#### 07/19/2017 504463501

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4510203

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TAKASHI SEKINE	07/04/2017
YOSHINORI KATO	07/06/2017
YOSHINORI TAMAOKI	07/10/2017
TAKASHI KURITA	07/06/2017
TOSHIYUKI KAWASHIMA	07/10/2017
TAKAAKI MORITA	07/06/2017

### **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:	15544613	

#### **CORRESPONDENCE DATA**

Fax Number: (202)204-0289

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 202-842-8800

Email: dcpatentfiling@dbr.com

DRINKER BIDDLE & REATH (DC) **Correspondent Name:** 

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

Address Line 2: **SUITE 1100** 

Address Line 4: WASHINGTON, D.C. 20005-1209

ATTORNEY DOCKET NUMBER:	046884-6475-00-US-565513
NAME OF SUBMITTER:	PETER J. SISTARE
SIGNATURE:	/Peter J. Sistare/
DATE SIGNED:	07/19/2017

**PATENT** REEL: 043042 FRAME: 0375 504463501

## **Total Attachments: 2**

source=046884\_6475\_assignment#page1.tif

source=046884\_6475\_assignment#page2.tif

PATENT REEL: 043042 FRAME: 0376

# **ASSIGNMENT**

Wh	ereas, I/we,	
	<u>Name</u>	<u>Address</u>
		c/o Hamamatsu Photonics K.K.,
1)	Takashi SEKINE	1126-1, Ichino-cho, Higashi-ku,
		Hamamatsu-shi, Shizuoka 435-8558 Japan
۵١	Vallani ZATO	c/o Hamamatsu Photonics K.K.,
2)	Yoshinori KATO	1126-1, Ichino-cho, Higashi-ku, Hamamatsu-shi, Shizuoka 435-8558 Japan
		c/o Hamamatsu Photonics K.K.,
3)	Yoshinori TAMAOKI	1126-1, Ichino-cho, Higashi-ku,
٠,		Hamamatsu-shi, Shizuoka 435-8558 Japan
	Annual Control of the	c/o Hamamatsu Photonics K.K.,
4)	Takashi KURITA	1126-1, Ichino-cho, Higashi-ku,
		Hamamatsu-shi, Shizuoka 435-8558 Japan
~\	m z v vyzasti ovytke	c/o Hamamatsu Photonics K.K.,
5)	Toshiyuki KAWASHIMA	1126-1, Ichino-cho, Higashi-ku, Hamamatsu-shi, Shizuoka 435-8558 Japan
		c/o Hamamatsu Photonics K.K.,
6)	Takaaki MORITA	1126-1, Ichino-cho, Higashi-ku,
٠,	1 WILLIAM 1 (1 D 1 L 1 L 1 L 1 L 1 L 1 L 1 L 1 L 1 L	Hamamatsu-shi, Shizuoka 435-8558 Japan
	l executed an application for Letters icated below:	s Patent of the United States of America therefor on even date herewith unless otherwise
		, Serial No; and
	Whereas	
	HAMAMATSU PHOTON	ICS K K
		o-cho, Higashi-ku,
		ni, Shizuoka 435-8558 Japan
		<del>-</del>
•	signee), desires to acquire the entire ents to be obtained therefor;	e right, title and interest in the application and invention, and to any United States
1	NOW THEREFORE, be it know	yn that, for good and valuable consideration from assignee, the receipt of which is
ner		on that, for good and valuable consideration from assignee, the receipt of which is
	eby acknowledged, I/WE, as assign	nor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer
and	eby acknowledged, I/WE, as assign I set over unto the assignee, its law	nor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer ful successors and assigns, MY/OUR entire right, title, and interest in and to this
and inv	eby acknowledged, I/WE, as assign d set over unto the assignee, its law ention and this application, and all	nor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer ful successors and assigns, MY/OUR entire right, title, and interest in and to this divisions, and continuations thereof, and all Letters Patent of the United States which
and inv may	eby acknowledged, I/WE, as assign d set over unto the assignee, its law ention and this application, and all y be granted thereon, and all reissu	nor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer ful successors and assigns, MY/OUR entire right, title, and interest in and to this divisions, and continuations thereof, and all Letters Patent of the United States which es thereof, and I/WE hereby authorize and request the Commissioner of Patents and
and inv may Tra	eby acknowledged, I/WE, as assign I set over unto the assignee, its law ention and this application, and all y be granted thereon, and all reissundemarks of the United States to iss	nor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer ful successors and assigns, MY/OUR entire right, title, and interest in and to this divisions, and continuations thereof, and all Letters Patent of the United States which es thereof, and I/WE hereby authorize and request the Commissioner of Patents and are all Letters Patent for this invention to assignee, its successors and assigns, in
and inv may Tra	reby acknowledged, I/WE, as assign d set over unto the assignee, its law ention and this application, and all y be granted thereon, and all reissu- ademarks of the United States to iss cordance with the terms of this Assi	nor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer ful successors and assigns, MY/OUR entire right, title, and interest in and to this divisions, and continuations thereof, and all Letters Patent of the United States which es thereof, and I/WE hereby authorize and request the Commissioner of Patents and nue all Letters Patent for this invention to assignee, its successors and assigns, in gnment;
