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TRANS

To the Commissioner of Patents



100731191

IDATION

Atty. Docket: 1272.10120

original documents or copy thereof.

1. Name of conveying party(ies):

OSAMU IWASAKI, NAOJI OTSUKA, KIICHIRO
TAKAHASHI and HITOSHI NISHIKORI

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

☐ Yes☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: May 15, 1998

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

Name: CANON KABUSHIKI KAISHAForeign Address: 30-2, 3-chome, Shimomaruko, Ohta-kuTokyo, Japan

Domestic Address: _____

City: _____ State _____ ZIP _____

Additional name(s) & address(es) attached? ☐ Yes ☒ 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: 09/059,266

B. Title of Invention:

Filing Date: April 14, 1998

INK-JET APPARATUS AND METHOD OF
ESTIMATING AND CONTROLLING
TEMPERATURE OF INK-JET HEAD THEREOF

Additional numbers attached?

☐ Yes☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Fitzpatrick, Cella, Harper & Scinto277 Park AvenueNew York, New York 10172-0194Telephone No.: (212) 758-2400Facsimile No.: (212) 758-2982

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):

06/04/1998 JSHW0027 00000183 09059266

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01 13:38 Statement and signature.

40.00 UP

*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

RN 30, 7/6David L. Schaeffer

Signature

May 27, 1998

Date

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

PATENT

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REEL: 9209 FRAME: 0503

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE 1) Osamu IWASAKI, 2) Naoji OTSUKA, 3) Kiichiro TAKAHASHI, and
4) Hitoshi NISHIKORI

citizens of Japan

residing respectively at

- 1) 3-38-3, Koenjikita, Suginami-ku, Tokyo, Japan
- 2) 3-13-13, Kitayamata, Tsuzuki-ku, Yokohama-shi, Kanagawa,
Japan
- 3) #203, 4-21-12, Nakanoshima, Tama-ku, Kawasaki-shi, Kanagawa,
Japan
- 4) #202, 1089, 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 APPARATUS AND METHOD OF ESTIMATING AND CONTROLLING
TEMPERATURE OF INK-JET HEAD THEREOF**

and described in an application for Letters Patent of the United States filed by us on April 14, 1998
and which has been accorded Application No. 09/059,266

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 I hereby authorize and request the Commissioner for Patent 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 to 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: Osamu Iwasaki
Osamu IWASAKI

Date: May 15, 1998

By: Naoji Otsuka
Naoji OTSUKA

Date: May 15, 1998

By: Kiichiro Takahashi
Kiichiro TAKAHASHI

Date: May 15, 1998

By: Hitoshi Nishikori
Hitoshi NISHIKORI

Date: May 15, 1998

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