



To the Commissioner of Patents and Trademark

documents or copy thereof.

100958988

1. Name of conveying party(ies):
TAKAYUKI HASEGAWA, MUTAKA WATANABE

Name: CANON KABUSHIKI KAISHA

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

Foreign Address: 30-2, Shimomaruko 3-chome, Ohta-ku
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2-2-99

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

Domestic Address: _____

Execution Date: January 8, 1999 (last)

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: 09/207,023

B. Title of Invention:

Filing Date: December 8, 1998

X-RAY ILLUMINATION DEVICE, X-RAY ILLUMINATION METHOD, AND AN X-RAY EXPOSING DEVICE AND DEVICE MANUFACTURING METHOD USING THE SAME

02/04/1999 SBURNS 00000089 09207023
01 FC:581 40.00 OP

Additional numbers attached? Yes No

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

6. Number of applications and patents involved:

Name: Fitzpatrick, Cella, Harper & Scinto
30 Rockefeller Plaza
New York, New York 10112-3801

One

Telephone No.: (212) 218-2100

Facsimile No.: (212) 218-2200

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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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.

Peter Saxon
Name of Person Signing

Signature

February 1, 1999
Date

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

JOINT

(AFTER APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, We, Takayuki HASEGAWA and Yutaka WATANABE
citizens of Japan

residing respectively at

2-39-601, Fudomae 4-chome, Utsunomiya-shi, Tochigi-ken, Japan;

and 2426-8-505, Oaza Hoshakuji, Takanezawamachi, Shioya-gun,

Tochigi-ken, 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 X-RAY ILLUMINATION DEVICE, X-RAY ILLUMINATION METHOD, AND AN X-RAY EXPOSING DEVICE AND DEVICE MANUFACTURING METHOD USING THE SAME and described in an application for Letters Patent of the United States filed by us on December 8, 1998 and which has been accorded Application No. 09/207023 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 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: Takayuki Hasegawa Date: January 8, 1999
Takayuki HASEGAWA

By: Yutaka Watanabe Date: January 8, 1999
Yutaka WATANABE