502743178 03/28/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YASUSHI OKABE	01/20/2014

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:	14039649		

CORRESPONDENCE DATA

Fax Number: (202)824-3001

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

US Mail.

Phone: (202) 824-3000

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

Correspondent Name: BANNER & WITCOFF, LTD.

Address Line 1: 1100 13TH ST. NW

Address Line 2: STE 1200

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005

ATTORNEY DOCKET NUMBER:	006777.00593
NAME OF SUBMITTER:	CHUNHSI ANDY MU
SIGNATURE:	/Chunhsi Andy Mu/
DATE SIGNED:	03/28/2014

Total Attachments: 1

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PATENT 502743178 REEL: 032547 FRAME: 0655

2012-03219US/57EG1E

			ASSIGNMENT	
		(1)	Yasushi OKABE (5)	
(1-8) Insert Name(s) of Inventor(s)	Insert	(2)	(6)	
		(3)	(7)	
		(4)	(8)	
		• • •	In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfe over to	ns paid to
(9)	Insert Name of Assignee	(9)	BROTHER KOGYO KABUSHIKI KAISHA	
(10) Insert	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 as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including as provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and Patent, extensions, reissues and reexamination certificates that may be granted on the invention in	ny and all all Letters
(11)	Insert Identification	(11)	DEVELOPER CONTAINER	
	of Invention such as Title, Case	,		
Number, or F	Number, or Foreign Application Number		(Attorney Docket No.	
			for which fine undersigned has (have) executed an application for patent in the United States of A	merica
(12)	Insert Date of Signing of Application	(12)	on Jan. 20, 2014	
(13)	Alternative	(13)	U.S. application Serial Number	· ·
	Identification for		September 27, 2013	
	filed applications filed			
applica any app Assigna claims reexam States full righ herewii	applications for the incomplete and patents as to the undersigned for provisions of the incomplete in every way possions. The undersigned in every way possions of the incomplete in every way and of a various and a various way and incomplete in the convey the entire in the undersigned in the unders	inventi he Ass d agre on or d ble in d ed agre aternati ed agre alid Un ed here pplicati interes hed he	se(s) to execute all papers necessary in connection with any application and any continuing, don, and any patent(s) issuing thereon, and also to execute separate assignments in connection signees may deem necessary. Leve(s) to execute all papers necessary in connection with any interference which may be declared hision thereof, or any patent or reissue application based thereon, for the invention, and to cooperablaining evidence and going forward with such interference. Leve(s) to execute all papers and documents and perform any act which may be necessary in control convention for Protection of Industrial Property or similar agreements. Leve(s) to perform all affirmative acts which may be necessary to obtain, maintain or confirm by littled States patent to the Assignee. Leve and the patent of the Assignee of the entire interest, and hereby covernants that he has st herein assigned, and that he has (they have) not executed, and will not execute, any agreement or perform any activities of the United States Patent and Trademark cutted by the undersigned on the date(s) opposite the undersigned name(s).	concerning ate with the nection with reissue or fithe United (they have is in confliction)
			Id was to double	
Da	te Jan 2	0,	2014 Name of Inventor Vasushi OKABE	(SEAL)
Da	te		Name of Inventor	(SEAL)
Da	ite		Name of Inventor	(SEAL)

PATENT REEL: 032547 FRAME: 0656