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ON

Atty. Docket: 35.C15452

To the Director, U.S. Patent and Trademark

101873172

all documents or copy thereof.

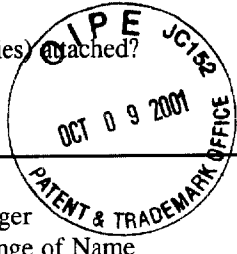
1. Name of conveying party(ies):

Yoshiyuki Imanaka, Ichiro Saito, Hiroyuki Ishinaga, Masahiko Kubota, Muga Mochizuki, Ryoji Inoue, and Takaaki Yamaguchi

10/09/01

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, Shimomaruko 3-chome, Ohta-ku

Tokyo, Japan

Domestic Address:

City: State ZIP

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: August 28, 2001, August 28, 2001, August 28, 2001, August 30, 2001, August 28, 2001, August 29, 2001, and August 28, 2001, respectively

4. Application number(s) or patent number(s):

A. Patent Application Number: 09/879,110
Filing Date: June 13, 2001

the execution date of the application is:

B. Title of Invention:
INK JET RECORDING APPARATUS UTILIZING SOLID SEMICONDUCTOR ELEMENT

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

(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.

Leonard P. Diana (Reg. No. 29,296)

Name of Person Signing

Leonard P. Diana
Signature

October 5, 2001

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, Yoshiyuki Imanaka, Ichiro Saito, Hiroyuki Ishinaga, Masahiko Kubota, Muga Mochizuki, Ryoji Inoue and Takaaki Yamaguchi

hereby sell, assign, transfer and convey unto CANON KABUSHIKI KAISHA

a corporation of Japan

having a place of business at

3-30-2, Shimomaruko, 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

INK JET RECORDING APPARATUS UTILIZING SOLID SEMICONDUCTOR ELEMENT

and described in an application for Letters Patent of the United States filed by us on June 13, 2001

and which has been accorded Application No. 09/879,110

and in and to said application, and all divisions, 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 of 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 filed by it or them, the benefit of the right or 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 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: Yoshiyuki Imanaka
Yoshiyuki Imanaka

Date: August 28, 2001

By: Ichiro Saito
Ichiro Saito

Date: August 28, 2001

By: Hiroyuki Ishinaga
Hiroyuki Ishinaga

Date: August 28, 2001

By: Masahiko Kubota
Masahiko Kubota

Date: August 30, 2001

By: Muga Mochizuki
Muga Mochizuki

Date: August 28, 2001

By: Ryoji Inoue
Ryoji Inoue

Date: August 29, 2001

By: Takaaki Yamaguchi
Takaaki Yamaguchi

Date: August 28, 2001

By: _____

Date: _____

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