**FORM FTO-1595** 1-31-92

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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office Docket No.:WN-1844

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To the Honorable Commissioner of Pi	ed original documents or copy thereof.
Name of conveying party(ies):  Tsuyoshi Mitsuda	Name and address of receiving party(ies):  Name: NEC Corporation
Additional names of conveying party(ies) attached?  ☐ yes ☑ no	Internal Address:
3. Nature of Conveyance	Street Address: 7-1, Shiba 5-chome, Minato-ku, City: Tokyo Country: Japan
☑ Ass gnment ☐ Merger ☐ Sec urity Agreement ☐ Change of Name ☐ Other ☐ Execution Date: May 26, 1998	Additional name(s) & address(es) attached? □ yes ☑ no
	JIT AND LOAD DRIVE CIRCUIT INCLUDING THE SAME location, the execution date of the application is May 26, 1998
A. Fatent Application No(s).	B. Patent No(s).  I numbers attached? □ Yes ☑ No
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved:1
C. Lamont Whitham Whitham, Curtis & Whitham Restori International Center	7. Total fee (37 CFR 3.41): \$_40.
11800 Sunrise Valley Drive Suite 900 Reston, Virginia 20191	<ul> <li>☑ Authorized to be charged to deposit account</li> <li>☐ Total fee due</li> <li>☑ Any deficiencies in the enclosed fees</li> </ul>
	Deposit account number:     23-1951 (WHITHAM, CURTIS & WHITHAM)
1936 TSTIKES 00000006 09067636  Statement and signature 40.00 IP  To the best of my knowledge and belief, the foregoing info document.	rmation is true and correct and any attached copy is a true copy of the original
Michael E. Whitham	St 8 Webst 7/2/198
Name of Person Signing	Signature Date

PATENT OR DESIGN: SOLE OR JOINT

(U.S. and Foreign Rights)

## ASSIGNMENT FOR UNFILED APPLICATION FOR UNITED STATES PATENT

(Sole or Joint Inventors)

WHEREAS:

TSUYOSHI MITSUDA

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

c/o NEC Kansai, Ltd., 9-1, Seiran 2-chome, Ohtsu-shi, Shiga, Japan

(hereinafter referred to as ASSIGNOR), have invented and

TITLE OF INVENTION own a certain invention entitled:

ABNORMAL CURRENT DETECTION CIRCUIT AND LOAD DRIVE CIRCUIT INCLUDING THE SAME

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

**FULL NAME AND** ADDRESS (including country) OF ASSIGNEE

> (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 AS-SIGNEE 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

(Assignment for Unfiled Application for United States Patent—page 1 of 2)

**PATENT** REEL: 9223 FRAME: 0344 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.

IN WITNESS WHEREOF, I/We have hereunto set hand <u>May 26, 1998</u> and seal this

(Date of Signing)

(Signature)

(Signature)

Witness:

Susumu Yoshida

Instruction sheet for assignment Signing

Warning

This must be the same as the

date of signing of the declaration and power of the patent

correspond with the name(s) of the inventor(s) above.

DATE OF SIGNING:

or design application.

SIGNATURE(S) The signature(s) must

> 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.

(Assignment for Unfiled Application for United States Patent—page 2 of 2)

RECORDED: 05/29/1998 REEL: 9223 FRAME: 0345