions of said Letters Patent or Patents prepared and executed by 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.

Dated:	18 January 2016	
Dated:		James T. Roach Barry Barnett
Dated:	·	Grant O. Cook, III
Dated:	THE VALUE OF THE PARTY OF THE P	Charles R. Watson
Dated:	23 cl (2704 78)	Shari L. Bugaj
Dated:		Glenn LeVasseur
Dated:		Wendell V. Twelves, Jr.
Dated:		Christopher J. Hertel
Dated:		Colin J. Kling

Dated:	Matthew A. Turner
Dated:	JinQuan Xu
Dated:	Steven Clarkson

Dated:	RESIDENCE DE LA CONTRACTOR DE LA CONTRAC	<u></u>
		Michael Caulfield

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

CANTOR COLBURN LLP 20 Church St., 22nd Floor Hartford, CT 06103, USA

Tel: 860-286-2929 Fax: 860-286-0115

WHEREAS, We, James T. Roach, a citizen of the United States of America, residing at 158 Skinner Road, Vernon, CT 06066; Barry Barnett, a citizen of Canada, residing at 10 Longwater Chase, Markham, ON L3R 4A2 Canada; Grant O. Cook, III, a citizen of the United States of America, residing at 30314 Vinebriar Dr., Spring, TX 77386; Charles R. Watson, a citizen of the United States of America, residing at 60 Mary Catherine Circle, Windsor, CT 06095-1793; Shari L. Bugaj, a citizen of the United States of America, residing at 188 Old Cart Rd., Haddam, CT 06438; Glenn LeVasseur, a citizen of the United States of America, residing at 51 Nelkin Road, Colchester, CT 06415; Wendell V. Twelves, Jr., a citizen of the United States of America, residing at 218 Conestoga Way, Glastonbury, CT 06033; Christopher J. Hertel, a citizen of the United States of America, residing at 64 Sunset Blvd., Wethersfield, CT 06109; Colin J. Kling, a citizen of the United States of America, residing at 6114 Town Ridge, Middletown, CT 06457; Matthew A. Turner, a citizen of the United States of America, residing at 119 Quigley Road, Wallingford, CT 06492; JinQuan Xu, a citizen of the United States of America, residing at 30 Frederick T. Miller Way, Greenwich, RI 02818; Steven Clarkson, a citizen of the United States of America, residing at 60 Braemar Drive, Cheshire, CT 06410; Michael Caulfield, a citizen of the United States of America, residing at 13 Birch Mill Trail, Essex, CT 06426, have invented new and useful improvements in:

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Dated:		
		James T. Roach
Dotad	18th Jan 2016	BBanutt
Dauxi.	<u> </u>	Barry Barnett
Dated:		
		Grant O. Cook, III
Datade		en e
Dated:		Charles R. Watson
Dated:		Shari L. Bugaj
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Dated:		Glenn LeVasseur
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Dated:		Wendell V. Twelves, Jr.
Dated:	-	Christopher J. Hertel
Dated:		Colin J. Kling
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Dated:				
		Matthew A	. Turner	
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Dated:				
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Dated:				
		Steven Cla	rkson	

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Dated.		Michael Caulfield			

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Dated:		
,		James T. Roach
Dated:		Barry Barnett
Dated:	20 Dec 2016	Grant O. Cook, III
Dated:		Charles R. Watson
Dated:		Shari L. Bugaj
Dated:		Glenn LeVasseur
Dated:		Wendell V. Twelves, Jr.
Dated:		Christopher J. Hertel
Dated:		Colin J. Kling

Dated:	
	Matthew A. Turner
Dated:	
	JinQuan Xu
Dated:	 Stavan Clarkson
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Dated:	
	Michael Caulfield

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		James T. Roach
		Barry Barnett
Dated: _		
Dated: _	10/28/2016	Grant O. Cook, III
		Charles R. Watson
Dated: _		Shari L. Bugaj
Dated: _		Glenn LeVasseur
Dated: _		Wendell V. Twelves, Jr.
Dated: _		Christopher J. Hertel
Dated: _		Colin J. Kling

Dated:	
	Matthew A. Turner
Dated:	
	JinQuan Xu
Dated:	
Dateu.	Steven Clarkson

Dated:	
	Michael Caulfield

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PATENT REEL: 042807 FRAME: 0157

Dated:	James T. Roach
Dated:	Barry Barnett
Dated:	Grant O. Cook, III
Dated:	Charles R. Watson
Dated: October 28,	2016 Shari L. Bugaj
Dated:	Glenn LeVasseur
Dated:	Wendell V. Twelves, Jr.
Dated:	Christopher J. Hertel
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Dated:	Michael Caulfield

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

CANTOR COLBURN LLP 20 Church St., 22nd Floor Hartford, CT 06103, USA Tel: 860-286-2929

