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1 documents or the new address(es) below

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To the Director of the United States Patent and Tr.

1. Name of conveying party(ies):

Tomokazu TOKORO

Additional names(s) of conveying party(ies)  Yes  No

i. Nature of conveyance/Execution Date(s):

Execution Date(s): March 10, 2008

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

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

Name: NEC CORPORATION

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

City: Tokyo

State/Prov.: \_\_\_\_\_

Country: JAPAN

ZIP: \_\_\_\_\_

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

ii. Application or patent numbers(s):

A. Patent Application No. (s)

This document is being filed together with a new application

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Sean M. McGinn, Esq.

Registration No.: 34,386

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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 by credit card
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Authorized User Name McGinn

9. Signature:

*Frederick Caspide # 36,769*  
Signature

March 26, 2008  
Date

for Sean M. McGinn, Esq.  
Name of Person Signing

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

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U.S. PTO  
12/078019  
03/26/2008

**ASSIGNMENT OF APPLICATION FOR PATENT**

*WHEREAS* TOMOKAZU TOKORO  
c/o NEC Corporation  
7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

NAME AND ADDRESS  
OF ASSIGNOR

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

TITLE OF INVENTION:

**SUBSTRATE INCLUDING WIRING FOR TRANSMITTING SIGNAL,  
APPARATUS AND SYSTEM INCLUDING THE SUBSTRATE**

FULL NAME AND ADDRESS  
OF ASSIGNEE

*WHEREAS* : 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

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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 10th day of March, 2008.

SIGNATURE

By: Tomokazu Tokoro  
TOMOKAZU TOKORO

SIGNATURE

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

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

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

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

SIGNATURE

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

WITNESSES

Noboru Shoji  
[Signature]

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