504603055 10/20/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JARMO KORHONEN	09/18/2017
PEKKA NUUTINEN	09/19/2017

RECEIVING PARTY DATA

Name:	FORTUM OYJ
Street Address:	KEILANIEMENTIE 1
City:	ESPOO
State/Country:	FINLAND
Postal Code:	02150

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15546685

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	FORT 40 US		
NAME OF SUBMITTER:	MATTHEW A. SWANSON		
SIGNATURE:	/Matthew A. Swanson Reg. No. 73276/		
DATE SIGNED:	10/20/2017		

Total Attachments: 2

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PATENT 504603055 REEL: 043909 FRAME: 0527

SEPPO LAINE OY

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

	Application No. <u>15/846.685</u> ***(Given Name FAMILY NAME (ALI			Filed: <u>July 27, 2017</u>	
Insert Name(s) of Inventor(s)			AME (ALL CAPS))***		
	WHEREAS,	KORHONEN, Jarmo NUUTINEN, Pekka			
	(hereinafter designated :	as the undersigned) has (he	ve) invented certain new and	useful improvements in	
Insert Title of Invention	Safety critical system	1			
		on for Letters Patent of the he case of a provisional app	ne United States of America plication).	has been executed by the	
Insert Date of Signing of Application	2017-09-19				
Insert Name of Assignee	WHEREAS,	Fortum Oyj	`		
Insert Address of Assignee	of Keilaniementie 1.	02150 Espoo, Finland			
CHECK BOX	acquiring the entire righ	t, title and interest in and it in the United States of Ar	ns (hereinafter designated as to said invention and in and t nerica and		
	or other previous agreed valuable consideration, does sell, assign and tra United States of America in and to any and all Le	I upon amount, the receipt the undersigned has (have unsfer unto said Assignee a, its territories, dependenc tters Patent(s) which may it	of Ten Dollars (\$10.00) to the cof which is hereby acknowing sold, assigned and transfer the full and exclusive right tipes and possessions and the elbe granted therefore in the Uther box above is designate.	ledged, and other good and tred, and by these presents to the said invention in the artire right, title and interest nited States of America, its	
	and to any and all divisi terms for which the same		s, conversions and extensions	thereof for the full term or	

PATENT REEL: 043909 FRAME: 0528

M8/ rw

Seppo Laine Oy

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby graht(s) the law firm of Seppo Laine Oy 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 U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or enoumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	18.9.2017	Name of Inventor	(signature)	KORHONEN, Jarmo		*****
Date	19.9.2012	Name of Inventor	(signature)	NUUTINEN, Pekka		
Date	*	Name of Inventor	(signature)			
Date		Name of Inventor	(signature)	:		
Date		Name of Inventor	(signature)			******
Date		Name of Inventor	(signature)			******
Date		Name of Inventor	(signature)			*****
Seppo (aine Oy	2.	/ 2		MS/ rw 03-2012	

PATENT REEL: 043909 FRAME: 0529

RECORDED: 10/20/2017