

01-26-2006

Attorney Docket No. 8053-1042



HEET

U.S. Department of Commerce  
U.S. Patent and Trademark Office

103165266

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

## 1. Name of Conveying Party(ies):

**Shingo ICHIKAWA**  
**Miho HIRAI**

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

☐ Yes ☒ No

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

Name: **NEC Electronics Corporation**Address: **1753 Shimonumabe, Nakahara-ku,  
Kawaski  
Kanagawa  
Japan  
211-8668**

## 3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other: \_\_\_\_\_

Execution Date: **January 13, 2006**

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

☐ Yes ☒ No

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

☒ This document is being filed together with a new application

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 23<sup>rd</sup> 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)

DO NOT USE THIS SPACE

## 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.***Benoit Castel**

Name of Person Signing

Signature

**January 19, 2006**

Date

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

01/20/2006 AKELICH1 00000038 11334355

04 FC:8021

40.00 DP

Y&amp;T January 19, 2006

**PATENT**  
**REEL: 017487 FRAME: 0613**

## ASSIGNMENT

WHEREAS, SHINGO ICHIKAWA and MIEO HIRAI of Kanagawa, Japan

have invented certain new and useful improvements in SEMICONDUCTOR DEVICE

INCLUDING MULTIPLE ROWS OF PERIPHERAL CIRCUIT UNITS

for which we are 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:

(a) specification prepared and executed by us on the 13-th day of January, 2006,

(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

us had this assignment and sale not been made.

IN TESTIMONY WHEREOF, we hereunto set our hands and affix our seals at

Kanagawa, Japan

this 13-th day of January, A.D. 2006

Shingo Ichikawa (Inventor's full Signature)

SHINGO

ICHIKAWA

Mieo Hirai  
MIEO HIRAI

Witness:

HITOSHI UKAI

AKIRA MITO

PATENT

RECORDED: 01/19/2006

REEL: 017487 FRAME: 0614