PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
HIDENORI JO	12/18/2014
MINORU YAMAMOTO	12/18/2014
TAKAMINE HOKAZONO	12/18/2014
YUKI NAGASHIMA	12/18/2014
KENJI KURITA	12/18/2014

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	14579182		

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ATTORNEY DOCKET NUMBER:	006838.00135	
NAME OF SUBMITTER:	CHUNHSI ANDY MU	
SIGNATURE:	/Chunhsi Andy Mu/	
DATE SIGNED:	01/13/2015	

Total Attachments: 1

PATENT REEL: 034695 FRAME: 0144

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PATENT REEL: 034695 FRAME: 0145

ASSIGNMENT

		(1)	Hidenori JO	·····	(5) Kenji KURITA			
(1-8) Insert Name(s) of Invento	nsert	(2)	Minoru YAMA	мото	(6)			
	Name(s) of inventor(s)	(3)	Takamine HC	KAZONO	(7)			
		(4)	Yuki NAGASI	HMA	(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 KO	OGYO KABUSHIKI	KAISHA			
		(10)	15-1 Naeshiro	-cho, Mizuho-ku, N	igoya-shi, Alchi-ken, 467-856			
			(hereinsfter 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 relssue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as					
(11)	insert Identification	(11)	PRINTER					
	of invention such as Title, Case							
	Number, or Foreign Application Number		(Attorney Docke).		
			for which the unc	lersigned has (have) e	secuted an application for patent i	n the United States of America		
(12)	insert Date of Signing of Application	(12)	on	Dec. 18,	2014			
(13)	Alternative Identification for filed applications	(13)	U.S. application	Serial Number				
reissue a application any application and appl	applications 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 sation a grant of a valid 5) The undersigned sutting from said app to convey the entire in 6) The undersigned tion which may be n on of this document.	ventice Assi- agree or diversity of the agree of the agre	n, and any pater gnees may deem (s) to execute all felion thereof, or a staining evidence (s) to execute all nai Convention for (s) to perform a ed States patent by authorize(s) and (s) to the said A herein assigned, any or desirable	it(s) Issuing thereon, in necessary. papers necessary in my patent or relessue a and going forward with papers and documer if Protection of Industrial affirmative acts white the Assignee. If request(s) the Common seignee, as Assignee and that he has (they thim of Banner & Min order to comply when the session in the sess	nd also to execute separate assembled and also to execute separate assembled in the formal of the insuch interference. It is and perform any act which may be necessary to obtain, also and performants to issue any a fittee entire interest, and hereby have) not executed, and will not executed.	maintain or confirm by reissue or and all Letters Patents of the United covenants that he has (they have) execute, any agreements in conflict ton this assignment any further Patent and Trademark Office for		
					opposite the undersigned nar			
Date	Dec. 18,	_2.	4	Name of Inventor	Hidenori Jo	(SEAL)		
Date	Dec. 18.	2	014		Minera Ya			
Date	Dec. 18,	2	0/4		<u>Jakaniri Hokaz</u>			
Date	Dec.18	, 2	014		Yuki Nagash			
Date	Dec. 18	, 2	014	Name of Inventor	Kenji Kurita	(SEAL)		
Date		á	i	Name of Inventor		(SEAL)		

PATENT REEL: 034695 FRAME: 0146

RECORDED: 01/13/2015