#### 502602319 12/13/2013

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2648657

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date	
IWANE SANO	01/12/2011	
YASUHIRA OTA	01/12/2011	
SHOTA IIJIMA	01/12/2011	
NAOKAZU TANAHASHI	01/12/2011	
SHINGO ITO	01/12/2011	

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### PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14105928	

## CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 076376.2670

REEL: 031782 FRAME: 0634

**PATENT** 

502602319

NAME OF SUBMITTER:	TINA J. YANG (REG #: 68,838)
Signature:	/Tina J. Yang/
Date:	12/13/2013
Total Attachments: 1 source=Assignment_1851#page1.tif	

PATENT REEL: 031782 FRAME: 0635

# **ASSIGNMENT**

		(1)	Iwane SANO		(5)	Shingo ITO	
(1-8) Insert Name(s) of Inventor(s)		(2)	Yasuhira OTA		(6)		
		(3)	Shota IIJIMA			(7)	
		(4)	Naokazu TAI	NAHASHI	(8)		
			In consideration of the sum of one dollar (\$1,00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to				
(9)	Insert Name of Assignee	(9)	BROTHER	KOGYO KABUSH	HIKI KAISHA		
(10) Insert Address of Assignee		(10)	15-1 Naeshii	ro-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)	IMAGE RECO	DRDING APPARAT	us		i,
	of invention such as Title, Case						
	Number, or Foreign Application Numbe		(Attorney Dock	et No.	76376.18	51	)
	·		for which the un	dersigned has (have) e	executed an app	lication for patent in the United States of A	America
(12)	Insert Date of Signing of Application	(12)	on <u>Ja</u>	m./2,201	/		
(13)	Alternative	(13)	U.S. application	Serial Number	13/017,	505	
	Identification for filed applications		filed	January 31,	2011		
reissue a application any appl Assigned claims of reexamir States re- full right herewith.	applications for the incons and palents as the call of the undersigned ication or continuation in every way possible. The undersigned provisions of the Interest of a validation a grant of a validation of the undersigned is undersigned to convey the entire incompleted in the undersigned at the undersigned of the undersigned at the unde	e Assi agree or dive e in ob agree ematio agree d Unit hereb licatio heres	n, and any pater gnees may deem (s) to execute all rision thereof, or a staining evidence (s) to execute all nal Convention for s(s) to perform a ed States patent by authorize(s) and (s) to the said A herein assigned, by grant(s) the firm	nt(s) issuing thereon, necessary.  I papers necessary in any patent or reissue a and going forward will papers and document Protection of Industrial affirmative acts while the Assignee, drequest(s) the Community and that he has (they of BAKER BOTTS	connection with application base in such interferents and perform all Property or sinch may be necessioner of Pation the entire into have) not execut.	any act which may be necessary in cor	on with such of concerning rate with the innection with by reissue or of the United (they have) its in conflict identification
	In witness whereof,	execu	ted by the under	rsigned on the date(s	s) opposite the	undersigned name(s).	
Date	Jan. 12,	20	1	Name of Inventor	Iwane	Sano	(SEAL)
Date	fan. 12,	20	(1	Name of Inventor	Yosuhir	a Ota	(SEAL)
Date	Jan, 12,	201	·/	Name of Inventor	Shota	Sýrma	(SEAL)
Date	Jan. 12,	20	//	Name of Inventor	<u> haoka</u>	zn Janahash	(SEAL)
Date	San. 12,	20	//	Name of Inventor	Slig	o St	(SEAL)
Date	E			Name of Inventor			(SEAL)

PATENT REEL: 031782 FRAME: 0636

**RECORDED: 12/13/2013**