and inve may Tra	reby acknowledged, I/WE, as assign d set over unto the assignee, its law ention and this application, and all y be granted thereon, and all reissu- ademarks of the United States to iss cordance with the terms of this Assi	nor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer ful successors and assigns, MY/OUR entire right, title, and interest in and to this divisions, and continuations thereof, and all Letters Patent of the United States which es thereof, and I/WE hereby authorize and request the Commissioner of Patents and nue all Letters Patent for this invention to assignee, its successors and assigns, in gnment;
and inv may Tra acc	the by acknowledged, I/WE, as assign it set over unto the assignee, its law ention and this application, and all by be granted thereon, and all reissu- ademarks of the United States to iss cordance with the terms of this Assi AND, I/WE HEREBY further of	nor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer ful successors and assigns, MY/OUR entire right, title, and interest in and to this divisions, and continuations thereof, and all Letters Patent of the United States which es thereof, and I/WE hereby authorize and request the Commissioner of Patents and the all Letters Patent for this invention to assignee, its successors and assigns, in garment; we we will, without further consideration, communicate with
and inverse may Tra acc	the by acknowledged, I/WE, as assign a set over unto the assignee, its law tention and this application, and all by be granted thereon, and all reissurdemarks of the United States to issurdance with the terms of this Assignation AND, I/WE HEREBY further clignee, its successors and assigns, at	nor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer ful successors and assigns, MY/OUR entire right, title, and interest in and to this divisions, and continuations thereof, and all Letters Patent of the United States which es thereof, and I/WE hereby authorize and request the Commissioner of Patents and nue all Letters Patent for this invention to assignee, its successors and assigns, in gnment; ovenant and agree that I/WE will, without further consideration, communicate with my facts known to ME/US respecting this invention and testify in any legal proceeding,
and inverse Tra acc	reby acknowledged, I/WE, as assign as set over unto the assignee, its law tention and this application, and all y be granted thereon, and all reissuademarks of the United States to issurdance with the terms of this Assi AND, I/WE HEREBY further clignee, its successors and assigns, an all lawful papers when called upon	nor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer ful successors and assigns, MY/OUR entire right, title, and interest in and to this divisions, and continuations thereof, and all Letters Patent of the United States which es thereof, and I/WE hereby authorize and request the Commissioner of Patents and nue all Letters Patent for this invention to assignee, its successors and assigns, in grannent; evenant and agree that I/WE will, without further consideration, communicate with my facts known to ME/US respecting this invention and testify in any legal proceeding, on to do so, execute and deliver all papers that may be necessary or desirable to perfect
and inverse Tra acc assi sign the	reby acknowledged, I/WE, as assign a set over unto the assignee, its law tention and this application, and all y be granted thereon, and all reissuademarks of the United States to issurdance with the terms of this Assignee, its successors and assigns, an all lawful papers when called upon title to this invention in said assign.	nor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer ful successors and assigns, MY/OUR entire right, title, and interest in and to this divisions, and continuations thereof, and all Letters Patent of the United States which es thereof, and I/WE hereby authorize and request the Commissioner of Patents and are all Letters Patent for this invention to assignee, its successors and assigns, in germent; sevenant and agree that I/WE will, without further consideration, communicate with my facts known to ME/US respecting this invention and testify in any legal proceeding, on to do so, execute and deliver all papers that may be necessary or desirable to perfect see, its successors and assigns, execute all divisional, continuation, and reissue
