

07-21-2003

Form-PTO-1595  
1-31-92

TRA



ORDATION

Atty. Docket: 03500.017385.

102502578

To the Director, U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

## 1. Name of conveying parties:

YUKIHIRO HAYAKAWA, KEI FUJITA and  
MINEO SHIMOTSUSA

7.9.03

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

☐ Yes☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_Execution June 30, 2003

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

Name: CANON KABUSHIKI KAISHAForeign Address: 3-30-02 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: June 30, 2003

A. Patent Application Number: Not Yet Assigned

Filing Date: July 9, 2003

Additional numbers attached?

☒ NoB. Title of Invention: SEMICONDUCTOR DEVICE AND  
LIQUID JETTING DEVICE USING THE SAME☐ Yes

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

Name: Fitzpatrick, Cella, Harper & Scinto30 Rockefeller PlazaNew York, New York 10112-3801Telephone No.: (212) 218-2100Facsimile No.: (212) 218-2200

## 6. Number of applications and patents involved:

One7. 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):

07/18/2003 ECOOPER 00000252 10615288

01 FC:8021

40.00 DP

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.*Leonard P. Diana (Reg. No. 29,296)

Name of Person Signing

Signature

July 8, 2003

Date

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

NY\_MAIN 361265v1

PATENT  
REEL: 014273 FRAME: 0691

**JOINT**  
(BEFORE APPLICATION FILED)

**ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES**

FOR VALUE RECEIVED, WE, **Yukihiro Hayakawa, Kei Fujita and Mineo Shimotsusa**

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

**SEMICONDUCTOR DEVICE AND LIQUID JETTING DEVICE USING THE SAME**

and described in an application for Letters Patent of the United States executed by each of us, respectively, on the date indicated below 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 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 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: Yukihiro Hayakawa  
Yukihiro Hayakawa

Date: June 30, 2003

By: Kei Fujita  
Kei Fujita

Date: June 30, 2003

By: Mineo Shimotsusa  
Mineo Shimotsusa

Date: June 30, 2003

By: \_\_\_\_\_

Date: \_\_\_\_\_

By: \_\_\_\_\_

Date: \_\_\_\_\_

By: \_\_\_\_\_

Date: \_\_\_\_\_