

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Shirofumi Yamagishi</td><td>07/17/2008</td></tr><tr><td>Hitoshi Chiyoma</td><td>07/17/2008</td></tr></tbody></table>		Name	Execution Date	Shirofumi Yamagishi	07/17/2008	Hitoshi Chiyoma	07/17/2008				
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>KABUSHIKI KAISHA TOSHIBA</td></tr><tr><td>Street Address:</td><td>1-1, Shibaura 1-chome, Minato-ku</td></tr><tr><td>City:</td><td>Tokyo</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>105-8001</td></tr></table>		Name:	KABUSHIKI KAISHA TOSHIBA	Street Address:	1-1, Shibaura 1-chome, Minato-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	105-8001
Name:	KABUSHIKI KAISHA TOSHIBA										
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<table border="1"><tr><td>Name:</td><td>Toshiba Electron Tubes &amp; Devices Co., Ltd.</td></tr><tr><td>Street Address:</td><td>1385, Shimoishigami, Otawara-shi</td></tr><tr><td>City:</td><td>Tochigi-ken</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr></table>		Name:	Toshiba Electron Tubes & Devices Co., Ltd.	Street Address:	1385, Shimoishigami, Otawara-shi	City:	Tochigi-ken	State/Country:	JAPAN		
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PROPERTY NUMBERS Total: 1											
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Application Number:	12490462										
CORRESPONDENCE DATA											
Fax Number: (703)770-7901 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 703-770-7900											
Email: fabienne.legrand@pillsburylaw.com											
Correspondent Name: PILLSBURY WINTHROP SHAW PITTMAN, LLP											
Address Line 1: P.O. BOX 10500											
Address Line 4: MCLEAN, VIRGINIA 22102											
ATTORNEY DOCKET NUMBER:	008312-0381152										

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PATENT  
REEL: 022866 FRAME: 0252

NAME OF SUBMITTER:

E. Rico Hernandez

Total Attachments: 2

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ASSIGNMENT

5GG300035-USA-A  
(07S1558P1)

In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

RADIATION DETECTOR

have sold and assigned and do hereby sell and assign to

1. KABUSHIKI KAISHA TOSHIBA, a Japanese corporation, having a business address at 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan; and
2. Toshiba Electron Tubes & Devices Co., Ltd., a Japanese corporation, having a business address at 1385, Shimoishigami, Otawara-shi, Tochigi-ken, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one) ☒ executed concurrently herewith  
☐ executed on \_\_\_\_\_ ;  
☐ Application No. \_\_\_\_\_ , filed \_\_\_\_\_ ;

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

Pillsbury Winthrop Shaw Pittman LLP, 1650 Tysons Boulevard Suite 1400 McLean, Virginia 22102-4859

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(07S1558P1)

[1st Inventor]

Residence Address: Nasushiobara-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,  
Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

*Shirofumi Yamagishi*

Shirofumi Yamagishi

*July 17, 2008*

Date:

[2nd Inventor]

Residence Address: Otawara-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,  
Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

*Hitoshi Chiyoma*

Hitoshi Chiyoma

*July 17, 2008*

Date: