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Atty. Docket: 03500.0172

To the Director, U.S. Patent and Trade

...nal documents or copy thereof.



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1. Name of conveying party(ies):  
(1) Shinya YAMAMOTO, (2) Tetsuya KOBAYASHI,  
(3) Yasunari WATANABE, (4) Yasuomi ASO &  
(5) Masato KOYANAGI  
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

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date: (1) through (4) May 23 and (5) May 26, 2003

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: May 23 and 26, 2003  
A. Patent Application Number:  
Filing Date: 10449197  
Additional numbers attached?  Yes  No  
B. Title of Invention:  
DEVELOPER REGULATING MEMBER AND  
DEVELOPING APPARATUS

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.*  
William M. Wannisky, Reg. No. 28,373  
Name of Person Signing Signature Date June 2, 2003  
Total number of pages including cover sheet, attachments, and documents: two (2)

WMW\tas

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PATENT  
REEL: 014139 FRAME: 0157

**JOINT**  
(BEFORE APPLICATION FILED)

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

FOR VALUE RECEIVED, WE, **Shinya Yamamoto, Tetsuya Kobayashi, Yasunari Watanabe, Yasuomi Aso and Masato Koyanagi**

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

**DEVELOPER REGULATING MEMBER AND DEVELOPING APPARATUS**

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: Shinya Yamamoto  
**Shinya Yamamoto**

Date: May 23, 2003

By: Tetsuya Kobayashi  
**Tetsuya Kobayashi**

Date: May 23, 2003

By: Yasunari Watanabe  
**Yasunari Watanabe**

Date: May 23, 2003

By: Yasuomi Aso  
**Yasuomi Aso**

Date: May 23, 2003

By: Masato Koyanagi  
**Masato Koyanagi**

Date: May 26, 2003

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

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