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

Documents or copy thereof.

1. Name of conveying party(ies):  
**Shigeru SAKUTA**  
*12-12-06*  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
Name: **KABUSHIKI KAISHA TOSHIBA**

Internal Address:

3. Nature of conveyance/Execution Date(s):  
Execution Date: **November 30, 2006**  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other

Street Address: *1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan*

City:

State: Zip Code:

Additional name(s) & Address(es) attached?  
 Yes  No

4. Application number(s) or patent number(s):  
A. Patent Application Number(s): **11/524,251**  
Additional numbers attached?  Yes  No

This document is being filed together with a new application.  
B. Patent Number(s):  
 Yes  No

5. Name and address of to whom correspondence concerning document should be mailed:  
Name: Mr. Ernest F. Chapman  
*12/14/2006 DBYRNE 00000040 11524251*  
*01 FC:8021 40.00 OP*

6. Total number of applications and registrations involved: 1

7. Total fee (37 CFR 3.41): \$40  
 Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed (Please charge deficiency to deposit account)  
 None required (government interest not affecting title)

Internal Address: **FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.**  
Street Address: **901 New York Avenue, NW**  
City: **Washington, D.C.**  
State: Zip: **20001-4413**

8. Payment Information  
a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_  
b. Deposit Account No.: 06-0916  
Authorized User Name \_\_\_\_\_

9. Statement and signature.  
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  
Richard V. Burgujian  
Reg. No. 31,744  
*[Signature]*  
Signature **ERNEST F. CHAPMAN**  
December 12, 2006  
Date  
Total number of pages including cover sheet, attachments and documents: 3

SOLE INVENTION  
(U.S. Rights Only)

**ASSIGNMENT**

WHEREAS, I, the below named inventor, (hereinafter referred to as Assignor), have made an invention entitled:

**X-RAY CT APPARATUS, X-RAY DETECTOR AND METHOD OF MANUFACTURING  
X-RAY DETECTOR**

for which I executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on **September 21, 2006** (Serial No. \_\_\_\_\_); and

WHEREAS, **KABUSHIKI KAISHA TOSHIBA**, a corporation of Japan, whose post office address is *1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan* (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application,

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I, as assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I HEREBY authorize and request the attorneys I have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 11/524,251 filed **September 21, 2006**) the filing date and application number of said application when known.

**FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.**

IN TESTIMONY WHEREOF, I have hereunto set my hand.

**Assignor:**

**Shigeru SAKUTA**  
*c/o Intellectual Property Department*  
*Toshiba Corporation*  
*1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan*

Citizenship: Japan

Signature: Shigeru Sakuta

Date: November 30, 2006

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.