504805888 03/06/2018 PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4852620

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEY	ANCE:	ASSIGNMENT	
CONVEYING PARTY	DATA		
		Name	Execution Date
ALEX HEATH			02/19/2018
JEFFREY VICTOR BELKE		02/28/2018	
EDWARD ALLAN JAN	IIESON		02/19/2018
RECEIVING PARTY D			
Name:	OUTOTE	OUTOTEC (FINLAND) OY	
Street Address:	RAUHAL	RAUHALANPUISTO 9,	
City:	ESPOO		
Only.			

PROPERTY NUMBERS Total: 1

Postal Code:

Street Address:

State/Country:

Postal Code:

Name:

City:

Property Type	Number
Application Number:	15746500

HASELSTRASSE 1

SWITZERLAND

SWISS TOWER MILLS MINERALS AG

02230

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5401

CORRESPONDENCE DATA

Fax Number:	(631)	501-3526
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Email:	docke	et@cdfslaw.com, kdugo@cdfslaw.com
Correspondent Name:	CARTER, DELUCA, FARRELL & SCHMIDT, LLP	
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Address Line 2:	SUIT	E 420
Address Line 4:	MEL\	/ILLE, NEW YORK 11747
ATTORNEY DOCKET NUMBER	•	44600-27 PCT US
NAME OF SUBMITTER:		ROBERT P. MICHAL

PATENT REEL: 045503 FRAME: 0623

SIGNATURE:	/Robert P. Michal/	
DATE SIGNED:	03/06/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 3	·	
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source=01222002#page3.tif		

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	IMPROVEMENTS IN GRINDING MILLS			
INVENTION:				
As the below named inventor, I hereby declare that:				
This declaration is directed to	:			
The attached application, United States application	The attached application, or United States application or PCT international application number filed on			
The above-identified applicat	ion 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 invention 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 above and describe	-identified Inventor, have invented certain new and useful improvements in the Invention d 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>Rauhalaupuisto 9, Espoo</u> 02230, <u>Finland</u> , and <u>SWISS TOWER MILLS MINERALS AG</u> having place of business at: <u>Haselstrasse 1 5401 Baden</u> , <u>Switzerland</u> are 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.				
LEARL NAME AF INVENTOD	Inventor: Alex HEATH Date: 19/2/18 Signature: D MA			

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

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The attached application, o	Inited States application, or International application number filed on			
The above-identified application	on was made or authorized to be made by me.			
I believe that I am the original	inventor or an original joint inventor of a claimed invention in the application.			
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WHEREAS, I, the below-i identified above and described	identified Inventor, have invented certain new and useful improvements in the Inve i in the above-identified patent application(s) and/or patent(s) (hereinafter "Invention	ention on");		
WHEREAS, <u>Outotec (Finland) Ov</u> (hereinafter "Assignce") having place of business at: <u>Rauhalanpuisto 9, Espoo</u> 02230, <u>Finland</u> , and <u>SWISS TOWER MILLS MINERALS AG</u> having place of business at: <u>Haselstrasse 1 5401 Baden</u> , <u>Switzerland</u> are 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 Assignce;				
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 Assignce, 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 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.				
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<u>8.87.5.87.5.8.</u> 1.8.78.78.8.2 2.87. 8.8.18.787.8.18.8.383	Inventor: Jeffrey Victor BELKE Date:	<u>§</u> .		

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I believe that I am the origina	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.				
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WHEREAS, I, the below klentified above and describe	-identified Inventor, have invented certain new and useful d in the above-identified patent application(s) and/or pater	improvements in the Invention at(s) (hereinafter "Invention");			
WHEREAS, <u>Outotec (Finland) Oy</u> (hereinafter "Assignee") having place of business at: <u>Rauhalanpuisto 9</u> , <u>Espoo</u> 02230, <u>Finland</u> , and <u>SWISS TOWER MILLS MINERALS AG</u> having place of business at: <u>Haselstrasse 1 5401 Baden</u> , <u>Switzerland</u> are 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;					
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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.					
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1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	Inventor: Edward Allan JAMIESON	Date: 19/2/2018			
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CARTER, DELUCA, FARRELL & SCHMIDT, LLP 445 BROAD HOLLOW ROAD, SUITE 420 MELVILLE, NEW YORK 11747

RECORDED: 03/06/2018