

01-04-1999

Form-PTO-1595
1-31-92

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Atty. Docket: 35.C13060

To the Commissioner of Patents and Trademark

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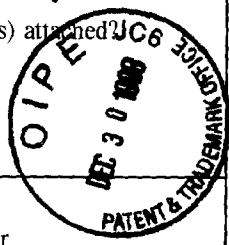
documents or copy thereof.

1. Names of conveying party(ies):
 1) MASA AKI YAMAJI
 2) TOSHIYUKI KARAKAMA

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

Handwritten: NPD 12/30/98

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



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

Execution Dates: 1) December 14, 1998 and 2) December 11, 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:
09/179,578, filed October 27, 1998

Additional numbers attached? Yes No

B. Patent Registration No. (s)

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
 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):

1/04/1999 JWATKINS 00000003 09179578

FC:581 40.00 DP

DO NOT USE THIS SPACE

9. Statement and signature.
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.

William M. Wannisky, Reg. No. 28,373 December 30, 1998
 Name of Person Signing Signature Date

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

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PATENT
REEL: 9667 FRAME: 0837

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, **MASAAKI YAMAJI and TOSHIYUKI KARAKAMA**

citizens of **JAPAN**
residing respectively at

**10-21, Koyasudai 1-chome, Kanagawa-ku, Yokohama-shi,
Kanagawa-ken, Japan; and
356-1-B102, Nameri, Nagaizumi-cho, Sunto-gun, Shizuoka-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

DEVELOPING APPARATUS

and described in an application for Letters Patent of the United States filed by us on **October 27, 1998**
and which has been accorded Application No. **09/179,578**
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: Masaaki Yamaji
MASAAKI YAMAJI

Date: December 14, 1998

By: Toshiyuki Karakama
TOSHIYUKI KARAKAMA

Date: December 11, 1998

By: _____

Date: _____

By: _____

Date: _____

By: _____

Date: _____