

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5100289

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT	
EFFECTIVE DATE:	07/06/2017	
CONVEYING PARTY DATA		
	Name	Execution Date
	CHRISTOPHER HEMSTOCK	07/20/2018
RECEIVING PARTY DATA		
Name:	SPECIALIZED DESANDERS INC.	
Street Address:	111, 3355-114 AVE S.E.	
City:	CALGARY	
State/Country:	CANADA	
Postal Code:	T2Z 0K7	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16027847
CORRESPONDENCE DATA		
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<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>		
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ATTORNEY DOCKET NUMBER:	82200-50 US/SWG	
NAME OF SUBMITTER:	SEAN W. GOODWIN	
SIGNATURE:	/seanwgoodwin/	
DATE SIGNED:	08/21/2018	
Total Attachments: 2		
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This *nunc pro tunc* assignment is effective as of July 6, 2017.

I, Christopher A. HEMSTOCK, whose full post office address is, 34 Cranridge Heights S.E., Calgary, Alberta, T3M 0E7, Canada, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, do hereby assign to **SPECIALIZED DESANDERS INC.**, the Assignee, whose address is, 111, 3355 114 AVE S.E., Calgary, AB, T2Z 0K7, Canada, its successors, assigns and legal representatives, the entire right, title and interest in, to and under:

Any and all inventions and discoveries made by me and disclosed in an application for Letters Patent for an invention entitled "**BOUNDARY LAYER MODIFICATION IN CLOSELY-SPACED PASSAGES**" as fully described and claimed in:


- US Provisional 62/529,309 filed July 6, 2017;
- US Patent application 15/991,771 filed May 29, 2018;
- US Patent application 16/083,847, filed July 5, 2018;
- CA Patent application 3,010,532, filed July 5, 2018;
- PCT Patent Application PCT/CA2018/050824, filed July 5, 2018;
- Argentina Patent application P 18 01 01877, filed July 5, 2018, and
- Gulf Cooperation Council Patent application 2018/35597, filed July 5, 2018

any and all applications for Letters Patent of that or any other country which have been or may be filed, based either in whole or in part upon any or all of said inventions or discoveries, including all rights of priority under the International Convention in foreign countries and the right to file and prosecute such applications; and any and all Letters Patent which have been or may be granted by that or any other country based either in whole or in part upon any or all of said inventions or discoveries on said applications;

TO HAVE AND TO HOLD the same with all the rights and privileges enjoyed by me or which would have been enjoyed by me had I not hereby assigned. And I hereby authorize and request the Commissioners of Patents, or other proper office, to issue any and all such Letters Patent to the Assignee herein named. And I hereby covenant, for myself and my legal representatives and assigns, that I neither have executed nor will execute any instrument or perform any act in conflict herewith, and that I, and my heirs, legal representatives, and assigns, will at all times do such acts and execute such papers, without expense to myself, as from time to time may be necessary or useful to apply for, secure, defend, maintain, reissue, or extend any or all of said Letters Patent, to secure for said Assignee the full benefits of said inventions or discoveries, or otherwise to carry into full force and effect the text and intent of this assignment.

Further, I hereby appoint a representative of Parlee McLaws LLP, US Customer No. 27522, and Canadian Registration No. 11956, of 3300-421 7 Ave SW, Calgary, Alberta T2P 4K9, Canada, with the authority to enter the patent application filing serial no. and dates above, on my behalf when known.

Executed in the City of Calgary, Alberta, Canada


Christopher A. HEMSTOCK


Witness to Christopher A. HEMSTOCK

July 20 2018
Date

WITNESS DECLARATION

I, CRISTA FERGUSON whose full post office address is
Print Name of Witness

427-51 AVE SW, CALGARY, AB T2V 0A2 do declare

That I was personally present and did see Christopher A. Hemstock who is personally known to me to be the person named in the above assignment, duly sign and execute above.