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TRADE TO TR

RECORDATION FORM COVER SHEET PATENTS ONLY	
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.	
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
1. Toshinori ARAKI	Name: NEC Corporation
2. Isamu TERANISHI	
3. Jun FURUKAWA	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes N	
3. Nature of conveyance/Execution Date(s):	Street Address: 7-1, Shiba 5-chome, Minato-ku
Execution Date(s) December 18, 2013	
Assignment Merger	
Security Agreement Change of Name	City: Tokyo
Joint Research Agreement	State:
Government Interest Assignment	
Executive Order 9424, Confirmatory License	Country: JAPAN Zip: 108-8001
Other	Additional name(s) & address(es) attached? Yes No
4. Application or patent number(s):	document serves as an Oath/Declaration (37 CFR 1.63).
A. Patent Application No.(s)	B. Patent No.(s)
14/131,404 Additional numbers at	ached? Yes No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents
	involved: 1
Name: Sean M. McGinn, Esq.	
Name: Sean M. McGinn, Esq. Internal Address: McGinn Intellectual Property Law Group, PLLC	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
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Internal Address: McGinn Intellectual Property Law Group, PLLC	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Authorized to be charged to deposit account
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Internal Address: McGinn Intellectual Property Law Group, PLLC Street Address: 8321 Old Courthouse Road, Suite 200	7. Total fee (37 CFR 1.21(h) & 3.41) \$\frac{40.00}{}\$ Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)
Internal Address: McGinn Intellectual Property Law Group, PLLC Street Address: 8321 Old Courthouse Road, Suite 200 City: Vienna	7. Total fee (37 CFR 1.21(h) & 3.41) \$\frac{40.00}{}\$ Authorized to be charged to deposit account Enclosed
Internal Address: McGinn Intellectual Property Law Group, PLLC Street Address: 8321 Old Courthouse Road, Suite 200 City: Vienna State: Virginia Zip: 22182-3817	7. Total fee (37 CFR 1.21(h) & 3.41) \$\frac{40.00}{}\$ Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)
Internal Address: McGinn Intellectual Property Law Group, PLLC Street Address: 8321 Old Courthouse Road, Suite 200 City: Vienna State: Virginia Zip: 22182-3817 Phone Number: (703) 761-4100	7. Total fee (37 CFR 1.21(h) & 3.41) \$\frac{40.00}{}\$ Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)
Internal Address: McGinn Intellectual Property Law Group, PLLC Street Address: 8321 Old Courthouse Road, Suite 200 City: Vienna State: Virginia Zip: 22182-3817 Phone Number: (703) 761-4100 Docket Number: NG-0033PCT-US	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information
Internal Address: McGinn Intellectual Property Law Group, PLLC Street Address: 8321 Old Courthouse Road, Suite 200 City: Vienna State: Virginia Zip: 22182-3817 Phone Number: (703) 761-4100 Docket Number: NG-0033PCT-US Email Address: ADMIN @ MCGINNIPLAW.COM	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information Deposit Account Number 50-0481(deficiencies only) Authorized User Name Sean M. McGinn. 01/14/2014 KNGUTENI 93393842 14131464
Internal Address: McGinn Intellectual Property Law Group, PLLC Street Address: 8321 Old Courthouse Road, Suite 200 City: Vienna State: Virginia Zip: 22182-3817 Phone Number: (703) 761-4100 Docket Number: NG-0033PCT-US Email Address: ADMIN @ MCGINNIPLAW.COM D. Signature:	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information Deposit Account Number 50-0481(deficiencies only) Authorized User Name Sean M. McGinn 01/14/2014 KNOUTERI 00200342 14131464
Internal Address: McGinn Intellectual Property Law Group, PLLC Street Address: 8321 Old Courthouse Road, Suite 200 City: Vienna State: Virginia Zip: 22182-3817 Phone Number: (703) 761-4100 Docket Number: NG-0033PCT-US Email Address: ADMIN @ MCGINNIPLAW.COM D. Signature: Signature Sean M. McGinn, Esq.	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information Deposit Account Number 50-0481(deficiencies only) Authorized User Name Sean M. McGinn, 01/14/2014 KNGUTENI 89388842 14131404 01 FC:8021 January 9, 2014 Date Total number of pages including cover
Internal Address: McGinn Intellectual Property Law Group, PLLC Street Address: 8321 Old Courthouse Road, Suite 200 City: Vienna State: Virginia Zip: 22182-3817 Phone Number: (703) 761-4100 Docket Number: NG-0033PCT-US Email Address: ADMIN @ MCGINNIPLAW.COM 9. Signature:	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information Deposit Account Number 50-0481(deficiencies only) Authorized User Name Sean M. McGinn 01/14/2014 KNGUTEN1 033939342 14131404 01 FC:8021January 9, 2014 Date Total number of pages including cover sheet, attachments, and documents:

PATENT REEL: 032093 FRAME: 0582

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS

NAME AND ADDRESS

Toshinori ARAKI, Isamu TERANISHI and Jun FURUKAWA of Tokyo, Japan, respectively

(HEREINAFTER REFERRED TO AS ASSIGNOR), have invented and own a certain new and useful invention entitled:

TITLE OF INVENTION:

INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING METHOD, AND PROGRAM

WHEREAS

FULL NAME AND ADDRESS OF ASSIGNEE NEC CORPORATION of 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001, Japan

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title, and interest in, to and under said invention and the United States Letters Patent to be obtained therefor:

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR, by these presents, hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States Patent obtained therefor on said application or any

(Assignment of Application for Patent -- page 1 of 2)

PATENT REEL: 032093 FRAME: 0583 continuation, division, renewal, substitute or reissue thereof for the full term or terms to said ASSIGNEE, of the entire right, title, and interest in and to the same, for his sole use and behoof, and for the use and behoof of his legal representatives, to the full end of the term or terms for which said Letters Patent obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for may be granted, as full and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

DATE OF SIGNING

IN WITNESS WHEREOF, I/We have hereunto set

hand and seal this 18thday of December 2013.

SIGNATURE

By: Joshman

SIGNATURE

y: Loany Loranshi.

SIGNATURE

By: Jun Fumbawa

WITNESSES

nita Kavalyta

(Assignment of Application for Patent -- page 2 of 2)

PATENT REEL: 032093 FRAME: 0584

RECORDED: 01/09/2014