## 502635097 01/14/2014

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY DATA					
		N		Execution Date	
MOHAMED KHALIFA			laine	01/13/2014	
RECEIVING PARTY DATA					
Name: YOKOGAWA CORPO			PORATION OF AMERICA		
Street Address:	1	12530 WEST AIRPORT BOULEVARD			
City:	SUGAR LAND				
State/Country:	TEXAS				
Postal Code:	77478				
Danie ant a To			Manakan		
Property Type					
Property Ty Application Number:	/pe	14155	Number 078		
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PATENT 502635097 REEL: 031967 FRAME: 0071

This document serves as an Oath/Declaration (37 CFR 1.63).

## Total Attachments: 4

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PATENT REEL: 031967 FRAME: 0072

U.S. Patent Appln. No. <u>14/155,078</u> Filing Date <u>January 14, 2014</u>

Attorney Docket No. 28442-0039

PARTIES TO THE ASSIGNMENT

Assignor(s):

MOHAMED KHALIFA

12530 West Airport Boulevard

Sugar Land, TX 77478

Assignee:

Yokogawa Corporation of America

12530 West Airport Boulevard

Sugar Land, TX 77478

**AGREEMENT** 

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled **OPTIMIZED** 

TECHNIQUES FOR GENERATING AND MEASURING TOROIDAL VORTICES VIA AN

INDUSTRIAL VORTEX FLOWMETER (Invention) for which a non-provisional application for

United States Letters Patent

was filed on January 14, 2014 and accorded U.S. Application No. 14/155,078; or

will be filed concurrently with the submission of this executed PATENT ASSIGNMENT for

recordation.

ASSIGNOR(S) hereby authorizes and requests ASSIGNEE'S legal representatives, of

Sutherland Asbill & Brennan LLP, associated with Customer No. 29052, to insert in the header above and

here in parentheses (U.S. Application No. 14/155,078, filed January 14, 2014) this application's U.S.

application number and filing date, when known.

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PATENT REEL: 031967 FRAME: 0073

U.S. Patent Appln. No. <u>14/155,078</u> Filing Date <u>January 14</u>, <u>2014</u>

Attorney Docket No. 28442-0039

WHEREAS, ASSIGNEE, a corporation of the State of Delaware, is desirous of acquiring the

entire right, title and interest in and to the Invention and in and to any letters patent that may be granted

therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is

hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE its successors

and assigns, the entire right, title and interest in and to said Invention and any improvements thereto, said

Application and any and all letters patent which may be granted for said Invention in the United States of

America and its territorial possessions and in any and all foreign countries, and in any and all provisional,

divisions, reissues, re-examinations and continuations thereof, including the right to file foreign

applications directly in the name of ASSIGNEE and to claim priority rights deriving from said application

to which said foreign applications are entitled by virtue of international convention, treaty or otherwise,

said Invention, application and all letters patent on said Invention to be held and enjoyed by ASSIGNEE

and its successors and assigns for their use and benefit and of their successors and assigns as fully and

entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer

and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and

Trademarks to issue all letters patent on said Invention to ASSIGNEE. ASSIGNOR(S) agree

to execute all instruments and documents required for the making and prosecution of applications for

United States and foreign letters patent on said Invention, for litigation regarding said letters patent, or for

the purpose of protecting title to said Invention or letters patent therefor.

AND ASSIGNOR(S) DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its

successors, legal representatives, and assigns all claims for damages and all remedies arising out of any

violation of the rights assigned hereby that may have accrued prior to the date of assignment to

ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain

damages for past infringements of said letters patent before or after issuance.

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PATENT

U.S. Patent Appln. No. <u>14/155,078</u> Filing Date <u>January 14</u>, <u>2014</u>

Attorney Docket No. 28442-0039

AND ASSIGNOR(S) DOES HEREBY covenant and agree that ASSIGNOR(S) will

communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to

ASSIGNOR respecting the Invention or said application, and testify in any legal proceeding, assist in the

preparation of any other patent property relating to the application and the Invention or any improvements

made thereto, sign/execute all lawful papers, provide all requested documents, execute and make all

rightful oaths and/or declarations in connection with the application and the Invention including any

improvements made thereto, any patent applications filed therefrom, and any continuing application filed

from any of the aforementioned applications, and do anything else reasonably necessary to aid the

ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent

protection for the Invention in all countries. These provisions are binding upon our heirs, legal

representatives, administrators, and assigns.

CORRESPONDENCE ADDRESS

I hereby direct all correspondence and telephone calls in connection with this application be

addressed to the number associated with the customer number listed below, which is:

Customer No.

29052

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**PATENT** REEL: 031967 FRAME: 0075

U.S. Patent Appln. No. 14/155,078 Filing Date January 14, 2014	Attorney Docket No. <u>28442-0039</u>
<u>DECLARATION</u>	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
the attached application; or	
☑ United States application number 14/155.0	filed on <u>January 14, 2014</u> ; or
PCT international application number	filed on
The above-identified application was made or authori	ized to be made by me.
I believe that I am the original inventor or an original application. I have reviewed and understand the cont acknowledge the duty to disclose to the US Patent & material to the patentability as defined in 37 CFR 1.50 statement made in this declaration is punishable under than five (5) years, or both.	ents of the above-identified application, and Trademark Office all information known to me to be 6. I hereby acknowledge that any willful false
Legal name of inventor: MOHAMED KHALIFA $\frac{1/13/20/4}{\text{Date}}$	McRamed Khalifai Inventor Signature
WITNESSED BY:	
1/13/2014 Date	Witness (Signature)
1/13/2014 Date	James (Signature)