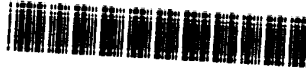


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CORDATION

Atty. Docket: 682.2619

To the Commissioner of Patents

Attached original documents or copy thereof.

Name and address of receiving party(ies):

1. Name of conveying party(ies):

Jinsho Matsuyama

Name: Canon Kabushiki Kaisha

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

Yes  No

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

MRD 6.9.98

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Domestic Address: \_\_\_\_\_

Execution Date: May 26, 1998

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: 09/009,738

Filing Date: January 20, 1998

B. Title of Invention: PROCESS FOR FORMING ZINC OXIDE FILM AND PROCESSES FOR PRODUCING SEMICONDUCTOR DEVICE SUBSTRATE AND PHOTO-ELECTRICITY GENERATING DEVICE USING THE FILM

Additional numbers attached?  Yes  No

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

Name: Fitzpatrick, Cella, Harper & Scinto  
277 Park Avenue  
New York, New York 10172-0194

Telephone No.: (212) 758-2400

Facsimile 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):

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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.*

06/16/1998 BSMITH 00000146 09009738

01-EC:581

40.00 GP

Laura A. Bauer  
Name of Person Signing

Laura A. Bauer  
Signature

June 8, 1998  
Date

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

**Assignment**

FOR VALUE RECEIVED

Jinsho MATSUYAMA

citizen(s) of Japan

residing at (respectively)

2-9-10 Kizugawadai, Kizucho, Souraku-gun, Kyoto-fu, 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

**PROCESS FOR FORMING ZINC OXIDE FILM AND PROCESSES FOR PRODUCING SEMICONDUCTOR  
DEVICE SUBSTRATE AND PHOTO-ELECTRICITY GENERATING DEVICE USING THE FILM**

and described in an application for Letters Patent of the United States filed on 20/JAN/1998 as Application No. 09/009,738 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 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 I 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 me.

AND I 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 I hereby covenant that I have the full right to convey the entire right, title and interest herein assigned and that I have not executed and will not execute any agreement in conflict herewith.

AND I hereby covenant and agree that I will communicate to said Assignee or nominees all facts known to me 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: Jinsho Matsuyama Date: May 26, 1998  
Jinsho MATSUYAMA

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

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