# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

### **CONVEYING PARTY DATA**

Name	Execution Date
HIROAKI TAKAHASHI	08/23/2019
YOSHINORI OSAKABE	08/23/2019
AKINARI ISHIBE	08/26/2019
TATSUYA SHINDO	08/27/2019
MASAHIRO HAYASHI	08/26/2019

### RECEIVING PARTY DATA

Name: BROTHER KOGYO KABUSHIKI KAISHA		
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## **PROPERTY NUMBERS Total: 1**

Property Type	Number			
Application Number:	17410107			

### **CORRESPONDENCE DATA**

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NAME OF SUBMITTER:	MARK L. GLEASON
SIGNATURE:	/Mark L. Gleason/
DATE SIGNED:	08/24/2021

**Total Attachments: 1** 

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PATENT REEL: 057269 FRAME: 0773

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# **ASSIGNMENT**

		(1)	Hiroaki TAKA	HASHI	(5)	Masahiro HAYASHI	
(1-8) Insert Name(s) of Inventor(s)	(2)	Yoshinori OSA	AKABE	(6)			
	(3)	Akinari ISHIBI	3	(7)			
		(4)	Tatsuya SHIND	00	(8)		
			In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to				
(9)	Insert Name of Assignee	(9)	BROTHER KOGYO KABUSHIKI KAISHA				
(10)	Insert Address of Assignee	(10)	15-1 Naeshiro-	cho, Mizuho-ku, Na	ngoya, Aichi, 467	-8561, Japan	
			defined in 35 U.S non-provisional,	S.C. §100, in the invidentional, continu	vention, and in all ation, substitute,	ght, title and interest for the United St applications for patent including any and reissue application(s), and at may be granted on the invention kn	and all provisional, all Letters Patent,
(11) Insert Identification of invention			LIQUID SUPP	THERETO			
	such as Title, Case Number, or Foreign Application Number	ı	(Attorney Docke	et No.			)
			for which the und	lersigned has (have	) executed an app	olication for patent in the United States	of America
(12)	Insert Date of Signing of Application	(12)	on Ou	4g.23.20	19 A	ug. 26, 2019 Aug	2.27, 2019
(13)	Alternative	(13)	U.S. application	Serial Number			
	Identification for filed applications		filed	August 26	, 2021		
patents applicati Assigne claims o reexami States r right to herewith	ons for the invention, as the Assignees may 2) The undersigned on or continuation or e in every way possib 3) The undersigned or provisions of the Introduced A) The undersigned at the undersigned by The undersigned esulting from said appropriate the entire introduced A and the undersigned esulting from said appropriate the entire introduced A and the undersigned and the undersigned and the undersigned and the encessary or entire interest and the entire inter	and and and and and agreed divising the legal of the lega	ny patent(s) issuing a necessary.  (s) to execute all on thereof, or any obtaining evidence a less to execute all nal Convention for eed States patent to be a vauthorize(s) ann(s) to the said Asterein assigned, any grant(s) the firm	g thereon, and also papers necessary is patent or reissue and going forward will papers and docuir Protection of Indus all affirmative acts of the Assignee. If the Consignee, as Assignee, and that he has (the page of the second that he p	n connection with application base with such interferer ments and perfor strial Property or si which may be normissioner of Property of the entire interpretation of the entire interpretation of the entire interpretation.	m any act which may be necessary	ared concerning any cooperate with the in connection with infirm by reissue or atents of the United has (they have) full eements in conflict further identification
	In witness whereof,	exect	ited by the under	signed on the date	e(s) opposite the	undersigned name(s).	
Date	Olum 7			Name of Invento	.,	chi Takahashi	(SEAL)
Date	~~		2019	Name of Invento	11 11/	KABE	(SEAL)
Date	a aug. 26	9 5	2019	Name of Invento	r alimare	Sthaloe.	(SEAL)
Date	. <u>Aug</u> . 27	, ,	2019	Name of Invento	r <u>Jaitsuya</u> Tatsuya SHINI	Shir'do	(SEAL)

**PATENT** 

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Name of Inventor

Masahiro HAYASHI

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REEL: 057269 FRAME: 0774