505799812 12/03/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5846641 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AKI LAANINEN	10/28/2019
JAANA ROMPPANEN	10/29/2019
PETER BJORKLUND	11/22/2019
VALTTERI SONNINEN	11/07/2019
JANI JANSSON	11/13/2019

RECEIVING PARTY DATA

Name:	OUTOTEC (FINLAND) OY
Street Address:	RAUHALANPUISTO 9,
City:	ESPOO
State/Country:	FINLAND
Postal Code:	02230

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16675364

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.

Phone: 631-501-5700

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

Correspondent Name: CARTER, DELUCA & FARRELL LLP

Address Line 1:576 BROAD HOLLOW ROADAddress Line 4:MELVILLE, NEW YORK 11747

ATTORNEY DOCKET NUMBER: 44600-65 PCT US

NAME OF SUBMITTER: ROBERT P. MICHAL

SIGNATURE: /Robert P. Michal/

DATE SIGNED: 12/03/2019

Total Attachments: 5 source=01523720#page1.tif

PATENT 505799812 REEL: 051159 FRAME: 0963

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TITLE OF	METHOD AND ARRANGEMENT FOR	CONTROLLING A	
INVENTION:	BURNER OF A SUSPENSION SMELTIN	IG FURNACE	
As the below named inventor	, I hereby declare that:		
This declaration is directed to	o:		
 ☑ The attached application, or ☑ United States application or PCT international application number filed on 			
The above-identified applica	The above-identified application was made or authorized to be made by me.		
I believe that I am the origin	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>OUTOTEC (FINLAND) OY</u> (hereinafter "Assignee") having place of business at: <u>Rauhalanpuisto 9 FI-02230 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 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.			
LEGAL NAME OF INVENTOR	Inventor: Aki LAANINEN Signature:	Date: 28.10 2019	

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

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LEGAL NA OF INVEN		Inventor: Jaana ROMPPANEN Signature:	Date: 29 10. 2019

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	ventor: Peter BJÖRKLUND gnature:	Date: 22,11,2015	

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The above-identified application	on was made or authorized to be made by me.		
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WHEREAS, I, the below identified above and describe	-identified Inventor, have invented certain new and used in the above-identified patent application(s) and/or p	eful improvements in the Invention atent(s) (hereinafter "Invention");	
02230 Espoo, Finland, is desi	(FINLAND) OY (hereinafter "Assignee") having place irous of acquiring the entire right, title and interest in an anted therefore in the United States or its territorial pos	nd to said invention and in and to any	
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identified above, including ar Patent of the United States, ar reissues and reexaminations t priority rights, Convention rig	transfer my above-identified rights, title and interest in my divisions, continuations, and continuations-in-part the divisions of countries foreign thereto, which may be granted for hereof, which may be granted or have granted for said ghts, and other benefits accruing or to accrue to us with in the United States and countries foreign thereto, unto	nereof, and in and to any and all Letters said Invention, and in and to any and all Invention, and in and to any and all respect to the filing of applications for	
	nd request the Commissioner of Patents and Trademarl d Invention to said Assignee, as assignee of the whole		
patents, for filing divisions, c reissue or reissues of any Lett	in and execute all necessary and lawful further docume ontinuations, and continuations-in-part of said applicat ters Patent which may be granted for my aforesaid Inveto time require and prepare at its own expense.	ion for patent and/or for obtaining any	
Melville, New York 11747, tl	ts the firm of CARTER, DELUCA & FARRELL LLP, ne power to insert on this assignment any further identi with the rules of the United States Patent Office for reco	fication which may be necessary or	
LEGAL NAME I	nventor: Yalteri SONNINEN	D. 01/11/2019	

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

Signature: \(\sum{\lambda} \lambda \)

OF INVENTOR

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#1#7/14/74 TANATANAN	nventor: Jani JANSSON Signature:	Date: Nov 13, 2019 VANTAA FINLAND	

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

> PATENT REEL: 051159 FRAME: 0969

RECORDED: 12/03/2019