Fax: 860-286-0115

WHEREAS, We, James T. Roach, a citizen of the United States of America, residing at 158 Skinner Road, Vernon, CT 06066; Barry Barnett, a citizen of Canada, residing at 10 Longwater Chase, Markham, ON L3R 4A2 Canada; Grant O. Cook, III, a citizen of the United States of America, residing at 30314 Vinebriar Dr., Spring, TX 77386; Charles R. Watson, a citizen of the United States of America, residing at 60 Mary Catherine Circle, Windsor, CT 06095-1793; Shari L. Bugaj, a citizen of the United States of America, residing at 188 Old Cart Rd., Haddam, CT 06438; Glenn LeVasseur, a citizen of the United States of America, residing at 51 Nelkin Road, Colchester, CT 06415; Wendell V. Twelves, Jr., a citizen of the United States of America, residing at 218 Conestoga Way, Glastonbury, CT 06033; Christopher J. Hertel, a citizen of the United States of America, residing at 64 Sunset Blvd., Wethersfield, CT 06109; Colin J. Kling, a citizen of the United States of America, residing at 6114 Town Ridge, Middletown, CT 06457; Matthew A. Turner, a citizen of the United States of America, residing at 119 Quigley Road, Wallingford, CT 06492; JinQuan Xu, a citizen of the United States of America, residing at 30 Frederick T. Miller Way, Greenwich, RI 02818; Steven Clarkson, a citizen of the United States of America, residing at 60 Braemar Drive, Cheshire, CT 06410; Michael Caulfield, a citizen of the United States of America, residing at 13 Birch Mill Trail, Essex, CT 06426, have invented new and useful improvements in:

PLATED POLYMER FAN

which is set forth in U.S. Nonprovisional Application Serial No. 14/903,996 filed 01/08/2016 and the International Application Serial Number: PCT/US2014/045928 filed on 07/09/2014 and U.S. Provisional Application Serial No. 61/844,025 filed 07/09/2013 and U.S. Provisional Application Serial No. 61/844,048 filed 07/09/2013:

WHEREAS, United Technologies Corporation a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 10 Farm Springs Rd. Farmington, CT 06032 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said invention(s), and any and all patents and to be obtained therefore;

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 applications for Letters Patent, including the right to file foreign patent applications corresponding to said applications, and the right to claim the priority date of said United States patent applications 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 applications, or re-issues or extensions of said Letters Patent or Patents prepared and executed by 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.

Dated:	
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Dated:	Barry Barnett
	,
Dated:	Grant O. Cook, III
Dated:	Charles R. Watson
Dated:	Shari L. Bugaj
Dated:	
	Glenn LeVasseur
Dated: 01/18/16	Wendell V. Twelves, Jr.
Dated:	Christopher J. Hertel
Dated:	
	Colin J. Kling

Dated:	Matthew A. Turner
Dated:	JinQuan Xu
Dated:	Steven Clarkson

72710US05	(U420795US5)
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Dated:		
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Dated:		Charles R. Watson
Dated:		Shari L. Bugaj
Dated:		Glenn LeVasseur
Dated:		Ottili De v assetti
		Wendell V. Twelves, Jr.
Dated:	December 16, 2016	Christopher J. Hertel
Dated:		
		Colin J. Kling

Dated:	
	Matthew A. Turner
Dated:	
	JinQuan Xu
Dated:	 Stavan Clarkson
	Stavan i larizean

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Dated:	r.	
		James T. Roach
Dated:	A AMERICAN CONTRACTOR	Barry Barnett
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		Grant O. Cook, III
Dated:	annian agrana annian agran agran annian.	Charles R. Watson
Dated:		
		Shari L. Bugaj
Dated:	water state of the	Glenn LeVasseur
Dated:	nahada kanada da	Wendell V. Twelves, Jr.
		wengen v. i weives, jr.
Dated:	Sandhall Salikus Sarayoungan yanda 1998 Sandhall Salikus Sarayoungan Salikus Salikus Salikus Salikus Salikus Sa	Christopher J. Hertel
Dated: 3/21/16		Colin J. Kling

Dated:	Matthew A. Turner
Dated:	JinQuan Xu
Dated:	Steven Clarkson

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		James T. Roach
Dated:		
	commissants from an Construction of the American Action Construction (Construction Construction Cons	Barry Barnett
Dated:		
	AND	Grant O. Cook, III
Dated:	· · · · · · · · · · · · · · · · · · ·	
	AND THE RESIDENCE OF THE PROPERTY OF THE PROPE	Charles R. Watson
Dated:		
	40.4 0.000 BEACH CONTROL OF THE CONT	Shari L. Bugaj
Dated:	A 500Aalat 200Ban. a books or 200Ba	
	ACCOUNT OF THE PROPERTY OF T	Glenn LeVasseur
Dated:		
		Wendell V. Twelves, Jr.
Dated:		
	The second secon	Christopher J. Hertel
Dated:		
		Colin J. Kling

Dated:	10/13/16	72710US05 (U420795US5) Matthew A. Turner
Dated:		JinQuan Xu
Dated:		Steven Clarkson

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PATENT REEL: 042807 FRAME: 0181

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Dated:	Matthew A. Turner
Dated:	JinQuan Xu
Dated: 1/20/2016	Stoven Clarkson

Dated:	1/22/16

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