05-14-1998

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

KIYOFUMI SAKAGUCHI, TAKAO YONEHARA, SHOJI NISHIDA, and KENJI YAMAGATA

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

□ Yes

X No

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

Name: CANON KABUSHIKI KAISHA

Foreign Address: 30-2, 3-chome, Shimomaruko, Ohta-ku

Tokyo, Japan

Domestic Address:

City: ___________________________ State: ___________ ZIP: ___________

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

□ Yes

X No

3. Nature of conveyance:

X Assignment

□ Merger

□ Security Agreement

□ Change of Name

□ Other

Execution Date: March 3, 1998 (last)

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 Number: 08/993,034

Filing Date: December 18, 1997

Additional numbers attached?

□ Yes

X No

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

Name: Fitzpatrick, Cella, Harper & Scinto

277 Park Avenue

New York, New York 10172-0194

Telephone No.: (212) 758-2400

Facsimile No.: (212) 758-2982

6. Number of applications and patents involved:

One

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

□ Enclosed

□ Authorized to be charged to deposit account

8. Deposit account number (for deficiency or excess)

06-1205

(Attach duplicate copy of this page if paying by deposit account):

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To the best of my knowledge and belief, the foregoing information is true and the attached is the original document or is a true copy of the original document.

Laura A. Bauer
Name of Person Signing

Signature

Date: May 5, 1998

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

PATENT

REEL: 9156 FRAME: 0171
ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, KIYOFUMI SAKAGUCHI, TAKAO YONEHARA,
SHOJI NISHIDA and KENJI YAMAGATA

citizens of Japan
residing respectively at 19-2-504, Eda Higashi 2-chome, Tsuzuki-ku,
Yokohama-shi, Kanagawa-ken, Japan; 2235-2, Nurumizu,
Atsugi-shi, Kanagawa-ken, Japan; 3168-30, Okazaki,
Hiratsuka-shi, Kanagawa-ken, Japan; and 43-27,
Miyashimohoncho 3-chome, Sagamihara-shi, Kanagawa-ken,
Japan

hereby sell, assign, transfer and convey unto CANON KABUSHIKI KAISHA
a corporation of Japan
having a place of business at 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, Japan
its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title and interest, for
the United States, in and to certain inventions relating to

PROCESS FOR PRODUCING SEMICONDUCTOR ARTICLE

and described in an application for Letters Patent of the United States filed by us on December 18, 1997
and which has been accorded Application No. 08/993,034
and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States
which may be granted, thereon, and all reissues and extensions thereof; and we hereby authorize and request the
Commissioner for Patents and Trademarks of the United States to issue all Letters Patent upon said inventions to the
Assignee or to such nominees as it may designate.

AND we authorize and empower the said Assignee or nominees to invoke and claim for any application for
patent or other form of protection for said inventions, the benefit of the right of priority provided by the International
Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be
substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

AND we hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any
assignment, consent to file or like document which may be required in the United States for any purpose and more
particularly in proof of the right of said Assignee or nominees to claim the aforesaid benefit of the right of priority
provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention
which may henceforth be substituted for it.

AND we hereby covenant that we have the full right to convey the entire right, title and interest herein assigned
and that we have not executed and will not execute any agreement in conflict herewith.

AND we hereby covenant and agree that we will communicate to said Assignee or nominees all facts known to
us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional,
continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts
necessary or proper to aid said Assignee or nominees in obtaining, maintaining and enforcing all lawful patent protection
for said inventions in the United States.

By: KIYOFUMI SAKAGUCHI

Date: March 2, 1998

By: TAKAO YONEHARA

Date: March 3, 1998

By: SHOJI NISHIDA

Date: March 3, 1998

By: KENJI YAMAGATA

Date: March 3, 1998

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REEL: 9156 FRAME: 0172

RECORDED: 05/06/1998