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## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY	ΟΑΤΑ				
		Name	Execution Date		
TAKAHIRO OKADA			06/22/2015		
KOTARO MATSUSHIT	A		06/22/2015		
RECEIVING PARTY D	ΑΤΑ				
Name:	ASAHI	ORGANIC CHEMICALS INDUSTR	RY CO., LTD.		
Street Address:	2-5955	2-5955, NAKANOSE-CHO			
Internal Address: NOBEOKA		DKA-SHI	 (A-SHI		
City:	MIYAZ	AKI			
State/Country:	JAPAN				
Postal Code:	882-86	882-8688			
Property Type Application Number:		Number   14769927			
Application Number:		14769927			
CORRESPONDENCE	DATA				
		(703)836-7419			
Correspondence will	be sent to	the e-mail address first; if that is			
Correspondence will	be sent to f provideo				
Correspondence will using a fax number, if	be sent to f provideo	the e-mail address first; if that is l; if that is unsuccessful, it will be			
using a fax number, if Phone: Email: Correspondent Name	be sent to f provideo	<i>the e-mail address first; if that is</i> <i>I; if that is unsuccessful, it will be</i> 7032996934	e sent via US Mail.		
Correspondence will i using a fax number, if Phone: Email: Correspondent Name: Address Line 1:	be sent to f provideo :	<i>the e-mail address first; if that is</i> <i>if that is unsuccessful, it will be</i> 7032996934 Ashley.Fernandez@bipc.com BUCHANAN INGERSOLL & ROOM P.O. BOX 1404	<i>e sent via US Mail.</i> NEY PC		
Correspondence will i using a fax number, if Phone: Email: Correspondent Name	be sent to f provideo :	<i>the e-mail address first; if that is</i> <i>i; if that is unsuccessful, it will be</i> 7032996934 Ashley.Fernandez@bipc.com BUCHANAN INGERSOLL & ROOM	<i>e sent via US Mail.</i> NEY PC		
Correspondence will i using a fax number, if Phone: Email: Correspondent Name Address Line 1: Address Line 4:	be sent to f provideo :	<i>the e-mail address first; if that is</i> <i>if that is unsuccessful, it will be</i> 7032996934 Ashley.Fernandez@bipc.com BUCHANAN INGERSOLL & ROOM P.O. BOX 1404	<i>e sent via US Mail.</i> NEY PC		
Correspondence will i using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	be sent to f provideo : IUMBER:	<i>the e-mail address first; if that is</i> <i>i; if that is unsuccessful, it will be</i> 7032996934 Ashley.Fernandez@bipc.com BUCHANAN INGERSOLL & ROOM P.O. BOX 1404 ALEXANDRIA, VIRGINIA 22313-14	<i>e sent via US Mail.</i> NEY PC		
Correspondence will i using a fax number, if Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER	be sent to f provideo : IUMBER:	<i>the e-mail address first; if that is</i> <i>if that is unsuccessful, it will be</i> 7032996934 Ashley.Fernandez@bipc.com BUCHANAN INGERSOLL & ROOM P.O. BOX 1404 ALEXANDRIA, VIRGINIA 22313-14 1001560-000652	<i>e sent via US Mail.</i> NEY PC		
Correspondence will i using a fax number, if Phone: Email: Correspondent Name: Address Line 1:	be sent to f provideo : IUMBER:	b the e-mail address first; if that is l; if that is unsuccessful, it will be 7032996934 Ashley.Fernandez@bipc.com BUCHANAN INGERSOLL & ROON P.O. BOX 1404 ALEXANDRIA, VIRGINIA 22313-14 1001560-000652 ASHLEY FERNANDEZ	<i>e sent via US Mail.</i> NEY PC		
Correspondence will i using a fax number, if Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER SIGNATURE:	be sent to f provideo : IUMBER:	b the e-mail address first; if that is l; if that is unsuccessful, it will be 7032996934 Ashley.Fernandez@bipc.com BUCHANAN INGERSOLL & ROON P.O. BOX 1404 ALEXANDRIA, VIRGINIA 22313-14 1001560-000652 ASHLEY FERNANDEZ /Ashley Fernandez/	<i>e sent via US Mail.</i> NEY PC		

