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IT IS REQUESTED THAT THE FOLLOWING DOCUMENTS OR COPY THEREOF MAY BE EXAMINED AND COPY OF RECEIVING PARTY:

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 Date: 1), 4), 5) and 6) April 5, 1999;
2) & 3) April 2, 1999

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: 09/248,102

Filing Date: February 11, 1999

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

☑ Enclosed ☐ Authorized to be charged to deposit account

8. Deposit account number (for deficiency or excess)

06-1205

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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.

John W. Behringer - Reg. No. 23,086
Name of Person Signing

Signature
May 4, 1999
Date

Total number of pages including cover sheet, attachments, and documents: 3

PATENT
REEL: 9926 FRAME: 0612
ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE,

TOSHIKAZU ONISHI, YOSHIKAZU BANNO, MICHIO NISHIMURA,
TOSHIHIKO TAKEDA, KEISuke YAMAMOTO AND TOMOKO MARUYAMA

citizens of Japan
residing respectively at

8-9, Sakuradai, Sagamihara-shi, Kanagawa-ken, Japan;
23-6-208, Tamagawagakuen 7-chome, Machida-shi, Tokyo, Japan;
31-6-201, Sobudai 3-chome, Sagamihara-shi, Kanagawa-ken, Japan;
12-2-205, Morinosato 3-chome, Atsugi-shi, Kanagawa-ken, Japan;
1-10-203, Minami Rinkan 7-chome, Yamato-shi, Kanagawa-ken, Japan;
and 480-3-A-205, Aiko Azadzan, Atsugi-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, Shimomarucho 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

METHOD FOR MANUFACTURING ELECTRON EMISSION ELEMENT, ELECTRON
SOURCE, AND IMAGE FORMING APPARATUS

and described in an application for Letters Patent of the United States filed by us on February 11, 1999
and which has been accorded Application No. 09/248,102
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: TOSHIKAZU ONISHI
    Date: April 5, 1999

By: YOSHIKAZU BANNO
    Date: April 2, 1999

By: MICHYO YOSHIMURA
    Date: April 2, 1999

By: TOSHIHIKO TAKEDA
    Date: April 5, 1999

By: KEISUKE YAMAMOTO
    Date: April 5, 1999

By: TOMOKO MARUYAMA
    Date: April 5, 1999