

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4490513

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
	Name	Execution Date	
	PATRICK JAMES MCCOMB	07/05/2017	
	SEAN A. WHITEHURST	06/20/2017	
RECEIVING PARTY DATA			
Name:	UNITED TECHNOLOGIES CORPORATION		
Street Address:	10 FARM SPRINGS ROAD		
City:	FARMINGTON		
State/Country:	CONNECTICUT		
Postal Code:	06032		
PROPERTY NUMBERS Total: 1			
	Property Type	Number	
	Application Number:	15642138	
CORRESPONDENCE DATA			
Fax Number:	(602)382-6070		
<i>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.</i>			
Phone:	6023826228		
Email:	ipdocket@swlaw.com, bgardner@swlaw.com		
Correspondent Name:	SNELL & WILMER L.L.P. (UTC)		
Address Line 1:	ONE ARIZONA CENTER		
Address Line 2:	400 E. VAN BUREN STREET		
Address Line 4:	PHOENIX, ARIZONA 85004-2202		
ATTORNEY DOCKET NUMBER:	64365.43700		
NAME OF SUBMITTER:	HOWARD I. SOBELMAN		
SIGNATURE:	/Howard I. Sobelman/		
DATE SIGNED:	07/05/2017		
Total Attachments: 3			
source=6436543700_ASSIGN#page1.tif			
source=6436543700_ASSIGN#page2.tif			
source=6436543700_ASSIGN#page3.tif			

ASSIGNMENT

UTILITY PATENT

WHEREAS, the undersigned inventor(s) (hereinafter singly and collectively, "ASSIGNOR") of the addresses indicated below, have invented subject matter disclosed and/or claimed in the patent application entitled **ROTARY MACHINES INCLUDING A HYBRID ROTOR WITH HOLLOW AND SOLID ROTOR BLADE SETS** filed herewith;

AND WHEREAS, **UNITED TECHNOLOGIES CORPORATION** (hereinafter "ASSIGNEE"), a corporation organized and existing under and by virtue of the laws of the State of Delaware having its principal place of business and mailing address at 10 Farm Springs Road, Farmington, CT 06032 is desirous of memorializing its interest therein;

NOW, THEREFORE, the undersigned ASSIGNOR hereby confirms that ASSIGNOR is an employee, salaried employee, past employee or a contractor of ASSIGNEE and that ASSIGNOR developed the subject matter of the inventions on ASSIGNEE's time and at the expense of ASSIGNEE and within the scope of ASSIGNOR's duties to ASSIGNEE and thereby ASSIGNOR recognizes that the ASSIGNEE owns the inventions as described in the aforesaid application. Nonetheless to comport with Patent Office procedures, ASSIGNOR memorializes that relationship in the form of this assignment and;

THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR by these presents does sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the inventions, as described in the aforesaid application, including patent, copyright and any other intellectual property rights, any provisional, non-provisional, continuation, continuation in part, divisional, reissue, reexamination, foreign, PCT or other patent application or like document, or any other application which claims priority to said application, including the rights to sue for all past and future causes of action related to said inventions, in the United States and all foreign countries, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives,

AND HEREBY AGREES to transfer to ASSIGNEE, its successors, assigns and legal representatives, without further remuneration, a like interest in and to any improvements, related new matter, and derivative works, and applications based thereon, growing out of or relating to the inventions; and to provide all reasonable assistance and execute any papers, if accurate, desired by ASSIGNEE, its successors, assigns and legal representatives, to preserve, acquire and/or perfect ASSIGNEE's full protection and title in and to the inventions and any improvements and to file any of the aforementioned applications.

In the event that the Application Number and/or filing date is not available when this Assignment is executed, I hereby authorize and request any attorney associated with **Snell & Wilmer L.L.P., Customer No. 85628**, to insert in this assignment the filing date and/or the application number of said application and/or any further identification that may be necessary or

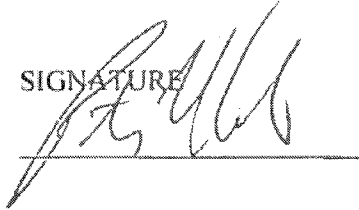
desirable in order to comply with the rules of the United States Patent and Trademark Office for
recording of this document.

EXECUTED as of the date(s) written below by ASSIGNOR:

INVENTOR'S NAME/ADDRESS

Patrick James McComb
7 Cedar Hill Drive
Cromwell, CT 06416

SIGNATURE



DATE

7/5/2017

INVENTOR'S NAME/ADDRESS

Sean A. Whitehurst
5804 Pershing Avenue
St. Louis, MO 63112

SIGNATURE

DATE

SNELL & WILMER L.L.P.

One Arizona Center
400 East Van Buren
Phoenix, Arizona 85004-2202
Phone: (602) 382-6385
Fax: (602) 382-6070
email: thoffman@swlaw.com

desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

EXECUTED as of the date(s) written below by ASSIGNOR:

INVENTOR'S NAME/ADDRESS

SIGNATURE

DATE

Patrick James McComb
7 Cedar Hill Drive
Cromwell, CT 06416

INVENTOR'S NAME/ADDRESS

SIGNATURE

DATE

Sean A. Whitehurst
5804 Pershing Avenue
St. Louis, MO 63112

Sean A. Whitehurst

6/20/17

SNELL & WILMER L.L.P.

One Arizona Center
400 East Van Buren
Phoenix, Arizona 85004-2202
Phone: (602) 382-6385
Fax: (602) 382-6070
email: thoffman@swlaw.com