

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yasuharu ONISHI</td> <td>11/16/2012</td> </tr> <tr> <td>Jun KURODA</td> <td>11/16/2012</td> </tr> <tr> <td>Yukio MURATA</td> <td>11/16/2012</td> </tr> <tr> <td>Motoyoshi KOMODA</td> <td>11/16/2012</td> </tr> <tr> <td>Nobuhiro KAWASHIMA</td> <td>11/16/2012</td> </tr> <tr> <td>Yuichiro KISHINAMI</td> <td>11/16/2012</td> </tr> <tr> <td>Shigeo SATOU</td> <td>11/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Yasuharu ONISHI	11/16/2012	Jun KURODA	11/16/2012	Yukio MURATA	11/16/2012	Motoyoshi KOMODA	11/16/2012	Nobuhiro KAWASHIMA	11/16/2012	Yuichiro KISHINAMI	11/16/2012	Shigeo SATOU	11/16/2012
Name	Execution Date																
Yasuharu ONISHI	11/16/2012																
Jun KURODA	11/16/2012																
Yukio MURATA	11/16/2012																
Motoyoshi KOMODA	11/16/2012																
Nobuhiro KAWASHIMA	11/16/2012																
Yuichiro KISHINAMI	11/16/2012																
Shigeo SATOU	11/16/2012																
RECEIVING PARTY DATA																	
<table border="1"> <tr> <td>Name:</td> <td>NEC CASIO MOBILE COMMUNICATIONS, LTD.</td> </tr> <tr> <td>Street Address:</td> <td>1753, Shimonumabe, Nakahara-ku, Kawasaki-shi</td> </tr> <tr> <td>City:</td> <td>Kanagawa</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>211-8666</td> </tr> </table>		Name:	NEC CASIO MOBILE COMMUNICATIONS, LTD.	Street Address:	1753, Shimonumabe, Nakahara-ku, Kawasaki-shi	City:	Kanagawa	State/Country:	JAPAN	Postal Code:	211-8666						
Name:	NEC CASIO MOBILE COMMUNICATIONS, LTD.																
Street Address:	1753, Shimonumabe, Nakahara-ku, Kawasaki-shi																
City:	Kanagawa																
State/Country:	JAPAN																
Postal Code:	211-8666																
PROPERTY NUMBERS Total: 1																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13703095</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13703095												
Property Type	Number																
Application Number:	13703095																
CORRESPONDENCE DATA																	
<p>Fax Number: 2022937860 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-293-7060 Email: bmurray@sughrue.com, sughrue@sughrue.com Correspondent Name: SUGHRUE MION, PLLC Address Line 1: 2100 PENNSYLVANIA AVENUE, N.W. Address Line 2: SUITE 800 Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20037</p>																	
ATTORNEY DOCKET NUMBER:	Q143904																

OP \$40.00 13703095

NAME OF SUBMITTER:

Brian T. Murray, New App. Specialist

Total Attachments: 2

source=ASSIGNMENT_AS_FILED#page1.tif

source=ASSIGNMENT_AS_FILED#page2.tif

Assignment

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

OSCILLATION DEVICE AND ELECTRONIC APPARATUS

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 13/703,095 and Confirmation number 6085, filed December 10, 2012) the application number and filing date of said application when known.

Date: November 16, 2012

Yasuharu Onishi
s/ Yasuharu ONISHI



Date: November 16, 2012

Jun Kuroda
s/ Jun KURODA



Date: November 16, 2012

Yukio Murata
s/ Yukio MURATA



Date: November 16, 2012

Motoyoshi Komoda
s/ Motoyoshi KOMODA



Date: November 16, 2012

Nobuhiro Kawashima
s/ Nobuhiro KAWASHIMA



Date: November 16, 2012

Yuichiro Kishinami
s/ Yuichiro KISHINAMI



PATENT

REEL: 029437 FRAME: 0271

Date: November 16, 2012

Shigeo Satou



s/ Shigeo SATOU

Witness(es):

Date: November 16, 2012

Akin Watanabe

s/

Date: November 16, 2012

Akin Watanabe

s/

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