504776037 02/13/2018 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4822765

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT			
CONVEYING PART	Υ ΟΑΤΑ					
		Name	Execution Date			
Tero IHALAINEN			02/01/2018			
Juha YLI-PETAYS			02/01/2018			
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State/Country:	Finland	Finland				
Postal Code:	FI-013	FI-01380				
Application Number: 1557		15574603				
Property TypeApplication Number:1557		15574603				
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Fax Number: <i>Correspondence w</i>	rill be sent to	(703)836-2787 o the e-mail address first; if that i d; if that is unsuccessful, it will b				
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ASSIGNMENT

	Insert	(1) Tero II	HALAINEN	(2)	Juha YLI-PETÄYS		
(1-8)	Legal Name(s)	(3)		(4)			
	of laventor(s)	(5)		(6)			
		(7)		(8)			
		In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to					
(9)	Insert Name of Assignce	(9) METS	(9) METSO FLOW CONTROL OY				
(10)	Incart Address of	(10) Vanha) Vanha Porvoontie 229, Vantaa, FI-01380 Finland				
		(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as					
(11)	lasert Identification such as Title, Case Number, ar Foreign	(11) VALV	E POSITIONER				
	Application Number	(Attorney Doct	cet No. 179182), 1	iled on even date herewith or as		
(12)	Alternative Identification for	(12) U.S. App	plication Number 15/57	4,603			
	filed applications	filed Nove	mber 16, 2017				
	1) Each undersigned agre	es to execute all papers accessery in connection with any application and/or patent for the invention and also					

necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.

2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patent for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.

3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements. 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or

reexamination a grant of a valid United States patent to the Assignee.

5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignce, as Assignce of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.

6) Each undersigned hereby grants the firm of OLIFF PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

States States

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

Date	187 FEB 2018	Inventor Signature	When yt-Rhen (SEAL)
Date	1st Feb 2019	Inventor Signature	Tele There THALAWEU (SEAL)
Date	<u>1<5</u>	Inventor Signature	(SEAL)
Date	,	Inventor Signature	(SEAL)
Dute	- 	Inventor Signature	(SEAL)
Date		Inventor Signature	
Dste		Inventor Signature	
Date		Inventor Signature	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. if neither, then it should be signed before at least two witnesses who also sign here:

Date	1 st Feb	Qest 8	Witness	(10000 Upp
Date	157 Eco	2018	Witness	<u></u>

RECORDED: 02/13/2018

PATENT REEL: 044913 FRAME: 0710