### PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
Kazuki FUJITA	07/22/2010
Harumichi MORI	07/22/2010
Ryuji KYUSHIMA	07/22/2010
Masahiko HONDA	07/22/2010

#### **RECEIVING PARTY DATA**

Name:	HAMAMATSU PHOTONICS K.K.	
Street Address:	1126-1, Ichino-cho, Higashi-ku	
City:	Hamamatsu-shi, Shizuoka	
State/Country:	JAPAN	
Postal Code:	435-8558	

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12864575

#### **CORRESPONDENCE DATA**

Fax Number: (202)204-0289

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 202-842-8800

Email: joann.ennis@dbr.com

Correspondent Name: DRINKER BIDDLE & REATH (DC)

Address Line 1: 1500 K STREET, N.W.

Address Line 2: SUITE 1100

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005-1209

ATTORNEY DOCKET NUMBER:	46884-5794 (455543)	
NAME OF SUBMITTER:	Peter J. Sistare	

Total Attachments: 1

PATENT REEL: 025163 FRAME: 0194 OF \$40.00 1286457

501324803

source=46884\_5794\_\_assignment\_20101019#page1.tif

PATENT REEL: 025163 FRAME: 0195

# **ASSIGNMENT**

Name:  Kazuki FUJITA  2):  Harumichi MORI			710010	SI ATALVET A S		•
to be Hamamatsu Photonica K.K.  1128-1, Ichino-che, Higashi-ku, Hamamatsu-shi, Shizuoka 435-8558 Japan  do Hamamatsu-shi, Shizuoka 435-8558 Japan  harainafter called assignor(s), have invented cortain improvements in  SOLID-STATE IMAGER AND X-RAY CT APPARATUS INCLUDING SAME  and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below:  filled on		Whereas, I/we,				
1126-1, Ichino-cho, Higashi-ku, Hamamatsu-shi, Shizuoka 435-8558 Japan co Hamamatsu-shi, Shizuoka 435-8558 Japan co Hamamatsu-shi, Shizuoka 435-8558 Japan co Hamamatsu-shi, Shizuoka 435-8559 Japan co Hamamatsu-shi, Shizuoka 435-8558 Japan c		<u>Name</u>	<u>A</u>	<u>ddress</u>		
Hammanistu-inity   Shizuoka 435-8558 Japan   Italian			c/o Hamamatsu Photonics	K.K.,		
co Haramatos Photonics K.K.  1126-1, Ichino-cho, Higashi-ku, Haramantsus-shi, Shizuoka 435-8558 Japan co Haram	1)	Kazuki FUJITA	1126-1, Ichino-cho, H Hamamatsu-shi, Shiz	igashi-ku, uoka 435-8558 Japa	n	
Hammanistus-shi, Shizuloka 435-8558 Japan co Hammanistus-shi, Shizuloka 435-8558 Japan levianterior and the special section of the United States of America therefor on even date herewith unless otherwise indicated below:    1128-1, Ichino-cho, Higashi-ku, Hammanistus-shi, Shizuloka 435-8558 Japan   (assignes), 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, be it known that, for good and valuable consideration from assignee, the receipt of which is horeby acknowledged, IWE, 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, and set over unto the assignee, its lawful successors and assigns, and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granited thereon, and all reisuses thereof; and IWE hereby auditorize 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, IWE HEREBY therefore coverant and agree that IWE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention						
co Hamamatsu Photonics K.K.  1128-1, Ichino-cho, Higashi-ku, Hamamatsu-shi, Shizuoka 435-8558 Japan co Hamamatsu-shi, Shizuoka 435-8558 Japan hereinafter called assignor(s), have invented certain improvements in SOLID-STATE IMAGER AND X-RAY CT APPARATUS INCLUDING SAME  and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below:  filed on	2)	Harumichi MORI			1	
Hamamatsu-shi, Shizuoka 435-8558 Japan  do Hamamatsu-shi, Shizuoka 435-8558 Japan  126-1, Ichino-cho, Higashi-ku, Hamamatsu-shi, Shizuoka 435-8558 Japan  hereinafter called assignor(s), have invented certain improvements in  SOLID-STATE IMAGER AND X-RAY CT APPARATUS INCLUDING SAME  and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below:  filed on					1	
do Hamansabus Photonica KK.  1126-1, Ichino-cho, Higashi-ku. Hamansabu-shi, Shizuoka 435-8558 Japan hereinafter called assignor(s), have invented certain improvements in SOLID-STATE IMAGER AND X-RAY CT APPARATUS INCLUDING SAME  and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below:    filed on	3)	Ryuji KYUSHI <b>M</b> A	1126-1, Ichino-cho, Hi	igashi-ku, uoka 435-8558, lana		
