### 505507934 06/04/2019

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
THIAGO ANTONIO NEPOMUCENO DO VALLE	05/28/2019

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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	16431129	

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ATTORNEY DOCKET NUMBER:	44600-59 PCT US
NAME OF SUBMITTER:	ROBERT P. MICHAL
SIGNATURE:	/Robert P. Michal/
DATE SIGNED:	06/04/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 1

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PATENT 505507934 REEL: 049363 FRAME: 0572

# 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 INVENTION:	SPARGER DEVICE FOR SPARGING A FL FLOTATION APPARATUS AND SYSTEM DEVICE, AND METHOD FOR SETTING C OF A SPARGER DEVICE	HAVING SUCH SPARGER		
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 numberfi	led on		
The above-identified application	n was made or authorized to be made by me.			
I believe that I am the original in	nventor or an original joint inventor of a claimed inventi	on 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>OUTOTEC (FINLAND) OY</u> (hereinafter "Assignee") having place of business at: <u>Rauhalanpuisto 9 FI-02230</u> <u>Espoo</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 witnes acknowledged, and for other good	seth, that in consideration of the sum of ONE DOLLAR and valuable consideration;	(\$1.00), the receipt of which is hereby		
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 LLP, located at 576 Broad Hollow Road, 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.				
OF INVENTOR Thi	rentor: iago Antonio NEPOMUCENO DO VALLE	Date: 28/05/2019		

CARTER, DELUCA & FARRELL LLP 576 BROAD HOLLOW ROAD MELVILLE, NEW YORK 11747

> PATENT REEL: 049363 FRAME: 0573

RECORDED: 06/04/2019