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

## 1. Name of conveying party(ies):

Hisanao TSUGE

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

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: October 29, 1998

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

Name:  
NEC CORPORATIONStreet Address:  
7-1, Shiba 5-chome  
Minato-ku  
Tokyo, Japanjc525 U.S. PRO  
09/182896  
10/30/98

## 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: October 29, 1998

## A. Patent Application No(s).

09/182896

## 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  
40.00 OP11/06/1998 SUBVIS. 00000003 09182896  
04 FC:581

## 6. Total number of applications and patents involved:

1

## 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.*Mary Shelton  
Name of Person SigningMary Shelton  
SignatureOctober 30, 1998  
Date

Total number of pages including cover sheet: 121

## A S S I G N M E N T

WHEREAS, Hisanao TSUGE of Tokyo, Japan  
hereafter referred to as applicant, has invented certain new and useful  
improvements in IMPROVED MAGNETORESISTIVE ELEMENT AND METHOD OF  
FORMING THE SAME

(a) for which an application for a United States Patent was filed on \_\_\_\_\_, Application No. \_\_\_\_\_,

(b) for which an application for a United States Patent was executed on October 29, 1998, and

WHEREAS, **NEC CORPORATION**, of 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 the same;

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents does sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States.

      I       hereby authorize and request the Commissioner of Patents & Trademarks to issue said United States Patent to said assignee, of the entire right, title and interest in and to the same, for its sole use and behoof; and for the use and behoof of its legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Date: October 29, 1998

Hisano Tenge



Hisanao TSUGE

Date: \_\_\_\_\_

Witness:

Witness:  
Manoju Tewari Shri. S. S. S. S. S.