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To the Director of the United States Patent and Trademark Office

102822776

attached original documents or copy thereof.

1. Name of conveying party(ies):
Kazuhiro ISHIDA

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

Name: **NEC Corporation**
Address: **7-1, Shiba 5-chome,
Minato-ku,**

22141 U.S. PTO
10/921830



08-26-04

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

City: **Tokyo** State/Prov.:
Country: **Japan** ZIP:

Execution Date: **August 17, 2004**

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

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

If this document is being filed together with a new application, the execution date of the application is: **August 17, 2004**

Patent Application No. Filing date B. Patent No.(s)

Additional numbers Yes No

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

Name: **Sean M. McGinn, Esq.**

Registration No. **34,386**

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8321 Old Courthouse Road

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City: **Vienna** State/Prov.: **VA**

Country: **USA** ZIP: **22182-3817**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Sean M. McGinn, Esq.

Name of Person Signing

Signature

August 20, 2004



Date

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PATENT OR DESIGN: SOLE OR JOINT
(U.S. and Foreign Rights)

**ASSIGNMENT OF UNFILED APPLICATION
FOR UNITED STATES PATENT**

WHEREAS:

NAME AND ADDRESS
OF ASSIGNOR:

Kazuhiro ISHIDA of
c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku,
Tokyo, Japan

(Hereinafter referred to as ASSIGNOR), have invented and
own a certain invention entitled:

TITLE OF INVENTION:

MOBILE TELEPHONE, APPARATUS, METHOD, AND
PROGRAM FOR CALCULATING AN INTERLEAVE PARAMETER

(hereinafter referred to as INVENTION) for which application
for Letters Patent of the United States has been executed on
even date herewith,

WHEREAS:

FULL NAME AND ADDRESS
OF ASSIGNEE:

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

(hereinafter referred to as ASSIGNEE), is desirous of acquiring
the entire interest in, to and under said invention and in, to and
under Letters Patent or similar legal protection to be obtained
therefore in the United States and in any and all foreign
countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be
it known that good and valuable consideration from
ASSIGNEE to ASSIGNOR, the receipt of which is hereby
acknowledged, ASSIGNOR hereby sells, assigns and transfers
to ASSIGNEE the full 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 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.

ASSIGNOR further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for the aforesaid INVENTION as the ASSIGNEE or its designee(s) may from time to time require and prepare at its own expense.


ASSIGNOR hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue on said INVENTION to said ASSIGNEE, as assignee of the whole right, title and interest thereto.

DATE OF SIGNING:

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this 17th day of August, 2004.

Warning: This must be the same as the date of signing of the declaration and power of attorney of the patent or design application.

SIGNATURE(S):
The signature(s) must correspond with the name(s) of the inventor(s) above. Type name(s) of inventor(s) under signature line(s).

Kazuhiro Ishida 
(Signature) Kazuhiro ISHIDA

WITNESS:

[Signature]
[Signature]

Instructions for assignment signing:

All information, names of inventor(s) and assignee, title of invention and particulars of application should be completed. No witnessing or legalization is necessary. However, if this assignment is legalized, then it will be *prime facie* evidence of the execution of the assignment.