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Attorney Docket No. 8004-1015

Form PTO-1595

RECO



U.S. Department of Commerce
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11-20-03

102612007

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

1. Name of Conveying Party(ies):
Yoshihiko HORI

2. Name and address of receiving party(ies)
Name: **NEC Electronics Corporation**

Address: **1753 Shimonumabe
Nakahara-ku, Kawasaki
Kanagawa
211-8668
Japan**

10270 U.S. PTO
10716678



112003

Additional name(s) of conveying party(ies) attached?

Yes No

Additional name(s) and address(es) attached?

Yes No

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other: _____

Execution Date: **November 14, 2003**

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

10716678

This document is being filed with a new application, the execution date of the application is: **November 14, 2003**

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:

**Customer No.: 00466
YOUNG & THOMPSON
Second Floor
745 South 23rd Street
Arlington, VA 22202
Phone: 703-521-2297
Fax: 703-685-0573**

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

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

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.

Yolanda Reynolds

Yolanda Reynolds

November 20, 2003

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: **2**

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Y&T November 20, 2003

**PATENT
REEL: 014728 FRAME: 0525**

ASSIGNMENT

WHEREAS, Yoshihiko HORI of Kanagawa, Japan

ha invented certain new and useful improvements in
ENCODER, DECODER, AND DATA TRANSFER SYSTEM

for which I am about to make application for Letters
(I/we have made—or am/are about to make)

Patent of the United States of America;

AND WHEREAS, NEC Electronics Corporation, 1753 Shimonumabe, Nakahara-ku,
Kawasaki, Kanagawa 211-8668, 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 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 Electronics Corporation

* the full and exclusive right, title, and interest in and to the said invention,
as fully set forth and described in the:

Delete
inapplicable
wording

(a) specification prepared and executed by me on the 14th day of November, 2003,

(b) application filed on the _____ day of _____, _____, Serial No. _____,

preparatory to obtaining Letters Patent therefor; said invention, application and Letters Patent to be
held and enjoyed by the said ASSIGNEE, NEC Electronics 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

me had this assignment and sale not been made.

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at

this 14th day of November, A.D. 2003

Yoshihiko Horii (Signature)

(Inventor's full Signature)

Yoshihiko HORI

Witness:

Tatsuo Takemaru
[Signature]

PATENT