

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT | |
| NATURE OF CONVEYANCE: | ASSIGNMENT | |
| CONVEYING PARTY DATA | | |
| | Name | Execution Date |
| | YUKIO SAKO | 01/31/2017 |
| RECEIVING PARTY DATA | | |
| Name: | RIGAKU CORPORATION | |
| Street Address: | 9-12, MATSUBARA-CHO 3-CHOME, AKISHIMA-SHI | |
| City: | TOKYO | |
| State/Country: | JAPAN | |
| Postal Code: | 196-8666 | |
| PROPERTY NUMBERS Total: 1 | | |
| Property Type | Number | |
| Application Number: | 15458326 | |
| CORRESPONDENCE DATA | | |
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| ATTORNEY DOCKET NUMBER: | Q231565 | |
| NAME OF SUBMITTER: | QIANA GRAHAM, NEW APPLICATIONS DEPT | |
| SIGNATURE: | /Qiana Graham/ | |
| DATE SIGNED: | 03/15/2017 | |
| Total Attachments: 1 | | |
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Assignment

Whereas, I/We, SAKO, Yukio

hereinafter called assignor(s), have invented certain improvements in
X-RAY ANALYZING APPARATUS

and executed an application for Letters Patent of the United States of America
therefor on the date(s) indicated below ; and

Whereas,

RIGAKU CORPORATION

of 9-12, Matsubara-cho 3-chome,

Akishima-shi, TOKYO

196-8666 JAPAN

(assignee), desires to acquire the entire right, title, and interest in the application and
invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above
named assignee, its successors and assigns, the entire right, title and interest in the application
and the invention disclosed therein for the United States of America, including all divisions,
and continuations thereof, and all Letters Patent of the United States that may be granted
thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119,
and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters
Patent granted upon the invention set forth in the application to the assignee, its successors
and assigns; and I/we will execute without further consideration all papers deemed necessary
by the assignee in connection with the United States application when called upon to do so by
the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100
Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses
(Application number _____ and Confirmation number
_____, filed _____) the application
number and filing date of said application when known.

Date: Jan. 31, 2017

s/

Yukio Sako

Date:

s/

Date:

s/

Date:

s/

Date:

s/

Date:

s/

Date:

s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §264)

PATENT

RECORDED: 03/15/2017

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