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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Katsuro Miura	06/26/2013
Yasuo Nishikawa	06/26/2013
Takuya Naniwa	06/26/2013

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	13934416		

CORRESPONDENCE DATA

Fax Number: 2028243001

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 202-824-3000

Email: bwptopat@bannerwitcoff.com, nbutler@bannerwitcoff.com

Correspondent Name: BANNER & WITCOFF, LTD. ATTORNEYS FOR CLI

Address Line 1: 1100 13th STREET, N.W.

Address Line 2: SUITE 1200

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005-4051

ATTORNEY DOCKET NUMBER:	006796.00042
NAME OF SUBMITTER:	Gary D. Fedorochko
Signature:	/Gary D. Fedorochko/
Date:	07/03/2013

Total Attachments: 1

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PATENT REEL: 030736 FRAME: 0433 CH \$40.00 158544

ASSIGNMENT

		(1)	Katsuro	MIURA		(5)		
(1-8)	Insert	(2)	Yasuo Ni	ISHIKAWA		(6)		
	Name(s) of Inventor(s)	(3)	Takuya N	NANIWA		(7)		
	•	(4)				(8)		
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(9)	Insert Name of Assignee	(9)	BROTHE	R KOGYO KAE	BUSHIKI	KAISHA		
(10)	insert Address of Assignee	(10)) 15-1 Naeshiro-cho, Mizuho-ku, Nagoya—shi, Aichi—ken 467-8561, Japan					61, Japan
(11)	Insert Identification	(11)	as defined provisional, Patent, exte	in 35 U.S.C. §10 non-provisional,	00, in the divisional, and reexal	invention, and in continuation, subs	all applications for patitute, and reissue a	the United States of America patent including any and al application(s), and all Letters d on the invention known as
	of Invention such as Title, Case Number, or Foreigi	· · · · · · · · · · · · · · · · · · ·	/Att					
	Application Number	er	(Attorney D			vocuted on applicat	ion for natont in the L	United States of America
(12)	Insert Date of Signing of Application	(12)		Jun-26, 2		есиней ап аррпсан	ion for patent in the C	mileu States of Affierda
(13)	Alternative	(13)	U.S. applica	ation Serial Numb	er <u>13</u>	3/934,416		
	Identification for filed applications		filed	July 3, 2013				
application any application Assigned claims of reexamir States refull right in nerewith. which madocumer	applications for the ir ons and patents as th 2) The undersigned ication or continuation is in every way possibl 3) The undersigned reprovisions of the Inte 4) The undersigned nation a grant of a validation agrant of a validation from said application of the undersigned in the undersigned application of the undersigned application of the undersigned application of the undersigned applications of the undersigned	nventione Assignation or divide in observation agreed Unite hereby lication terest	n, and any p gnees may de (s) to execute lision thereof, taining evider (s) to execute all Convention (s) to perforred d States pate y authorize(s) n(s) to the sai herein assign y grant(s) the e in order to d	patent(s) issuing to eem necessary. e all papers neces or any patent or necessary. e all papers and on for Protection of m all affirmative ent to the Assigne of and request(s) the id Assignee, as A ned, and that he is firm of Banner & comply with the re-	thereon, a dessary in creissue apward with document of industrial acts which acts which acts which assigned they in the Committee of the without the committee of the without the committee of th	nd also to execute connection with any oplication based the such interference, is and perform any it Property or similar in may be necessaries in the entire interest nave) not executed LTD the power to its United States Pate 19 points of the entire interest nave) and executed LTD the power to its United States Pate 20 points of the executed the entire interest navel in the entire interest n	e separate assignme y interference which a greon, for the invention y act which may be rear agreements. any to obtain, mainta to issue any and all t, and hereby covena and will not execute insert on this assignment and Trademark of	any continuing, divisional or ents in connection with such may be declared concerning on, and to cooperate with the necessary in connection with ain or confirm by reissue or Letters Patents of the United ants that he has (they have) a, any agreements in conflict ment any further identification Office for recordation of this
I	In witness whereof,							
Date	Jun. 26	,z	<i>.</i> 0/3	Name of In	ventor _	Katsuro Katsuro MIURA	Miura	(SEAL)

Date Jun. 26, 26/3 Name of Inventor Making Mishikawa (SEAL)

Date Jun. 26. 20/3 Name of Inventor Jakuya Maniwa (SEAL)

Date Name of Inventor (SEAL)

Date Name of Inventor (SEAL)

Name of Inventor _____ (SEAL

Date