

06-12-2002



102118994

Form PTO-1595
(Rev. 8/01)

OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings ⇌ ⇌ ⇌ ▼ ▼ ▼ ▼ ▼ ▼ ▼

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office
Atty Docket No.: NEKW 19.286

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

1. Name of conveying party(ies):

Tsuyoshi OHNO

6-3-02

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

3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other

Correction of reel/frame no. 012405/0886

DECEMBER 18, 2001

Execution Date: _____

2. Name and address of receiving party(ies)

NEC CORPORATION

Name: _____

Internal Address: _____

7-1, Shiba 5-chome, Minato-ku

Street Address: _____

Tokyo, Japan

City: _____ State: _____ Zip: _____

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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: _____

A. Patent Application No.(s)

10/024,154

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Rosenman & Colin LLP

Name: _____

IP Department 15th Fl.

Internal Address: _____

575 Madsion Avenue

Street Address: _____

New York

New York

10022-2585

City: _____

State: _____

Zip: _____

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 number:

50-1290

(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.

Michael I. Markowitz

MAY 21, 2002

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: ☒ 6

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

06/11/2002 GTDN11

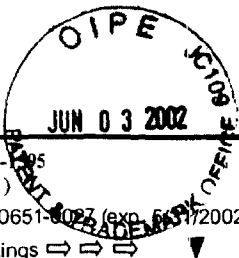
00000102 501290

10024154

01 FC:581

40.00 CH

PATENT
REEL: 012964 FRAME: 0537



01-03-2002

NEKW 19.286



101932113

Form PTO-195
(Rev. 03/01)
OMB No. 0651-0023 (exp. 6/30/2002)
Tab settings

ET U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

PTO
10/024154
12/19/01

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

1. Name of conveying party(ies):

Tsuyoshi OHNO

12/19/01

2. Name and address of receiving party(ies)

Name: NEC CORPORATION

Internal Address:

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

3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other

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

City: State: Zip:

Execution Date: DECEMBER 5, 2001

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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: December 18, 2001

A. Patent Application No.(s)

B. Patent No.(s)

10024154

Additional numbers attached? ☐ Yes ☐ No

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

Name: Rosenman & Colin, LLP

Internal Address:

Street Address: 575 Madison Avenue
15th Floor IP Department

City: New York State: New York Zip: 10022-2585

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 number:

50-1290

(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.

Harris A. Wolin

Name of Person Signing

Signature

December 18, 2001

Date

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

/02/2002 GTON11 00000056 501290 10024154

FC:581

40.00 CH

PATENT
REEL: 012964 FRAME: 0538

ASSIGNMENT

Docket No. NEKW 19.286

WHEREAS, the below named inventor, ASSIGNOR, has made a certain new and useful invention in:
FLIP CHIP SEMICONDUCTOR DEVICE HAVING SIGNAL PADS ARRANGED OUTSIDE OF
POWER SUPPLY PADS

for which

(check one) ☒ an application is being filed concurrently herewith,

☐ an application for a Patent of the United States was filed on _____
 and given Application Serial No. _____

and WHEREAS, NEC Corporation

having a place of business at 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

ASSIGNEE


is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNOR, has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof:

ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR covenants and agrees that he has full right to convey the entire interest herein assigned, and has not executed, and will not execute, any agreement in conflict herewith.

AND ASSIGNOR further covenants and agrees that he will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

Full name of sole or first inventor TSUYOSHI OHNO
 Inventor's signature TSUYOSHI OHNO  Date December 5, 2001
 Residence Kanagawa, Japan Citizenship Japan
 Post Office Address c/o NEC Micro Systems, Ltd., 403-53, Kosugimachi 1-chome,
Nakahara-ku, Kawasaki-shi, Kanagawa, Japan
 Full name of second joint inventor, if any _____ Date _____
 Second Inventor's signature _____ Citizenship _____
 Residence _____
 Post Office Address _____

Witness:

Niteshi Ukar
[Signature]