### 501803623 01/31/2012

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Katsuhiro AMANO	01/30/2012

### **RECEIVING PARTY DATA**

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### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13362058

#### **CORRESPONDENCE DATA**

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NAME OF SUBMITTER:	Chunhsi Andy Mu	

Total Attachments: 1

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PATENT REEL: 027622 FRAME: 0717

# **ASSIGNMENT**

		(1)	Katsuhiro AMANO	(6)			
(1-8) insert Name(s) of inventor(s)	(2)		(6)	·			
	(3)		(7)				
	· ·	(4)					
				m of one dollar (\$1.00) and oth	ner good and valuable considerations pn, and hereby does assign, transfer a	paid to	
(9)	Insert Name of Assignee	(9)	BROTHER KOGYO KABU	ISHIKI KAISHA			
(10) 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 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)	COMMUNICATION DEVI	CE, COMMUNICATION ME	THOD, AND COMPUTER		
	of invention such as Title, Case	<b>.</b>	READABLE RECORDING	MEDIUM			
	Number, or Foreig Application Number	n	(Attorney Docket No.				
			for which the undersigned has	(have) executed an application	for patent in the United States of Amer	ica	
(12)	Insert Date of Signing of Application	(12)	on Jan, 30,	, 2012			
(13) Alternative			U.S. application Serial Number	13/362,05	8		
	identification for filed applications		filed	January 31, 2012			
applicat any app Assigne claims of reexami States r full right herewith	applications for the licens and patents as the 2). The undersigned illeation or continuatione in every way possible 3). The undersigned at the undersigned at the undersigned esuiting from said applications of a various from said applications.	nventione Assal agreed in or direct of agreed in or direct or direct of agreed in or direct of agreed in or direct or direct or direct of agreed in or direct o	on, and any patent(s) issuing the ignees may deem necessary.  e(s) to execute all papers neces  vision thereof, or any patent or re- btaining evidence and going forvers) to execute all papers and do  onal Convention for Protection of  e(s) to perform all affirmative a  ted States patent to the Assignee  oy authorize(s) and request(s) the  on(s) to the said Assignee, as Ast  therein assigned, and that he have  eby grant(s) the firm of Bann	sereon, and also to execute se sary in connection with any in- elssue application based thereo- vard with such interference. locuments and perform any ac- lindustrial Property or similar a- licts which may be necessary e. e Commissioner of Patents to it essignee of the entire interest, a as (they have) not executed, ar er & Witcoff, LTD the power	application and any continuing, division parate assignments in connection with the efference which may be declared continuing, for the invention, and to cooperate with which may be necessary in connecting the effect of the invention of the invention, maintain or confirm by reissue any and all Letters Patents of the not hereby covenants that he has (they are to insert on this assignment any ted States Patent and Trademark Office.)	h such cerning with the on with ssue or United / have) conflict further	
•	in witness whereof	exec	uted by the undersigned on th	e date(s) opposite the under	signed name(s).	•	
Date	Jan, 30,	20	Name of In	ventor <u>KATSUHIRO</u>	AMANO (SE	AL)	
Date			Name of In	ventor	(SE	AL)	
Date			Name of In	ventor	(SE.	AL)	
Date	·		Name of in	ventor	(SE	AL)	
Date			Name of In	ventor	(SE	AL)	
Det			Name of la		, (OF	ALX	

PATENT REEL: 027622 FRAME: 0718

**RECORDED: 01/31/2012**