## PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Naoki Nishikawa	07/23/2013

### **RECEIVING PARTY DATA**

Name:	Brother Kogyo Kabushiki Kaisha	
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State/Country:	JAPAN	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	13951821

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	006777.00562
NAME OF SUBMITTER:	C. Andy Mu
Signature:	/Chunhsi Andy Mu/
Date:	07/26/2013

Total Attachments: 1

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2012-03494US/57UL1H

			ASSIGNMENT		
		(1)	Naoki NISHIKAWA (5)		
(1-8)	(1-8) Insert Name(s) of Inventor(s)	(2)	(6)		
		(3)	(7)		
		(4)	(8)		
			In consideration of the sum of one dollar (\$1.00) and other good and valuab each of the undersigned, the undersigned agree(s) to assign, and hereby does over to	e considerations paid to assign, transfer and set	
(9)	Insert Name of Assignee	(9)	BROTHER KOGYO KABUSHIKI KAISHA		
(10)			15-1 Naeshiro-cho, Mizuho-ku, Negoya—shi, Alchi—ken 467-8561, Japan		
	·		(hereinafter designated as the Assignee) the entire right, title and interest for the tas defined in 35 U.S.C. §100, in the invention, and in all applications for pate provisional, non-provisional, divisional, continuation, substitute, and reissue applications, reissues and reexamination certificates that may be granted or	ent including any and all	
(11)	insert identification	(11)	COMMUNICATION DEVICE		
of Invention such as Title, Cas Number, or Foreig	of Invention		,		
	Number, or Foreign Application Numbe		(Altomey Dockel No.	)	
			for which the undersigned has (have) executed an application for patent in the Unit		
(12)	Insert Date of Signing of Application	(12)	un Juli 23, 2013		
(13) Alternative			U.S. application Serial Number 13/951, 821		
	identification for filed applications		fled July 26, 2013		
application and application applications of the claims of	applications for the in lone and palents as the 2) The undersigned flication or continuation in every way possible 3) The undersigned for provisions of the Inte 4) The undersigned for a grant of a valle 5) The undersigned for convey the entire In to convey the entire In to convey the entire In to on this document.	vention  Assignation  Assignation  Agree  Unite  hereby  ication  terest i  herel  herel  cesses	(s) to execute all papers necessary in connection with any application and any name and any patent(s) issuing thereon, and also to execute separate assignments mees may deem necessary.  (s) to execute all papers necessary in connection with any interference which may sion thereof, or any patent or reissue application based thereon, for the invention, a faining evidence and going forward with such interference.  (s) to execute all papers and documents and perform any act which may be necessar convention for Protection of Industrial Property or similar agreements.  (s) to perform all affirmative acts which may be necessary to obtain, maintain or a state patent to the Assignee.  If authorize(s) and request(s) the Commissioner of Patents to issue any and all Lette (s) to the said Assignee, as Assignee of the entire interest, and hereby covenants therein assigned, and that he has (they have) not executed, and will not execute, and by grant(s) the firm of Banner & Witcoff, LTD the power to insert on this any or desirable in order to comply with the rules of the United States Patent and	in connection with such by be declared concerning and to cooperate with the essary in connection with or confirm by reissue or ers Patents of the United that he has (they have) by agreements in conflict	
	in witness whereof, a	execul	ed by the undersigned on the date(s) opposite the undersigned name(s).		
Date	Jul. 2	3,	Naoki NISHIKAWA	(SEAL)	
Date	·		Name of Inventor	(SEAL)	
Date	·		Name of Inventor	(SEAL)	
Date			Name of Inventor	(SEAL)	

PATENT REEL: 030884 FRAME: 0213

**RECORDED: 07/26/2013**