

03-04-2003



RECORDATION

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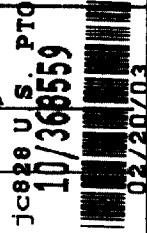
Atty. Docket: 03500.016953.

102379568

To the Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): 2.20.03
AKIRA SHIMAZU and HIRONOBU MIZUNO
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, Ohta-ku
Tokyo, Japan



3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: 2/7/03 and 2/10/03, respectively

Domestic Address: _____
City: _____ State _____
ZIP _____
Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s): 10368559
If this document is being filed together with a new application, the execution date of the application is: 2/7/03 and 2/10/03, respectively
A. Patent Application Number: NYA
Filing Date: FILED HEREWITH
Additional numbers attached? Yes No

B. Title of Invention: METHOD OF TRANSFORMING POLYMER FILM INTO CARBON FILM IN ELECTRON-EMITTING DEVICE

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):

03/04/2003 TDIARZ1 00000009 10368559
01 FC:0021 40.00 OP

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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.
Frank A. DeLucia (Reg. #42,476) [Signature] February 19, 2003
Name of Person Signing Signature Date

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

JOINT
(BEFORE APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, **Akira Shimazu and Hironobu Mizuno**

hercby 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

**METHOD OF TRANSFORMING POLYMER FILM INTO
CARBON FILM IN ELECTRON-EMITTING DEVICE**

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: Akira Shimazu
Akira Shimazu

Date: February 7, 2003

By: Hironobu Mizuno
Hironobu Mizuno

Date: February 10, 2003

By: _____

Date: _____

By: _____

Date: _____

By: _____

Date: _____

By: _____

Date: _____