1126-1, Ichino-cho, Higashi-ku, Harnamatsu-shi, Shizuoka 435-8558 Japan  hereinafter called assignor(s), have invented certain improvements in SOLID-STATE IMAGER AND X-RAY CT APPARATUS INCLUDING SAME  and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below:  filed on						
and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below:    Filed on	4)	Masahiko HONDA	1126-1, Ichino-cho, Hi	igashi-ku,	1	
Whereas  HAMAMATSU PHOTONICS K.K.  1126-1, Ichino-cho, Higashi-ku, Hamamatsu-shi, Shizuoka 435-8558 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, be it known that, for good and valuable consideration from assignee, the receipt of which 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, 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.    NOWENTORS	an	d executed an application for L			a therefor on even date	herewith unless
Whereas  HAMAMATSU PHOTONICS K.K.  1126-1, Ichino-cho, Higashi-ku, Hamamatsu-shi, Shizuoka 435-8558 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, be it known that, for good and valuable consideration from assignee, the receipt of which 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, MYOL 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/I/S 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, exocute 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.    INVENTORS			July 26, 2010	. Serial No.	12/864575	: and
1126-1, Ichino-cho, Higashi-ku, Hamamatsu-shi, Shizuoka 435-8558 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, be it known that, for good and valuable consideration from assignee, the receipt of which is hereby acknowledged, IWE, 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 IWE 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.    Name:   Harumichi MORI		Whereas				, ~
patents to be obtained therefor;  NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which 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 II/WE nerely and all Letters Patent of the United States which may be granted thereon, and all resisues 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.    Name:   Kazuki FUJITA		1126-1, lchino-c	cho, Higashi-ku,	an		
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.    INVENTORS	her tra this wh Par ass	NOW THEREFORE, be it k reby acknowledged, I/WE, as a nsfer, and set over unto the ass invention and this application, ich may be granted thereon, ar tents and Trademarks of the Usigns, in accordance with the team.  AND, I/WE HEREBY furthe signee, its successors and assisted and signer and signer.	assignor(s), have sold, assignee, its lawful success, and all divisions, and cond all reissues thereof; an ited States to issue all Lerms of this Assignment; or covenant and agree that gns, any facts known to be when called upon to do s	signed, transferred fors and assigns, Natinuations thereous ad I/WE hereby aut etters Patent for the t I/WE will, without ME/US respecting so, execute and de	I, and set over, and do had a	ereby sell, assign, and interest in and to of the United States Commissioner of , its successors and communicate with in any legal be necessary or
1): Magnho Frista  Name: Kazuki FUJITA  2): Herumichi MORI  3): Kyuji Kyushina  Name: Ryuji KYUSHIMA  4): Masahiko Honda  22/July/2010  22/July/2010	cor suc	ntinuation, and reissue applicat ocessors and assigns, to obtain derstood that any expense incid	ions, make all rightful oat n and enforce proper pate	hs and generally dent protection for the	o everything possible to is invention in the United	aid assignee, its d States. it being
Name:  Kazuki FUJITA  2):  Herum In To 10  Name:  Name:  Kazuki FUJITA  22/Jul /2010  22/July/2010  Name:  Ryuji Kyushina  4):  Mas ahiko Honda  22/July/2010		INVENTORS			DATE S	SIGNED
Name:  Kazuki FUJITA  2):  Harumichi MORI  3):  Kyuji Kyushina  Ryuji KYUSHIMA  4):  Masahiko Honda  22/ July /2010	1):					July /2010
3): Kyuji Kyushina 22/July/2010 Name: Ryuji KYUSHIMA 4): Masahiko Honda 22/July/2010	2):	Horn	old bor			~ ( (
Name: Ryuji KYUSHIMA  4): Masahiko Itonda 22/ July /2000	3):	Kyaji	Kyushina		22/	July /2010
			. 1. 1		22 / 7	4 / / -:
			Masahiko HONDA			7/2010

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)

Page 1 of 1

**RECORDED: 10/19/2010** 

REEL: 025163 FRAME: 0196