and inverse assignation approximately assignated approximately approxima	reby acknowledged, I/WE, as assign a set over unto the assignee, its law tention and this application, and all y be granted thereon, and all reissure ademarks of the United States to issured accordance with the terms of this Assignee, its successors and assigns, as an all lawful papers when called upon title to this invention in said assign polications, make all rightful oaths and sessions.	nor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, ful successors and assigns, MY/OUR entire right, title, and interest in and to this divisions, and continuations thereof, and all Letters Patent of the United States which es thereof, and I/WE hereby authorize and request the Commissioner of Patents and ane all Letters Patent for this invention to assignee, its successors and assigns, in gament; sevenant and agree that I/WE will, without further consideration, communicate with my facts known to ME/US respecting this invention and testify in any legal proceeding, on to do so, execute and deliver all papers that may be necessary or desirable to perfect see, its successors and assigns, execute all divisional, continuation, and reissue and generally do everything possible to aid assignee, its successors and assigns, to obtain
and inverse assignment and assignment assignment approaches a proper and a proper a proper and a proper and a proper and a proper a proper and a proper a	reby acknowledged, I/WE, as assign is set over unto the assignee, its law ention and this application, and all y be granted thereon, and all reissuademarks of the United States to issuademarks of	nor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer ful successors and assigns, MY/OUR entire right, title, and interest in and to this divisions, and continuations thereof, and all Letters Patent of the United States which es thereof, and I/WE hereby authorize and request the Commissioner of Patents and are all Letters Patent for this invention to assignee, its successors and assigns, in gament; sovenant and agree that I/WE will, without further consideration, communicate with my facts known to ME/US respecting this invention and testify in any legal proceeding, on to do so, execute and deliver all papers that may be necessary or desirable to perfect are, its successors and assigns, execute all divisional, continuation, and reissue and generally do everything possible to aid assignee, its successors and assigns, to obtain for this invention in the United States, it being understood that any expense incident to the
and inverse assignment and assignment assignment approaches a proper and a proper a proper and a proper and a proper and a proper a proper and a proper a	the by acknowledged, I/WE, as assign a set over unto the assignee, its law tention and this application, and all y be granted thereon, and all reissuratemarks of the United States to issurdance with the terms of this Assignee, its successors and assigns, an all lawful papers when called upon title to this invention in said assignolications, make all rightful oaths and enforce proper patent protection frecution of such papers shall be borrown.	nor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, ful successors and assigns, MY/OUR entire right, title, and interest in and to this divisions, and continuations thereof, and all Letters Patent of the United States which es thereof, and I/WE hereby authorize and request the Commissioner of Patents and are all Letters Patent for this invention to assignee, its successors and assigns, in germent; sevenant and agree that I/WE will, without further consideration, communicate with my facts known to ME/US respecting this invention and testify in any legal proceeding, on to do so, execute and deliver all papers that may be necessary or desirable to perfect see, its successors and assigns, execute all divisional, continuation, and reissue

If the event that the patent application thing date of serial humber is not known at the time this Assignment is executed, I/WE hereby grant permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this Assignment after such information is added.

1): DATE SIGNED
2017/17/4
Name: Takashi SEKINE

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

2):	Goskinori Rale	2017/7/6
Name:	Yoshinori KATO	
3):	Joshinori Tamaoki	2017/7/10
Name:	Yoshinori TAMAOKI	
4):	Takashi Kurtta	20/7/7/6
Name:	Takashi KURITA	,
5): _	Toshiyuke Kawashima	2017/7/10
Name:	Toshiyuki KAWASHIMA	
6):	Fakuaki Morita	2017 /7 /6
Name:	Takaaki MORITA	

REEL: 043042 FRAME: 0378