# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
YOSHINORI OSAKABE	05/21/2015
TOMOHISA HIGUCHI	05/21/2015
AKIRA SHINODA	05/25/2015
AKINORI IGARASHI	05/21/2015
SUGURU TOMOGUCHI	05/19/2015
HISAKI SAKURAI	05/19/2019

### **RECEIVING PARTY DATA**

Name:	me: BROTHER KOGYO KABUSHIKI KAISHA			
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City:	NAGOYA-SHI, AICHI-KEN			
State/Country:	JAPAN			
Postal Code:	467-8561			

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number					
Application Number:	16993536					

## **CORRESPONDENCE DATA**

**Fax Number:** (612)332-9081

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.

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ATTORNEY DOCKET NUMBER:	04505.0070FPC3
NAME OF SUBMITTER:	MARK L. GLEASON
SIGNATURE:	/Mark L. Gleason/
DATE SIGNED:	08/14/2020

**Total Attachments: 1** 

PATENT REEL: 053496 FRAME: 0916

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PATENT REEL: 053496 FRAME: 0917

## 2014-02899US/57NK30

## **ASSIGNMENT**

		(1)	Yoshinori	<b>OSAKABE</b>		(5)	Sugur	u_TOM	IOGUC!	<u> </u>	
(1-8)	Insert	(2)	Tomohisa i	HIGUCHI		(6)	Hisaki	SAKU	RAI		
	Name(s) of Inventor(s)	(3)	Akira SHIN	ODA		(7)					
		(4)	Akinori IGA	RASHI		(8)					
			In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and over to								
(9)	insert Name of Assignee	(9)	BROTHER KOGYO KABUSHIKI KAISHA								
(10)	Insert Address of Assignee	(10)	15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi-ken, 467-8561 Japan								
			(hereinafter designated as the Assignee) 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, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as								
(11)	insert identification	(11)	LIQUID JE	TTING APP	ARATUS						
	of Invention such as Title, Case						_	_			
	Number, or Foreign Application Number		(Attorney Docke	et No		<u>-</u>		_			)
44.0	I Make of		for which the und	lersigned has (ha	ave) executed	i an appli	cation for	patent in	the United	States of /	America
(12)	Insert Date of Signing of Application	(12)	on <u>M</u>	ay 19,201	5		May_	21,	2015	May	25, 20/5
Identification for filed applications		(13)	U.S. application	Serial Number		No. 14	4/666,063		16/993	3,536	
			filed on (s) to execute a		h 23, 2015		<del></del>		ugust 1		
reissue a application any appli Assignee claims or reexamin States re full right therewith.	pplications for the in- ons and patents as the 2) The undersigned cation or continuation In every way possible 3) The undersigned provisions of the Inte 4) The undersigned atton a grant of a valid 5) The undersigned sulting from said applications of convey the entire in	vention Assignment Assignment Agree	n, and any pater gnees may deem (s) to execute all ision thereof, or a taining evidence (e) to execute all hal Convention fo (s) to perform a ed States patent if y authorize(s) and his or the said A herein assigned, by grant(s) the	it(s) issuing their necessary. papers necessary. papers necessard going forwar papers and do for a formative act to the Assignee. It request(s) the 6 ssignee, as Assigned, as has and that he has firm of Merchal	ary in connect sue application with such incuments and industrial Propers which may Commissione (they have) in a Gould	o to execution with on based of terference perform a enty or sin be nece of Pate of the other of execution.	any interfithereon, if thereon, if thereon, if the condition and it will be any act with millar agreements to institute the condition and view power if the power if the condition and view power is the condition and view po	rate assignments. obtain, may aments. obtain, may an hereby covill not ex-	mments in thich may be rention, and the necessional necessiona necessional necessional necessiona necessional necessiona neces	connection  e declared for cooper  eary in con  confirm by s Patents c  nat he has agreement ssignment	n with such I concerning net with the nection with y relessue or of the United (they have) ts in conflict any further
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**PATENT REEL: 053496 FRAME: 0918** 

**RECORDED: 08/14/2020**