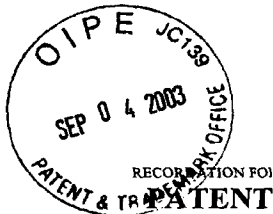


Atty Docket No.: 238800US90X

FORM PTO-1595
1-31-92



09-09-2003

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DEPARTMENT OF COMMERCE
Patent and Trademark Office

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

1. Name of conveying party(ies):

Ken SAKAMURA, Noboru KOSHIZUKA, Kazuhiko ISHII,
Kensaku MORI, Hiroshi AONO and Sadayuki HONGO

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

Name: 1) Ken SAKAMURA
2) Noboru KOSHIZUKA
3) NTT DoCoMo, Inc.

Address: 1) 9-2, Osaki 4-chome,
Shinagawa-ku, Tokyo, Japan

2) 27-20, Nishikubo 2-chome,
Musashino-shi, Tokyo, Japan

3) 11-1, Nagatacho 2-chome,
Chiyoda-ku, Tokyo, Japan

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

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
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Execution Date: July 7, 2003

Additional name(s) and 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)

10/457,512

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

6. Total applications and patents involved: 1

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

- ☒ Enclosed
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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.

Masayasu Mori

Name of Person Signing

Joseph A. Scafetta Jr.
Signature

Sept. 4, 2003
Date

Registration Number: 47,301

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PATENT
REEL: 014454 FRAME: 0768

Assignment of Application

WHEREAS, I (WE) Ken SAKAMURA of Shinagawa-ku, Tokyo Japan

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

Noboru KOSHIZUKA of Musashino-shi, Tokyo Japan

Kazuhiko ISHII of Yokohama-shi, Kanagawa Japan

Kensaku MORI of Yokohama-shi, Tokyo Japan

Hiroshi AONO of Yokosuka-shi, Kanagawa Japan

Sadayuki HONGO of Yokohama-shi, Kanagawa Japan

, respectively,

have invented certain new and useful improvements in: AUTONOMOUS INTEGRATED-CIRCUIT CARD

INSERT TITLE OF
INVENTION:

For which an application for Letters Patent was executed on even date herewith

INSERT DATE
INVENTORS SIGNED
DECLARATION:

(Application No. 10/457,512, filed June 10, 2003), and

Ken SAKAMURA of 9-2, Osaki 4-chome, Shinagawa-ku, Tokyo, Japan,

Noboru KOSHIZUKA of 27-20, Nishikubo 2-chome, Musashino-shi, Tokyo, Japan,

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, and NTT DoCoMo, Inc. of 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo, Japan

(hereinafter referred to as "ASSIGNEE") having places of business at: _____ is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

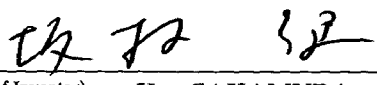
I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

10/01

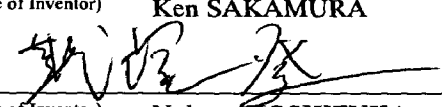
Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: July 7, 2003


(Signature of Inventor) Ken SAKAMURA

Date: July 7, 2003


(Signature of Inventor) Noboru KOSHIZUKA

Date: July 7, 2003


(Signature of Inventor) Kazuhiko ISHII

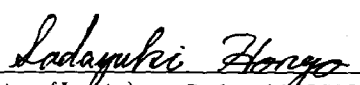
Date: July 7, 2003


(Signature of Inventor) Kensaku MORI

Date: July 7, 2003


(Signature of Inventor) Hiroshi AONO

Date: July 7, 2003


(Signature of Inventor) Sadayuki HONGO

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
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1940 DUKE STREET
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