



04/03/2012



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103642883

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)**

Masaru MAKINO

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**

Name: NEC Corporation

Internal Address: \_\_\_\_\_

Street Address: 7-1, Shiba 5-chome, Minato-ku

City: Tokyo

State: \_\_\_\_\_

Country: Japan

Zip: \_\_\_\_\_

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) November 22, 2011

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

13/434,683

B. Patent No.(s)

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Sean M. McGinn, Esq.

Internal Address: 34,386

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

Fax Number: (703) 761-2375 or 76

Email Address: ADMIN@MCGINNIPLAW.COM

**6. Total number of applications and patents involved:**

1

**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

**9. Signature:**

Signature

Sean M. McGinn, Esq.

Name of Person Signing

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Date 40 00 00

Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

# ASSIGNMENT OF APPLICATION FOR PATENT

## WHEREAS

NAME AND ADDRESS  
OF ASSIGNORS

Masaru MAKINO of Tokyo, Japan

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

TITLE OF INVENTION:

LIBRARY DEVICE

## WHEREAS

FULL NAME AND ADDRESS  
OF ASSIGNEES

NEC Corporation  
7-1, Shiba 5-chome, Minato-ku, Tokyo, 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)

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 22 day of November, 2011

SIGNATURE

By: Masaru Makino (牧野)  
Masaru MAKINO

SIGNATURE

By: \_\_\_\_\_

WITNESSES

Yoshihiko Yasue

[Signature]

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