505992794 03/31/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

CONVEYING PARTY DATA

Name	Execution Date
TAISUKE MIZUNO	03/09/2020
HIDEKI HAYASHI	03/09/2020

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number			
Application Number:	16835629			

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NAME OF SUBMITTER:	LISA A. BAHM
SIGNATURE:	/Lisa A. Bahm/
DATE SIGNED:	03/31/2020

Total Attachments: 1

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PATENT REEL: 052271 FRAME: 0335 505992794

ASSIGNMENT

		(1)	Taisuke MIZ	UNO		(5)		·····	
(1-8) insert Name(s) of Inventor(s)	(2)	Hideki HAYA	\SHI		(6)				
	(3)				(7)				
	(4)								
			In conside	ration of the sum	of one	dollar (\$1.00) and	d other good and valuable ssign, and hereby does a	considerations paid 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 EJE	CTION HEAD					
	of Invention such as Title, Case					***************************************			
	Number, or Foreigr Application Number		(Attorney Doc	ket No.)	
			for which the u	ndersigned has (h			ition for patent in the Unite		
(12)	Insert Date of Signing of Application	(12)	on	mar. 9	24	720			
(13)	Alternative Identification for filed applications	(13)	U.S. applicatio	n Serial Number	.,				
applicat any app Assigne claims c reexami States r full right herewill identific	ions and patents as the 2) The undersigned lication or continuation is in every way possib 3) The undersigned or provisions of the Interest 4) The undersigned ination a grant of a value 5) The undersigned is to convey the entire is 1. 6) The undersigned is to convey the undersigned is to convey the undersigned in the undersigned is to convey the undersigned in the unders	e Ass agree or di le in o l agree ernatio l agree id Uni herel olicatio rteres	ignees may deer a(s) to execute a vision thereof, or btaining evidence e(s) to execute : ornal Convention e(s) to perform ted States paten by authorize(s) a orn(s) to the said therein assigner eby grant(s) the	m necessary. all papers necessary patent or reise and going forwall papers and dor for Protection of Ir all affirmative act to the Assignee, nd request(s) the Assignee, as Assid, and that he has a firm of Banner	ary in c sue ap rd with cument dustria s whice Comm ignee (they	connection with ar inplication based the such interference is and perform an all Property or similal the may be necessalissioner of Patent of the entire interestance) not execute itcoff, LTD the	y act which may be nece	be declared concerning and to cooperate with the essary in connection with a confirm by reissue or ers Patents of the United that he has (they have) y agreements in conflict assignment any further	
records	In witness whereof	exec	uted by the und	lersianed on the	date(s	opposite the ur	dersigned name(s).		
Date	Man . 9	, 2	020	Name of Inve	intor	Taisuhe	myres	(SEAL)	
Date	· Mar. 9.	چ	020	Name of Inve	ntor	Hideki HAYASH	Hazashi	(SEAL)	
Date									
Date	8 :			Name of Inve	entor			(SEAL)	
Date	e			Name of Inve	entor			(SEAL)	
Dat	e			Name of Inve	entor			(SEAL)	

PATENT REEL: 052271 FRAME: 0336

RECORDED: 03/31/2020