PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPI	E:	NEW ASS	IGNMENT		
NATURE OF CONV	/EYANCE:	ASSIGNM	ASSIGNMENT		
CONVEYING PART	TY DATA				
		Name		Execution Date	
Yasuharu ONISHI				08/23/2013	
Jun KURODA				08/23/2013	
Motoyoshi KOMODA				08/23/2013	
Yuichiro KISHINAN	ЛІ			08/23/2013	
Shigeo SATOU				08/23/2013	
Yukio MURATA				08/23/2013	
Nobuhiro KAWASH	HIMA			08/23/2013	
Tatsuya UCHIKAWA			08/23/2013		
Street Address:	1753, Shimo	1753, Shimonumabe, Nakahara-ku			
Name:	NEC CASIO	NEC CASIO MOBILE COMMUNICATIONS, LTD.			
City:		Kawasaki-shi, Kanagawa			
State/Country:					
Postal Code:	211-8666	211-8666			
PROPERTY NUMB	ERS Total: 1				
Property Type			Number		
Application Numbe	er:	14008383			
CORRESPONDEN	CE DATA				
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Address Line 1: Address Line 4:		ennsylvania Avenue gton, DISTRICT OF	COLUMBIA 20037		
		Q206925			
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REEL: 031306 FRAME: 0742

NAME OF SUBMITTER:	Darryl Hunter, New Apps Specialist	
Signature:	/Darryl Hunter/	
Date:	09/27/2013	
Total Attachments: 2 source=Q206925Assignmentasfiled#page1.tif source=Q206925Assignmentasfiled#page2.tif		

Assignment

Whereas, I/We, <u>Yasuharu ONISHI</u>, Jun KURODA, Motoyoshi KOMODA, Yuichiro <u>KISHINAMI</u>, Shigeo SATOU, Yukio MURATA, Nobuhiro KAWASHIMA, and Tatsuya <u>UCHIKAWA</u> all of <u>Kanagawa</u>, Japan hereinafter called assignor(s), have invented certain improvements in

OSCILLATOR AND ELECTRONIC DEVICE

and executed an application for Letters Patent of the United States of America therefor on _____; and

Whereas,

NEC CASIO MOBILE COMMUNICATIONS, LTD. 1753, Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8666 Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number <u>14/008,383</u> and Confirmation number <u>1008</u>, filed <u>September 27, 2013</u>) the application number and filing date of said application when known.

Date:	August 23, 2013	Yacuharu	Onichi
	s/	Yasuharu ONISH	I ,
Date:	August 23, 2013	In g	turoda
	s/	Jun KURODA	
Date:	August 23, 2013	motornot	n' Komoda
	s/	Motoyoshi KOMO	DDA
Date:	August 23, 2013	Mudio	Hispinan
	s/	Yuichiro KISHIN	AMI
Date:	August 23, 2013	Shigh	2 Saton
	s/	Shigeo SATOU	
Date:	August 23, 2013	Julio 1	murata
	s/	Yukio MURATA	

PATENT REEL: 031306 FRAME: 0744

Date: AUgust 23, 2013	nobuhiro Kawashina	
s/ N	Jobuhiro KAWASHIMA	
Date: August 23, 2013	Tatsenge Uchikanor	
s/ 5	Fatsuya UCHIK AWA	
Witness(es):		
Date: August 23, 2013	Joshimi Materio	

Date:	s/ August 23, 2013	Atiramité
	s/	

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)