504925017 05/22/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4971763 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TEEMU KAARIAINEN	05/17/2018
ALBERT MANNINEN	05/15/2018

RECEIVING PARTY DATA

Name:	TEKNOLOGIAN TUTKIMUSKESKUS VTT OY
Street Address:	VUORIMIEHENTIE 3
City:	ESPOO
State/Country:	FINLAND
Postal Code:	02150

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15775415

CORRESPONDENCE DATA

Fax Number: (631)501-3526

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.

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Email: docket@cdfslaw.com, kdugo@cdfslaw.com

Correspondent Name: CARTER DELUCA FARRELL & SCHMIDT LLP

Address Line 1: 445 BROAD HOLLOW ROAD

Address Line 2: SUITE 420

Address Line 4: MELVILLE, NEW YORK 11747

ATTORNEY DOCKET NUMBER: 44606-04 PCT US

NAME OF SUBMITTER: ROBERT P. MICHAL

SIGNATURE: /Robert P. Michal/

DATE SIGNED: 05/22/2018

Total Attachments: 2

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PATENT 504925017 REEL: 045869 FRAME: 0333

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

TITLE OF	LOW VOLUME MULTIPASS CELL	AND STATE OF THE S		
INVENTION:				
As the below named inventor, I hereby declare that:				
This declaration is directed to:				
 ☑ The attached application, or ☑ United States application or PCT international application number filed on 				
The above-identified application was made or authorized to be made by me.				
I believe that I am the origina	l inventor or an original joint inventor of a claimed inve	ntion in the application.		
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S. C. § 1001 by fine or imprisonment of not more than five (5) years, or both.				
WHEREAS, I, the below-identified Inventor, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter "Invention");				
WHEREAS, <u>TEKNOLOGIAN TUTKIMUSKESKUS VTT OY</u> (hereinafter "Assignee") having place of business at: <u>Vuorimiehentie 3 02150 Espoo, Finland</u> , is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States or its territorial possessions and in any and all foreign countries;				
NOW, this indenture witnesseth, that in consideration of the sum of ONE DOLLAR (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration;				
I hereby assign, sell and transfer my above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said Invention, and in and to any and all reissues and reexaminations thereof, which may be granted or have granted for said Invention, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;				
And I hereby authorize and request the Commissioner of Patents and Trademarks to issue any Untied States Letters Patent which my issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;				
And I further agree to sign and execute all necessary and lawful further documents, including applications for foreign patents, for filing divisions, continuations, and continuations-in-part of said application for patent and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its successors and designees may from time to time require and prepare at its own expense.				
The undersigned hereby grants the firm of CARTER, DELUCA, FARRELL & SCHMIDT, LLP, located at 445 Broad Hollow Road, Suite 420, Melville, New York 11747, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.				
LEGAL NAME OF INVENTOR	Inventor: Teemu KÄÄRIÄINEN	Date: 17, 5, 2018		

CARTER, DELUCA, FARRELL & SCHMIDT, LLP 445 BROAD HOLLOW ROAD, SUITE 420 MELVILLE, NEW YORK 11747

Signature:

PATENT REEL: 045869 FRAME: 0334

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

TITLE OF	LOW VOLUME MULTIPASS CELL				
INVENTION:					
As the below named inventor	I hereby declare that:				
This declaration is directed to:					
 ☑ The attached application, or ☑ United States application or PCT international application number filed on 					
The above-identified application was made or authorized to be made by me.					
I believe that I am the origina	l inventor or an original joint inventor of a claimed inventor	ention in the application.			
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S. C. § 1001 by fine or imprisonment of not more than five (5) years, or both.					
WHEREAS, I, the below-identified Inventor, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter "Invention");					
WHEREAS, <u>TEKNOLOGIAN TUTKIMUSKESKUS VTT OY</u> (hereinafter "Assignee") having place of business at: <u>Vuorimiehentie 3 02150 Espoo</u> , <u>Finland</u> , is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States or its territorial possessions and in any and all foreign countries;					
NOW, this indenture witnesseth, that in consideration of the sum of ONE DOLLAR (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration;					
I hereby assign, sell and transfer my above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said Invention, and in and to any and all reissues and reexaminations thereof, which may be granted or have granted for said Invention, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;					
And I hereby authorize and request the Commissioner of Patents and Trademarks to issue any Untied States Letters Patent which my issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;					
And I further agree to sign and execute all necessary and lawful further documents, including applications for foreign patents, for filing divisions, continuations, and continuations-in-part of said application for patent and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its successors and designees may from time to time require and prepare at its own expense.					
The undersigned hereby grants the firm of CARTER, DELUCA, FARRELL & SCHMIDT, LLP, located at 445 Broad Hollow Road, Suite 420, Melville, New York 11747, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.					
LEGAL NAME OF INVENTOR	Inventor: Albert MANNINEN Signature:	Date: 15. Mag 2018			

CARTER, DELUCA, FARRELL & SCHMIDT, LLP 445 BROAD HOLLOW ROAD, SUITE 420 MELVILLE, NEW YORK 11747

> PATENT **REEL: 045869 FRAME: 0335**

RECORDED: 05/22/2018

OF INVENTOR