

1-31-92 9-18-98



Atty. Docket: 35.C12829

To the Commissioner of Patents and Trade

documents or copy thereof.

100829161

1. Name of conveying party(ies): SHIN ISHIMATSU, MASANORI TAKENOUCHI, and KEN HOSAKA

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

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

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

Domestic Address:

3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other

City: State ZIP

Execution Date: August 25, 1998 (last)

Additional name(s) & address(es) attached? [] Yes [X] 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: 09/109,174 B. Title of Invention: AN INK JET RECORDING HEAD AND A METHOD OF MANUFACTURE THEREFOR Filing Date: July 2, 1998 Additional numbers attached? [] Yes [X] 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 [X] 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.

David L. Schaeffer Name of Person Signing RW 32, 716

David L. Schaeffer Signature

September 9, 1998 Date

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

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, SHIN ISHIMATSU, MASANORI TAKENOUCI and
KEN HOSAKA

citizens of JAPAN
residing respectively at

15-7-203, Satsukigaoka, Aoba-ku, Yokohama-shi, Kanagawa-ken,
Japan; 15H-306, Higashi Terao 1-chome, Tsurumi-ku, Yokohama-shi,
Kanagawa-ken, Japan; and 98-7, Mutsukawa 3-chome, Minami-ku,
Yokohama-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, Shimomanuko 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 AN INK JET RECORDING HEAD AND
A METHOD OF MANUFACTURE THEREFOR

and described in an application for Letters Patent of the United States filed by us on July 2, 1998
and which has been accorded Application No. 09/109,174
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: Shin Ishimatsu
SHIN ISHIMATSU

Date: August 20, 1998

By: Masanori Takenouchi
MASANORI TAKENOUCI

Date: August 25, 1998

By: Ken Hosaka
KEN HOSAKA

Date: August 24, 1998

By: _____

Date: _____

By: _____

Date: _____