PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:	ASSIGNMENT			

CONVEYING PARTY DATA

Name	Execution Date		
YOSHINORI OSAKABE	09/24/2012		
HIROMI TANAKA	09/24/2012		

RECEIVING PARTY DATA

Name:	Brother Kogyo Kabushiki Kaisha				
Street Address:	15-1 Naeshiro-cho				
Internal Address:	Mizuho-ku				
City:	Nagoya-shi, Aichi-ken				
State/Country:	JAPAN				
Postal Code:	467-8561				

PROPERTY NUMBERS Total: 1

Property Type	Number				
Application Number:	14846283				

CORRESPONDENCE DATA

Fax Number: (202)508-9338

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (202)639-7700

Email: dcipdocket@bakerbotts.com

Correspondent Name: BAKER BOTTS, LLP

Address Line 1: 1299 PENNSYLVANIA AVENUE, NW

Address Line 2: THE WARNER

Address Line 4: WASHINGTON, D.C. 20004-2400

ATTORNEY DOCKET NUMBER:	076376.2737
NAME OF SUBMITTER:	CHAD M. CULLEN
SIGNATURE:	/Chad M. Cullen/
DATE SIGNED:	09/04/2015

Total Attachments: 1

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PATENT REEL: 036498 FRAME: 0315

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ASSIGNMENT

2012-00295 US/57NK10

		(1)	Yoshinor	i OSAK	ABE	(5)	maaaa			
(1-8) Insert	Insert	(2)	Hiromi	TANAKA		(6)				
Name(s) of inventor(s)		(3)				(7)			TEN Y EXEL	
		(4)				(8)	hAAA			***************************************
									and valuable considerable does	
(9)	Insert Name of Assignee	(9)	BROTH	BROTHER KOGYO KABUSHIKI KAISHA						
	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, titte and interest for the United States of as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including an provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and Patent, extensions, reissues and reexamination certificates that may be granted on the invention of the invention o							itates of America ding any and all), and all Letters
(11)	Insert Identification of Invention such as Title, Case	(11)	IMAGE I	READING	APPA	RATUS		····	72	OVERD THE RESERVE SHEET
	Number, or Foreign		/A.H			76376 24	0.7	······································		
	Application Numbe	r	` ,	(Attorney Docket No. 076376.2407 for which the undersigned has (have) executed an application for patent in the United States of America						
(12)	insert Date of Signing of	(12)			. 24,					
	Application	(144)	VII.	1		13/627,2			TOTAL AND MINISTER AND MARKET AND	200-1
(13)	Alternative Identification for filed applications	(13)	U.S. applicat			26, 2012				
application any applitude Assistants of the Assistant of the Assi	1) The undersigned applications for the inons and patents as the 2) The undersigned ideation or continuation gnee in every way post 3) The undersigned reprovisions of the late 4) The undersigned nation a grant of a validates resulting from sixely (all right to convert in conflict herewith 6) The undersigned that is nonflict herewith 6). The undersigned ay be necessary or dent.	vention e Assiration agree agree agree agree agree d Unit herel baid agree h. hereb	n, and any pa gnees may de (s) to execute vision thereof, n obtaining ev (s) to execute nal Convention e(s) to perform ed States pate by authorize(s) splication(s) to entire interes	lent(s) issuln, em necessar all papers ne or any paten idence and g all papers ar n for Protection in all affirmation ent to the Ass) and reques the said As: I herein assi	g thereon, y. cessary in t or reissu oing forwa nd docume on of Indus ve acts w ilgnee, t(s) the C signed, and	and also to exect connection with expelication based with such interests and perform strial Property or shich may be necession or an interest commissioner of F. Assignee of the final he has (the LLP the power the connection of the final herower the connection of the connection of the final herower the connection of t	any i any i ed the feren any a simila essar aten entir ay ha	nterference ereon, for the ce. sact which may agreement by to obtain, its to issue a einterest, a save) not exect on this as	ignments in connection may be declared invention, and to any be necessary in a second in a	ction with such ared concerning cooperate with connection with a by reissue or Patents of the text that he has at execute, any are Identification
	In witness whereof,			idersigned o	m the dat	e(s) opposite the	und	ersigned na	ıme(s).	
Date	Sep. 24,	20,	/2	Name (of Invento	, Yoskinor	<u>ú</u>	Ocakabe		(SEAL)
Date	Sep. 24	, 2	0(2	Name o	of Invento	r <u>Hiron</u>	u'	Tane	akor	(SEAL)
Date	6-000-1			Name o	of Invento	r				(SEAL)
Date	***************************************			Name o	of invento	r		iha##in/anananananananananananananananananana		(SEAL)
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Date	•••••	*********		Name o	of invento	r	******	************		(SEAL)

PATENT REEL: 036498 FRAME: 0316

Name of Inventor _____ (SEAL)

RECORDED: 09/04/2015