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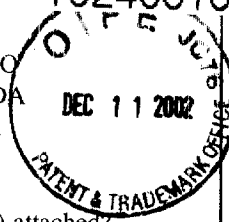
CORDATION

Atty. Docket: 03500.016721

To the Director, U.S. Patent and Trademark Office

See original documents or copy thereof.

102400108



1. Name of conveying party(ies):

- (1) Junichiro IRI (2) Toshio KASHINO
- (3) Hiroyuki KIGAMI (4) Hiroyuki MAEDA
- (5) Akira GOTO (6) Hiroki TAJIMA
- (7) Yasushi IIJIMA

Additional name(s) of conveying party(ies) attached?

Yes No

2. Name and address of receiving party(ies):

Name: CANON KABUSHIKI KAISHA

Foreign Address: 3-30-2, Shimomaruko, 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: (1,2,6,7) October 17, 2002 and (3,4,5) October 22, 2002

10-22-02

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: (1,2,6,7) October 17, 2002 and (3,4,5) October 22, 2002

A. Patent Application Number: 10/237,775
Filing Date: September 10, 2002

B. Title of Invention:

INK JET RECORDING HEAD, INK JET RECORDING APPARATUS USING SUCH INK JET RECORDING HEAD, AND METHOD FOR MANUFACTURING INK JET RECORDING HEAD

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.

Douglas W. Pinsky - Reg. No. 46,994

Name of Person Signing

Signature

December 11, 2002

Date

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

JOINT
(AFTER APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, Junichiro Iri, Toshio Kashino, Hiroyuki Kigami,
Hiroyuki Maeda, Akira Goto, Hiroki Tajima and
Yasushi Iijima

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 HEAD, INK JET RECORDING APPARATUS USING SUCH INK JET RECORDING HEAD, AND METHOD FOR MANUFACTURING INK JET RECORDING HEAD

and described in an application for Letters Patent of the United States filed by us on September 10, 2002

and which has been accorded Application No. 10/237,775

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 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 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: Junichiro Iri
Junichiro Iri

Date: October 17, 2002

By: Toshio Kashino
Toshio Kashino

Date: October 17, 2002

By: Hiroyuki Kigami
Hiroyuki Kigami

Date: October 22, 2002^{K.H.}
~~October 17, 2002~~

By: Hiroyuki Maeda
Hiroyuki Maeda

Date: ~~October~~ ^{H.M.} October 22, 2002

By: Akira Goto
Akira Goto

Date: ~~October 17, 2002~~ ^{A.G.} October 22, 2002

By: Hiroki Tajima
Hiroki Tajima

Date: October H.T
~~October~~ 17, 2002

By: Yasushi Iijima
Yasushi Iijima

Date: October 9.8
~~October~~ 17, 2002

By: _____

Date: _____

By: _____

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By: _____

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By: _____

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By: _____

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By: _____

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