

10-29-1998

Form-PTO-1595 AMENDED 1-31-92



RECORDATION

Atty. Docket: 35.C12746

To the Commissioner of Patent.

100862374

and original documents or copy thereof.

1. Name of conveying party(ies):
 NOBUMASA SUZUJI, MANABU MATSUO and
 HIROHISA ODA

Additional name(s) of conveying party(ies) attached?
 Yes No *med 10-26-98*

3. Name of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: 6/10/98; 6/09/98; and 6/10/98

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 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 Number: 09/082,006
 Filing Date: May 20, 1998

B. Title of Invention: PLASMA PROCESSING APPARATUS PROVIDED WITH MICROWAVE APPLICATOR HAVING ANNULAR WAVEGUIDE AND PROCESSING METHOD

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Fitzpatrick, Cella, Harper & Scinto
30 Rockefeller Plaza
New York, New York 10112-3801

Telephone No.: (212) 218-2100

Facsimile No.: (212) 218-2200

6. Number of applications and patents involved:
One

7. Total fee (37 CFR 3.41): . . . \$ 40.00
 Paid on 7/17/98. See Document No. 100766633
 Authorized to be charged to deposit account *405*

8. Deposit account number (for deficiency or excess)
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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.

Abigail F. Cousins *Abigail Cousins* October 23, 1998
 Name of Person Signing Signature Date

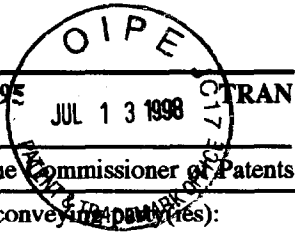
Total number of pages including cover sheet, attachments, and documents: 2

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07-17-1998

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1-31-92

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100766633

RDATION

Atty. Docket: 35.C12746

To the Commissioner of Patents

and original documents or copy thereof.

1. Name of conveying party(ies):
 NOBUMASA SUZUKI ET AL.
 Additional name(s) of conveying party(ies) attached?
 Yes No

2. Name and address of receiving party(ies):
 Name: CANON KABUSHIKI KAISHA
 Foreign Address: 30-2, 3-chome, Shimomaruko, Ohta-ku
Tokyo, Japan

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
 Execution Dates: June 10, 1998

Domestic Address: _____
 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 Number: 09/082,006
 Filing Date: May 20, 1998

B. Title of Invention:
 PLASMA PROCESSING APPARATUS PROVIDED
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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.

07/16/1998 BNGUYEN 00000133 09082006

01 FC:581 ABIGAIL F. COUSINS \$0.00 DP
Name of Person Signing

Abigail Cousins
Signature

July 10, 1998
Date

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

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PATENT
REEL: 9532 FRAME: 0257

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, **NOBUMASA SUZUKI, MANABU MATSUO and
HIROHISA ODA**

citizens of Japan
residing respectively at
131-A604, Horiguchi, Kanazawa-ku, Yokohama-shi, Kanagawa-ken,
Japan;
8-19, Asumigaoka 9-chome, Midori-ku, Chiba-shi, Chiba-ken,
Japan; and
44-1-316, Miyuki-cho, Utsunomiya-shi, Tochigi-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

**PLASMA PROCESSING APPARATUS PROVIDED WITH
MICROWAVE APPLICATOR HAVING ANNULAR WAVEGUIDE
AND PROCESSING METHOD**

and described in an application for Letters Patent of the United States filed by us on **May 20, 1998**
and which has been accorded Application No. **09/082,006**
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: Nobumasa Suzuki
NOBUMASA SUZUKI

Date: June 10, 1998

By: MANABU MATSUO
MANABU MATSUO

Date: 1998.06.09.

By: Hirohisa Oda
HIROHISA ODA

Date: June - 10, 1998