## **U.S. ASSIGNMENT**

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by  $\frac{1}{2}$ 

ddress(es))	2-5955, Nakanose-cho, Nobe	LS INDUSTRY CO., LTD. 	
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	(hereinafter "ASSIGNEE"), the receipt of transfers to ASSIGNEE the entire and ex		e undersigned ASSIGNOR hereby sells, assigns and the invention entitled
	FLUID MIXER AND SYSTEM		
tle of vention)			
	relating to International Patent Application the United States was executed on even of	on PCT/JP <u>2014</u> / <u>054044</u> date herewith or, if not so executed	and/or for which application for Letters Patent of d, was:
sert date	(a) executed on	:	hereby authorized to insert in (b) the specified
execution application, not	(b) filed on		nereoy aumorized to insert in (b) the spectfied
ncurrent)	Serial No//////	;	
	renewal, substitute, reissue or reexamina	ation application based thereon, fo	d on said application and any continuation, divisior or the full term or terms for which the said Letters , hereinafter, "said application(s) and Letters
	The ASSIGNOR agree(s), when		without charge to but at the expense of said
			able or expedient, for securing, maintaining and
	said Letters Patent(s), in any interference proceeding which may arise or be declare including separate assignments and decl	, reissue, reexamination, or public d in relation to same, such acts to	osecution of said application(s) and the issuance of c use proceeding, and in any litigation or other legal o include but not be limited to executing all papers, providing sworn testimony, and obtaining and
	said Letters Patent(s), in any interference proceeding which may arise or be declare including separate assignments and decl producing evidence.	, reissue, reexamination, or public d in relation to same, such acts to arations, taking all rightful oaths,	osecution of said application(s) and the issuance of c use proceeding, and in any litigation or other legal b include but not be limited to executing all papers, providing sworn testimony, and obtaining and
	said Letters Patent(s), in any interference proceeding which may arise or be declare including separate assignments and decl producing evidence. IN WITNESS WHEREOF, the u	, reissue, reexamination, or public d in relation to same, such acts to arations, taking all rightful oaths, ndersigned inventor(s) has (have)	osecution of said application(s) and the issuance of c use proceeding, and in any litigation or other legal b include but not be limited to executing all papers, providing sworn testimony, and obtaining and affixed his/her/their signature(s).
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gnatures)	said Letters Patent(s), in any interference proceeding which may arise or be declare including separate assignments and decl producing evidence. IN WITNESS WHEREOF, the u 1) Johahiro Chauda (SIGNATURE)	, reissue, reexamination, or public d in relation to same, such acts to arations, taking all rightful oaths, ndersigned inventor(s) has (have) Takahiro Okada (TYPE NAME)	osecution of said application(s) and the issuance of c use proceeding, and in any litigation or other legal o include but not be limited to executing all papers, providing sworn testimony, and obtaining and affixed his/her/their signature(s). 
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gnatures)	said Letters Patent(s), in any interference proceeding which may arise or be declare including separate assignments and decl producing evidence. IN WITNESS WHEREOF, the u 1) John John Olanda (SIGNATURE) 2) Kotaro Matsushita. (SIGNATURE)	, reissue, reexamination, or public d in relation to same, such acts to arations, taking all rightful oaths, ndersigned inventor(s) has (have) Takahiro Okada (TYPE NAME) Kotaro Matsushita (TYPE NAME)	osecution of said application(s) and the issuance of c use proceeding, and in any litigation or other legal b include but not be limited to executing all papers, providing sworn testimony, and obtaining and affixed his/her/their signature(s). 
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gnatures)	said Letters Patent(s), in any interference proceeding which may arise or be declare including separate assignments and decl producing evidence. IN WITNESS WHEREOF, the u 1) <u>Jahahiro Ukaala</u> (SIGNATURE) 2) <u>Kotaro Matsushita</u> (SIGNATURE) 3)(SIGNATURE)	, reissue, reexamination, or public d in relation to same, such acts to arations, taking all rightful oaths, ndersigned inventor(s) has (have) Takahiro Okada (TYPE NAME) Kotaro Matsushita (TYPE NAME) (TYPE NAME)	osecution of said application(s) and the issuance of to use proceeding, and in any litigation or other legal to include but not be limited to executing all papers, providing sworn testimony, and obtaining and affixed his/her/their signature(s). June 22, 2015 (DATE) (DATE) (DATE)
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**RECORDED: 08/24/2015**