PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Fuyuki TOKANAI	02/12/2008
Takahisa SAKURAI	02/12/2008
Shuichi GUNJI	02/12/2008
Takayuki SUMIYOSHI	02/13/2008
Teruyuki OKADA	02/14/2008
Tetsuro ENDO	02/14/2008
Yoshio FUJITA	02/18/2008

RECEIVING PARTY DATA

Name:	Japan Science and Technology Agency	
Street Address:	4-1-8, Honcho, Kawaguchi-shi	
City:	Saitama	
State/Country:	JAPAN	
Postal Code:	332-0012	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11989537

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 042715-5032

REEL: 023118 FRAME: 0088

\$40,00 1198953

PATENT

500940895

NAME OF SUBMITTER:	Robert J. Goodell
Total Attachments: 10 source=042715-5032_assignment#page1.tir source=042715-5032_assignment#page2.tir source=042715-5032_assignment#page3.tir source=042715-5032_assignment#page4.tir source=042715-5032_assignment#page5.tir source=042715-5032_assignment#page6.tir source=042715-5032_assignment#page7.tir	· · · · · · · · · · ·
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(U.S. Rights Only)

ASSIGNMENT

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

MICROCHANNEL PLATE, GAS PROPORTIONAL COUNTER AND IMAGING DEVICE

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on <u>January 28, 2008</u>, (Application No. _____) based on PCT/JP2006/315062; and

WHEREAS, Japan Science and Technology Agency, a corporation of Japan, whose post office ad dress is 4-1-8, Honcho, Kawaguchi-shi, Saitama 332-0012, Japan, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for Uraited States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), 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/OUR 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/WE 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/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US 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/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. _____, national stage filed January 28, 2008) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE h	ave hereunto set our hand(s).	
	Assignor's Signature	Date Feb/2, 2008 Citizenship
Full Name of Second Assignor Takahisa SAKURAI Address 2-3-15, Higashiaota, Yamagata-shi, Yam	Assignor's Signature	Japan Date 7.6 12, 2008
J 7 10, 111gasmaota, 1 amagata-sin, 1 am	agata 900-2423 Japan	Citizenship Japan
Names of additional inventors attached Yes	□ No	

1-WA/2913518.1

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Full Name of Fourth Assignor	Assignor's Signature	Japan Date
Takayuki SUMIYOSHI	1 losigilor o Digitalaro	Date
Address 4-8-34, Namiki, Tsukuba-shi, Ibarak	i 305-0044 Japan	Citizenship
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Full Name of Fifth Assignor	Assignor's Signature	
Teruyuki OKADA	Assignor's Signature	Date
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Shizuoka 435-0051 Japan	20-1, femile-che, frigasin-ku, framamaisu-sin,	Citizenship
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Tetsuro ENDO	Assignor's Signature	Date
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Adeness 38-2, Oolzumi-cho, Iwata-siii, Siiizt	10Ka 438-00 44 Japan	Citizenship
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Full Name of Seventh Assignor	Assignor's Signature	Date
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		Japan
Full Name of Eighth Assignor	Assignor's Signature	Date
Address		Citizenship
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Full Name of Ninth Assignor	Assignor's Signature	Date
	3	Pare
Address		Citizenship
		Citizenship
Full Name of Tenth Assignor	Assignor's Signature	Date
	rissignors organization	Date
Address		Citizenship
		Citizenship
Full Name of Eleventh Assignor	Assistantale Ciamatana	
t dir Traine of Electrical Assignat	Assignor's Signature	Date
Address		
1441 055		Citizenship
Names of additional inventors attached	Yes 🕅 No	
values of additional inventors attached	Yes IXINO	1

ATTORNEY DOCKET NO.: 042715-5032 SOLE/JOINT INVENTION (U.S. Rights Only)

ASSIGNMENT

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

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AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US 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.

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IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s). Date Assignor's Signature Full Name of Sole or First Assignor Fuvuki TOKANAI Address 4-1-62-101, Shimojou-machi, Yamagata-shi, Yamagata 990-0823 Japan Citizenship Japan Date Assignor's Signature Full Name of Second Assignor Takahisa SAKURAI Address 2-3-15, Higashiaota, Yamagata-shi, Yamagata 900-2423 Japan Citizenship Japan ☐ No Names of additional inventors attached \(\sum Yes \)

1-WA/2913518.1

Full Name of Third Assignor Shuichi GUNJI	Assignor's Signature	Date
Address 2-2-6-501, Iidanishi, Yamagata-shi, Yamagata 990-2331 Japan		Citizenship Japan
Full Name of Fourth Assignor Takayuki SUMIYOSHI	Assignor's Signature J. Sumiyoshi 305-0044 Japan	Date 13. Feb., 2008
		Citizenship Japan
Full Name of Fifth Assignor Teruyuki OKADA	Assignor's Signature	Date
Shizuoka 435-0051 Japan	6-1, Ichino-cho, Higashi-ku, Hamamatsu-shi,	Citizenship Japan
Full Name of Sixth Assignor Tetsuro ENDO	Assignor's Signature	Date
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Full Name of Seventh Assignor Yoshio FUJITA	Assignor's Signature	Date
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Full Name of Eighth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Ninth Assignor	Assignor's Signature	Date
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Full Name of Tenth Assignor	Assignor's Signature	Date
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Address 4-1-62-101, Shimojou-machi, Yan	nagata-shi, Yamagata 990-0823 Japan	Citizenship Japan
Full Name of Second Assignor Takahisa SAKURAI	Assignor's Signature	Date
Address 2-3-15, Higashiaota, Yamagata-sl	ni, Yamagata 900-2423 Japan	Citizenship Japan
Names of additional inventors attached XY	es	

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Takavuki SUMIYOSHI	1 toolghol o Digitature	Date
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Tetsuro ENDO	Assignor's Signature	Date
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TO BLAY COURT A		Japan
Full Name of Fifth Assignor Teruyuki OKADA	Assignor's Signature	Date
	l, Ichino-cho, Higashi-ku, Hamamatsu-shi,	
Shizuoka 435-0051 Japan	1, ichino-cho, Higashi-ku, Hamamatsu-shi,	Citizenship
		Japan
Full Name of Sixth Assignor Tetsuro ENDO	Assignor's Signature 英弟节朗	Date Help. 14, 2008
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Address 38-2, Ooizumi-cho, Iwata-shi, Shizuoka 438-0044 Japan		Citizenship Japan
Full Name of Seventh Assignor Yoshio FUJITA	Assignor's Signature Yoshio Frijila	Date Freb. 18. 2008
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RECORDED: 08/19/2009