

05-18-1998

FORM PTO-1595

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To the Hon. Commissioner of Patents & Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Kazuhiko HAYASHI,
Shigeru MORI and Masafumi NAKADA

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: May 1, 1998

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

Name:
NEC CORPORATION

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



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

If this document is being filed together with a new application, the execution date of the application is: May 1, 1998

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? Yes No

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

YOUNG & THOMPSON
Second Floor
745 South 23rd Street
Arlington, VA 22202

6. Total number of applications and patents involved:

One

7. Total fee (37 CFR 3.41).....\$ 40

- Enclosed
- Authorized to be charged to deposit account

8. Deposit Account No. 25-0120

(Attach duplicate copy of this page if paying by deposit account)

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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.

Lauren Terry
Name of Person Signing

Lauren Terry
Signature

May 12, 1998
Date

Total number of pages including cover sheet: 121

ASSIGNMENT

WHEREAS, KAZUHIKO HAYASHI, SHIGERU MORI, MASAFUMI NAKADA, Tokyo, Japan

has invented certain new and useful improvements in MAGNETORESISTANCE EFFECT DEVICE AND MAGNETORESISTANCE EFFECT SENSORS, MAGNETORESISTANCE DETECTION SYSTEM, AND MAGNETIC STORAGE SYSTEM USING THE DEVICE

for which we are about to make application for Letters Patent of the United States of America;

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

desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor from the United States;

NOW THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollars (\$ 1.00) to us in hand paid, the receipt of which is hereby acknowledged the said ASSIGNOR have assigned, sold, and set over, and by these presents do hereby assign, sell, and set over unto the said ASSIGNEE, NEC Corporation * the full and exclusive right, title, and interest in and to the said invention, as fully set forth and described in the:

(a) specification prepared and executed by us on the 1st day of May, 1998, ~~by application filed on the day of 1998, Serial No.~~

preparatory to obtaining Letters Patent therefor; said invention, application and Letters Patent to be held and enjoyed by the said ASSIGNEE, NEC Corporation for their own use and behoof, and for their legal representatives, to the full end of the term for which said Letters Patent are granted, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

IN TESTIMONY WHEREOF, we hereunto set our hands and affix our seals at this 1st day of May, A.D. 1998

Witness: Masayuki Takada

(Inventor's full Signature) Kazuhiro Hayashi (林) KAZUHIKO HAYASHI Shigeru Mori (森) SHIGERU MORI Masafumi Nakada (中) MASAFUMI NAKADA