505303137 01/30/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5349916

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAKASHI FUJIWARA	01/22/2019
KAZUTOSHI NAKAMURA	01/23/2019

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PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	16261671		

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	GARY D. FEDOROCHKO
SIGNATURE:	/Gary D. Fedorochko/
DATE SIGNED:	01/30/2019

Total Attachments: 1

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PATENT 505303137 REEL: 048183 FRAME: 0156

2017-01183US00/57EL04

			ASSIGNMENT			
		(i)	Takashi FUNWARA (5)	** * * * * * * * HOURING HIGH HIGH ****************************		
(1-8)	insert Name(s)	(2)	Kazutoshi NAKAMURA (6)			
	of inventor(s)	(3)	<u>(7)</u>			
		(4)	(8)	JAAAA		
			in consideration of the sum of one dotter (\$1.00) and other good and valuable cach of the undersigned, the undersigned agree(s) to assign, and hereby does accept to	considerations paid to slign, transfer and set		
(8)	insert Name of Assignee	(9)	Brother Kogyo Kabushiki Kaisha			
(10) Insert Address		(10)	15-1 Naaahiro-cho, Mizuho-ku, Nagoya~shi, Aichi-kan 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 READING APPARATUS	***************************************		
	of Invention such as Title, Case			·		
Number, or Foreign Application Numbe			(Altorney Dockel No.	**************************************		
			for which the undersigned has (have) executed an application for patent in the United	States of America		
(12)	Insert Date of Signing of Application	(12)	on Jan. 22.2019, Jan, 23, 2019			
(13)	Alternative	(13)	U.S. application Serial Number			
	identification for filed applications		1)led	AND THE PROPERTY OF THE PROPER		
applical any app Assigne claims regram States full righ herewit Identific	applications for the Ir ions and patents as the 2). The undersigned dication or continuation 3). The undersigned 3). The undersigned or provisions of the interest of the undersigned ination a grant of a val. 5). The undersigned to convey the entire int.	ventile Ass agreer or di le in c agreer amatile agreer di duni here di her	ee(s) to execute all papers necessary in connection with any application and any or ion, and any petent(s) issuing thereon, and also to execute separate assignments in signees may deem necessary. ee(s) to execute all papers necessary in connection with any interference which may be invision thereof, or any patent or reissue application based thereon, for the invention, an obtaining evidence and going forward with such interference. ee(s) to execute all papers and documents and perform any act which may be necesional Convention for Protection of industrial Property or similar agreements. ee(s) to perform all affirmative acts which may be necessary to obtain, maintain or lited States patent to the Assignee. eby authorize(s) and request(s) the Commissioner of Patents to issue any and all Latte lon(s) to the said Assignee, as Assignee of the entire interest, and hereby covenants is therein assigned, and that he has (they have) not executed, and will not execute, any every grant(s) the firm of Banner & Witcoff, LTO the power to insert on this assary or desirable in order to comply with the rules of the United States Patent and	the declared concerning and to cooperate with the sery in connection with a contirm by reissue or the United that he has (they have) agreements in conflict assignment any further		
	in witness whereof,	exec	cuted by the undersigned on the date(s) opposite the undersigned name(s).			
Dat	· Jan.	22	. 2019 Name of Inventor Jakashi Fujiwara	(SEAL)		
Dat	o San,	<u>23.</u>	2019 Name of Inventor Jakasyn Trymoria 2019 Name of Inventor Amythogic Nakamura Kazutośni NAKAMURA	(SEAL)		
Dai			Name of Inventor	(SEAL)		
Dat	tea		Name of Inventor	(SEAL)		

PATENT REEL: 048183 FRAME: 0157

RECORDED: 01/30/2019