

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

(Sole or Joint Inventors)

FULL NAME(S) AND
POST OFFICE ADDRESS(S)
OF INVENTOR(S) (including
country)

WHEREAS: HIDEKI MATSUURA
NEC Engineering, Ltd.
18-21, Shibaura 3-chome, Minato-ku,
Tokyo, Japan

TITLE OF
INVENTION

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

METHOD AND APPARATUS FOR DIGITAL FILTER

FULL NAME AND
ADDRESS (including country)
OF ASSIGNEE

for which application for Letters Patent of the United States
has been executed on even date herewith,

WHEREAS: 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 therefor in the United States and in any and all foreign
countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:
Be it known that in consideration of the payment by 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 hereby sells, assigns and transfers to
ASSIGNEE the full and exclusive right, title and interest to
said invention in the United States and its territorial possessions
and in all foreign countries and to all Letters Patent or similar
legal protection in the United States and its territorial possessions
and in any and all foreign countries to be obtained for said
invention by said application or any continuation, division,
renewal, substitute or reissue thereof or

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any legal equivalent thereof in a foreign country 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 and legal equivalents in foreign countries 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, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

Warning

DATE OF SIGNING:

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

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this March 23, 2000

(Date of Signing)

Hideki Matsuura
(Signature) HIDEKI MATSUURA

SIGNATURE(S)

The signature(s) must correspond with the name(s) of the inventor(s) above.

(Signature)

(Signature)

Witness:

[Handwritten Signature]

Kenryo Tamura

Instruction sheet 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 only be prime facie evidence of the execution of the assignment.

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