

2-7-06

02-10-2006

Form-PTO-1595
1-31-92

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ACTION

Atty. Docket: 03500.125074

To the Director, U.S. Patent and Trademark Office

103175201

Original documents or copy thereof.

1. Name of conveying party(ies):

KATSUMI ABE
HIDEO HOSONO
TOSHIO KAMIYA
KENJI NOMURA

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

☐ Yes☒ No

3. Nature of conveyance:

☒ Assignment☐ Security Agreement☐ Other☐ Merger☐ Change of NameExecution Date: December 22, 2005; January 18, 2006;
January 19, 2006

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

Name: CANON KABUSHIKI KAISHA

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

Name: TOKYO INSTITUTE OF TECHNOLOGY

Foreign Address: 2-12-1, Ookayama, Meguro-ku
Tokyo, 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:

A. Patent Application Number: 11/269,646

Filing Date: November 9, 2005

B. Title of Invention:

ELECTRIC ELEMENTS AND CIRCUITS UTILIZING
AMORPHOUS OXIDES

02/09/2006 DBYRNE 00000185 11269646

01 FC:8021

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 10112-3800

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.

Peter Saxon (Reg. No. 24,947)

Name of Person Signing

Signature

February 7, 2007

Date

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

ASSIGNMENT

**FOR VALUE RECEIVED, WE Katsumi Abe, Hideo Hosono, Toshio Kamiya
and Kenji Nomura**

citizens of **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

and unto **TOKYO INSTITUTE OF TECHNOLOGY**
a corporation of **Japan**
having a place of business at **2-12-1, Ookayama, Meguro-ku, Tokyo, Japan**

its successors, assigns and legal representatives (hereinafter called the "Assignees"), the entire right, title, and interest, for all countries, in and to certain inventions relating to

ELECTRIC ELEMENTS AND CIRCUITS UTILIZING AMORPHOUS OXIDES

and described in an application for Letters Patent of the United States executed by us, and filed on **November 9, 2005** as **Application No. 11/269,646**, 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 all applications for Letters Patent or other grants of protection of proprietary rights including, but not limited to, inventor's certificate, utility model, utility certificate, patent of importation, registration of patent and industrial design registration which may be filed, and which may be granted, upon said inventions in any countries or regions foreign to the United States, and all reissues, renewals and extensions thereof; and we hereby authorize and request the Commissioner for Patents and Trademarks of the United States, and all officials of countries or regions foreign to the United States having authority to do so, to issue all such Letters Patent or other grants of protection upon said inventions to the Assignee or to such nominees as it may designate.

AND we authorize and empower the said Assignees or nominees to invoke and claim for any application for such Letters Patent or other grants of protection for said inventions filed by it or them, the benefit of the right of priority provided by the international Convention for the Protection of Industrial Property, as amended, or by a 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 and formal equivalent of any assignment, consent to file or like document which may be required in any country or region for any purpose and more particularly in proof of the right of the said Assignees 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 Assignees 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 Assignees or nominees in obtaining, maintaining, and enforcing all lawful patent or other grants of protection of said inventions in any and all countries and regions.

By: Katsumi Abe
Katsumi Abe

Date: December 22, 2005

By: Hideo Hosono
Hideo Hosono

Date: Jan 18, 2006

By: Toshio Kamiya
Toshio Kamiya

Date: January 19, 2006

By: Kenji Nomura
Kenji Nomura

Date: January 19, 2006