504666389 12/01/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NORIHIKO ASAI	03/03/2012

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number				
Application Number:	15828538				

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	04483.0037FPC2
NAME OF SUBMITTER:	ANDREW J. LAGATTA
SIGNATURE:	/Andrew J. Lagatta/
DATE SIGNED:	12/01/2017

Total Attachments: 1

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		(1)	Norihiko AS	SA1	(5)				
(1-8) Insert	(2)			(6)					
	Name(s) of inventor(s)								
			(8)						
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(9)	Insert Name of Assignes	(9)	BROTHER I	BROTHER KOGYO KABUSHIKI KAISHA					
(10)	Insert Address of Assignee	(10)	15-1 Nasshiro-cho, Mizuho-ku, Nagoya—shi, Alchi—ken 467-8561, Japan						
			as defined in a provisional, no Patent, extensi	signated as the Assign 35 U.S.C. §100, in the m-provisional, divisional ions, reissues and reex	: invention, an i, continuation, amination certil	d in all applic substitule, an loates that may	ations for patent d reissus epplicat / be granted on th	including en tion(s), and a a invention k	y and all all Letters nown as
(11)	insert identification	(11)	APPARAT	ir readable re us, and inform	CORDING ATION PRO	CESSING M	NFORMATION IBTHOD	N PROCES	UNISS
	of invention such as Title, Case								
	Number, or Foreign Application Number	1 :r	•	ckel No.					
			for which the u	indersigned has (have)	executed an ap	plication for pa	itent in the United	States of An	erica '
(12)	Insert Date of Signing of Application	(12)	on		15/828				_
(13)	Alternative	(13)	U.S. application	on Serial Number	mber 1,	,,,,,,,,	***************************************		
	identification for filed applications		filed	Dece	mber 1,	2017			
applical any app Assigne claims of reaxam Stales a full right herewith which n	applications for the I ions and patents as it 2) The undersigner ification or continuation in every way possit 3) The undersigner or provisions of the Int 4) The undersigner ination a grant of a va 5) The undersigner esuiting from said ap 1 to convey the entire in 6) The undersigner hay be necessary or on	rivention Associated Asociated Associated Associated Associated Associated Associated As	on, and any pel gnees may des e(s) to execute vision thereof, o blaining evidence(s) to execute and Convention tele(s) to perform tele States pater by authorize(s) a therein assigns	all papers necessary and rany patent or relasue or and going forward with all papers and docume for Proteotion of Industrial all affirmative acts white to the Assignes, and request(s) the Com I Assignes, as Assignes ad, and that he has (the	and also to e a connection w application bas in such interfer ands and perfor ital Property or alich may be n imissioner of P e of the entire in y have) not ex-	ith any interfered thereon, for ence. m any act whit similar agreem eccessary to old etents to issue interest, and heculed, and wier to insert on.	ence which may be the invention, and the invention, and the invention, and the invention of may be naces in the invention of any and all Letter areby covernants to it not execute, any this assignment as	be declared of the cooperate sary in confirm by the confirmation of the confirmation o	concerning to with the action with reissue or the United they have) in conflict antification
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