505254212 12/27/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIROMITSU MIZUTANI	12/18/2018

RECEIVING PARTY DATA

Name:	BROTHER KOGYO KABUSHIKI KAISHA	
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PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	16233626		

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ATTORNEY DOCKET NUMBER:	006796.00109
NAME OF SUBMITTER:	GARY D. FEDOROCHKO
SIGNATURE:	/Gary D. Fedorochko/
DATE SIGNED:	12/27/2018

Total Attachments: 1

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PATENT REEL: 047860 FRAME: 0780

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ASSIGNMENT

		(1)	Hiromitsu MIZUTANI	(5)	7.878.00.000.000.000.000.000.000.000.000		
(1-8) Insert	(2)		(6)				
Name(s) of inventor(s)		(8)	w				
	(4)	7500000438450456444964					
			In consideration of the sum of one	dollar (\$1.00) and other good and valuable consider gree(s) to sasign, and hereby does assign, transfer	rations paid to each		
(9)	insert Name of Assignee	(9)	BROTHER KOGYO KABUSHIKI KAISHA				
(10)	Insert Address of Assignee	(10)	16-1 Nasahiro-cho, Mizuho-ku, Nagoya-shi, Alohi-ken 467-8561, Japan				
			(hereinafter designated as the Assignee) the entire right, title and interest for the United States of A as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Patent, extensions, relessues and reexamination certificates that may be granted on the invention know				
(11)	insert Identification of invention such as Title, Case	(11)	PRINTER				
	Number, or Foreig Application Number		****				
				executed an application for patent in the United Stat			
(12)	Insert Date of Signing of Application	(12)	on Dec. 18,	2018	RANDAMA CONTRACTOR OF THE STATE		
(13)	Alternative Identification for filed applications	(13)	C1	VACCOURS COOLS COO			
applicati any appli Assigne claims o reexamil States n full right nerewith	applications for the latens and patents as the 2. The undersigned loation or continuation in every way possible in every way possible. 3) The undersigned reprovisions of the interpretation a grant of a validation a grant of a validation at grant of a validation at grant of a validation at grant of a validation of the undersigned esculting from said application convey the entire in the undersigned ay be necessary or descriptions.	nventione Assigned As	n, and any patent(s) issuing thereon, gnees may deem necessary. (s) to execute all papers necessary to ision thereof, or any patent or relastic staining evidence and going forward with (s) to execute all papers and docume nel Convention for Protection of industricts to perform all affirmative acts which states patent to the Assignes, y authorize(s) and request(s) the Commis) to the said Assignes, as Assignes herein assigned, and that he has (the) y grant(s) the firm of Banner & Witcoff	nts and perform any act which may be necessary	actered concerning cooperate with the in connection with the illim by reissue or atents of the United he has (they have) sements in conflict further identification.		
	in witness whereof,	ө х өсш	ied by the undersigned on the date(s) opposite the undersigned name(s).			
Date	Dec. 18	20	Name of Inventor	Hiromitsu Mizutani Hiromitsu MIZUTANI	(SEAL)		
Date	THE PROCEST AND ADDRESS OF THE PROCESS OF THE PROCE		Name of Inventor	V-2000002.6U.05MA3302.	(SEAL)		
Date	***************************************	nnonnonnun	Name of Inventor		(SEAL)		
Date	***************************************		Name of Inventor	20-703	(SEAL)		
Marke			Manage of November				

PATENT REEL: 047860 FRAME: 0781

RECORDED: 12/27/2018