

12-06-2000

D\$

Form-PTO-1595
1-31-92

TRANS



RDATION

Atty. Docket: 35C.14719

11-21-00

101540812

To the Commissioner of Patents

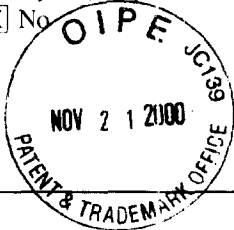
original documents or copy thereof.

1. Name of conveying party(ies): FUMIO MUROOKA, KEI FUJITA, YUKIHIRO HAYAKAWA and MAKOTO TERUI

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

3. Nature of conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other

Execution Date: 10/6/00, 10/13/00, 10/13/00 and 10/23/00

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: 09/643,931

Filing Date: August 23, 2000

B. Title of Invention: SUBSTRATE UNIT FOR LIQUID DISCHARGING HEAD, METHOD FOR PRODUCING THE SAME, LIQUID DISCHARGING HEAD, CARTRIDGE, AND IMAGE FORMING APPARATUS

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):

12/05/2000 MTHAI1 00000221 09643931

FC:581

40.00 OP

DO NOT USE THIS SPACE

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 SHARROTT
Name of Person Signing

Douglas Sharrott
Signature

11/20/00
Date

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

rr

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, FUMIO MUROOKA, KEI FUJITA,
YUKIHIRO HAYAKAWA and MAKOTO TERUI

citizens of JAPAN

residing respectively at

1495-30, Onna, Atsugi-shi, Kanagawa-ken, Japan;
23-18-203, Shukugahara 1-chome, Tama-ku, Kawasaki-shi,
Kanagawa-ken, Japan;
48-9-110, Shiratoridai, Aoba-ku, Yokohama-shi, Kanagawa-ken, Japan;
and 1993-201, Futoo-cho. Kohoku-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, Shimomaruko 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 SUBSTRATE UNIT FOR LIQUID
DISCHARGING HEAD, METHOD FOR PRODUCING THE SAME, LIQUID DISCHARGING
HEAD, CARTRIDGE, AND IMAGE FORMING APPARATUS

and described in an application for Letters Patent of the United States filed by us on August 23, 2000
and which has been accorded Application No. 09/643,931

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: Fumio Murooka
FUMIO MUROOKA

Date: October 6, 2000

By: Kei Fujita
KEI FUJITA

Date: October 13, 2000

By: Yukihiro Hayakawa
YUKIHIRO HAYAKAWA

Date: October 13, 2000

By: Makoto Terui
MAKOTO TERUI

Date: October 23, 2000

By: _____

Date: _____