# 503177321 02/12/2015

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

#### **CONVEYING PARTY DATA**

Name	Execution Date
HIRONORI HIRATA	02/03/2015

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## **PROPERTY NUMBERS Total: 1**

Property Type	Number			
Application Number:	14620538			

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	4483.126FP01
NAME OF SUBMITTER:	ANDREW J. LAGATTA
SIGNATURE:	/Andrew J. Lagatta/
DATE SIGNED:	02/12/2015

**Total Attachments: 1** 

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PATENT 503177321 REEL: 034948 FRAME: 0584

#### **ASSIGNMENT**

		(1)	_Hironori ]	HIRATA	(5)		
(1-8) Insert		(2)			(6)		
	Name(s) of Inventor(s)	(3)			(7)		- diameter
		(4)			(8)		**************************************
			In consideration of the unoverto	eration of the sum of condensigned, the unders	one dollar (\$1.00) ar	nd other good and valuable conside assign, and hereby does assign, tra	rations paid to insfer and set
(9)	Insert Name of Assignee	(9)	BROTHER I	KOGYO KABUSHIK	I 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				g any and all and all Letters
(11)	Insert Identification	(11)	IMAGE FO	RMING APPARAT IS, AND STORAGE	rus, method ( medium	DF CONTROLLING IMAGE 1	ORMING
	of Invention such as Title, Case Number, or Foreig Application Number	n	(Attorney Doo	ket No.			
	· ipproducti (tallist				executed an applica	ation for patent in the United States of	of America
(12)	Insert Date of Signing of Application	(12)	È	2b. 3,			
(13)	Alternative Identification for	(13)	U.S. application	n Serial Number	14/620538		
	filed applications	Lagrae	filed	12 February 2		any application and any continuing	
applicati any appl Assigned claims o reexamir States re full right nerewith dentifica	applications for the in opplications for the interest and patents as the 2). The undersigned citation or continuation in every way possib 3). The undersigned reprovisions of the Interest and Intere	e Assignation e Assignation e Assignation or divide in object agreemation la agreemation la agreemation hereby blication terest	n, and any pate graces may deep (s) to execute a sision thereof, or braining evidence (s) to execute a nal Convention te (s) to perform the States paten y authorize(s) and herein assigned by grant(s) the	ent(s) issuing thereon, in necessary. It papers necessary in any patent or reissue is and going forward will papers and docume for Protection of Indust all affirmative acts whit to the Assignee, not request(s) the Com Assignee, as Assignee I, and that he has (they firm of Merchant &	and also to execut a connection with an application based the th such interference ents and perform an rial Property or similation may be necessarily missioner of Patents to of the entire interesty have) not executed a Gould P.C. the	we separate assignments in connect ny interference which may be declar nereon, for the invention, and to coop ny act which may be necessary in co	ion with such ed concerning erate with the onnection with by reissue or s of the United is (they have) ents in conflict
	In witness whereof,	execu	ted by the und	ersigned on the date(	s) opposite the un		
Date	Feb. 3	<u>, 2</u>	015	Name of Inventor	Hironori HIRATA	Hirata	_ (SEAL)
Date				Name of Inventor			_ (SEAL)
Date	· · · · · · · · · · · · · · · · · · ·		<u> </u>	Name of Inventor			_ (SEAL)
Date				Name of Inventor			_ (SEAL)
Date	•			Name of Inventor			_ (SEAL)
Data				Name of Inventor			

PATENT REEL: 034948 FRAME: 0585