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FOR RECORDATION  
BY

Atty. Docket: 684.3259

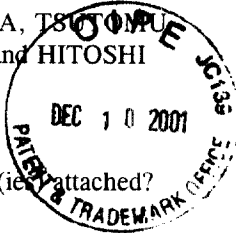
28

To the Director, U.S.

rd the attached original documents or copy thereof.

1. Name of conveying party(ies):

TOSHIYUKI CHIKUMA, NAOJI OTSUKA, TOSHIO  
TAKAHASHI, KIICHIRO TAKAHASHI and HITOSHI  
NISHIKORI



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: November 28, 2001

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: 09/966,249  
Filing Date: October 1, 2001

B. Title of Invention:  
INK JET RECORDING APPARATUS AND METHOD  
WITH REDUCED BANDING

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):

2/12/2001 TDIAZI 00000042 09966249

FC:581

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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 G. THURLOW  
Name of Person Signing

*Peter G. Thurlow Reg. No 47,138*  
Signature

December 7, 2001  
Date

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

**Assignment**

FOR VALUE RECEIVED

Toshiyuki CHIKUMANaoji OTSUKATsutomu TAKAHASHIKiichiro TAKAHASHIand Hitoshi NISHIKORI

citizen(s) of Japan

residing at (respectively)

2-21-11-227 Shukugawara, Tama-ku, Kawasaki-shi, Kanagawa-ken, Japan;

3-13-13 Kitayamata, Tsuzuki-ku, Yokohama-shi, Kanagawa-ken, Japan;

2-5-23 Shiboku, Miyamae-ku, Kawasaki-shi, Kanagawa-ken, Japan;

3-11-19-207 Miyazaki, Miyamae-ku, Kawasaki-shi, Kanagawa-ken, Japan; and

1089-202 Higashinaganuma, Inagi-shi, Tokyo, Japan

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 AND METHOD WITH REDUCED BANDING**

and described in an application for Letters Patent of the United States filed on 1/OCT/2001 as Application No. 09/966,249 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: Toshiyuki Chikuma  
Toshiyuki CHIKUMADate: November 28, 2001By: Naoji Otsuka  
Naoji OTSUKADate: November 28, 2001By: Tsutomu Takahashi  
Tsutomu TAKAHASHIDate: November 28, 2001By: Kiichiro Takahashi  
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Hitoshi NISHIKORIDate: November 28, 2001