501928025 05/21/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| Kosuke YAMAMOTO | 04/23/2012 |

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13510831 |

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

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Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20037

| ATTORNEY DOCKET NUMBER: | Q130672 |
|-------------------------|--------------------------------|
| NAME OF SUBMITTER: | Byron F. Galvez, New Apps Spec |

Total Attachments: 1

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PATENT REEL: 028243 FRAME: 0214 OP \$40.00 13510831

Assignment

| Whereas, I, of Kosuke YAMAMOTO | | | |
|---|---|--|--|
| | /e invented certain improvements in | | |
| INFORMATION PROCESSING DEVICE and executed an application for Letters Patent of the United States of America therefor on ; and | | | |
| Whereas, | NEC Corporation | | |
| | a Corporation of Japan, | | |
| | having a place of business at | | |
| | 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001, Japan | | |
| (assignee), desires to ac invention, and to any United St | equire the entire right, title, and interest in the application and tates patents to be obtained therefor; | | |
| Now therefore, for valu | able consideration, receipt whereof is hereby acknowledged, | | |
| disclosed therein for the United thereof, and all Letters Patent of thereof, including the right to of the U.S. Patent and Trademark forth in the application to the afurther consideration all papers States application when called | _ | | |
| Pennsylvania Avenue, NW, Wa (Application number 13/510 | equest our attorneys SUGHRUE MION, PLLC of 2100 ashington, DC 20037-3213 to insert here in parentheses 3,831 and Confirmation number filed May 18, 2012) the application | | |
| number and filing date of said a | | | |
| April 23, 2012 Date: s/ Kosuk | Kosuke Yamamoto | | |
| D. (| | | |
| Date: | | | |
| Date: | | | |
| s/ | | | |
| Date: | | | |
| s/ | | | |

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

PATENT REEL: 028243 FRAME: 0215