## PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

| Name             | Execution Date |
|------------------|----------------|
| Akihiko SUGIYAMA | 03/10/2011     |

## **RECEIVING PARTY DATA**

| Name:           | NEC CORPORATION    |  |  |  |  |
|-----------------|--------------------|--|--|--|--|
| Street Address: | 7-1, Shiba 5-chome |  |  |  |  |
| City:           | Minato-ku, Tokyo   |  |  |  |  |
| State/Country:  | JAPAN              |  |  |  |  |
| Postal Code:    | 108-8001           |  |  |  |  |

## PROPERTY NUMBERS Total: 1

| Property Type       | Number   |  |  |
|---------------------|----------|--|--|
| Application Number: | 13120777 |  |  |

#### **CORRESPONDENCE DATA**

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NAME OF SUBMITTER: Sharmeisa Wells, New Application Spec.

Total Attachments: 1

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OP \$40.00 13120

PATENT REEL: 026021 FRAME: 0685

# Assignment

Whereas, I/We, Akihiko SUGIYAMA of Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in

SIGNAL PROCESSING METHOD, SIGNAL PROCESSING DEVICE, AND SIGNAL PROCESSING PROGRAM

and executed an application for Letters Patent of the United States of America therefor on March 10, 2011; and

Whereas, NEC Corporation of 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 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 13/120,777 and Confirmation number                           |       |     |                      |   |          |                              |   |                   |  |
| 3. 3.4   | 3010  |     |                      | , filed March 24, 2011  |          |                              |   | ) the application |  |
| number and filing date of said application when known.                           |       |     |                      |   |          |                              |   |                   |  |
| Date:  | March | 10, | 2011                 |   |          |                              |   |                   |  |
| Witne  | 2881  |     | به نبین <sub>ت</sub> | manufacture de la company   | Aki      | niko SUGAYA                  | N'A-                                    |                   |  |
| Date:  | March | 10, | 2811                 | <del></del>   | And      | A/L                          | · ·                                     |                   |  |
| Masato KIMURA  |       |     |                      |   |          |                              |   |                   |  |
| Date:  | March | 10, | 2011                 |   | <i>4</i> | $\sum_{i} \lambda_{i} x_{i}$ |   |                   |  |
|  |       |     |                      | Jacob Control of the | Åkira    | MUTO                         | *************************************** |                   |  |

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

PATENT REEL: 026021 FRAME: 0686

RECORDED: 03/25/2011