504497833 08/10/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MASATOSHI ISHIHARA	06/26/2017
HIROO YAMAMOTO	06/26/2017
YOSHIAKI OHSHIGE	06/26/2017

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:	15550127

CORRESPONDENCE DATA

Fax Number: (202)842-8465

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.

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ATTORNEY DOCKET NUMBER:	046884-6469-00-US-564858
NAME OF SUBMITTER:	PETER J. SISTARE
SIGNATURE:	/Peter J. Sistare/
DATE SIGNED:	08/10/2017

Total Attachments: 1

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PATENT REEL: 043258 FRAME: 0016 504497833

Whereas, I/we, Name Address // Hamamatsu-shi, Shizuoka 435-858 Iapan // Hiroo YAMAMOTO // Horizo Hamamatsu-shi, Shizuoka 435-858 Iapan // Whereas // Hamamatsu-shi, Shizuoka 435-858 Iapan // Hamamatsu-shi, Shizuoka 435-858 Iapan // Whereas // Hamamatsu-shi, Shizuoka 435-858 Iapan // Ham	Name	<u>Address</u>
c/o Hamamatau Photonics K.K., 1126-1, Ichino-cho, Higashi-ku, Hamamatau-shi, Shizuoka 435-8558 Japan c/o Hamamatau Photonics K.K., 1126-1, Ichino-cho, Higashi-ku, Hamamatau-shi, Shizuoka 435-858 Japan c/o Hamamatau Photonics K.K., 1126-1, Ichino-cho, Higashi-ku, Hamamatau-shi, Shizuoka 435-858 Japan c/o Hamamatau Photonics K.K., 1126-1, Ichino-cho, Higashi-ku, Hamamatau-shi, Shizuoka 435-858 Japan hereinafter called assignor(s), have invented certain improvements in INFRARED DETECTION DEVICE and executed an application for Letters Patent of the United States of America therefor on even date herewith unless othe indicated below: filed on , Serial No. ; au 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, J/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, tra 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 whi may be granted thereon, and all reissues thereof, and I/WE hereby authorize and request the Commissioner of Patents an 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;	National Of 1971 to the	Address
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and enforce proper patent protection for this invention in the United States, it being understood that any expense incident), desires to acquire the enti- be be obtained therefor; W THEREFORE, be it knowknowledged, I/WE, as assigner unto the assignee, its law and this application, and all ranted thereon, and all reissuchs of the United States to is ce with the terms of this Assign, I/WE HEREBY further its successors and assigns, and assigns, and this invention in said assigns, make all rightful oaths a	own that, for good and valuable consideration from assignee, the receipt of which is mor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and 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 uses thereof, and I/WE hereby authorize and request the Commissioner of Patents and sue all Letters Patent for this invention to assignee, its successors and assigns, in signment; covenant and agree that I/WE will, without further consideration, communicate with any 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 nee, its successors and assigns, execute all divisional, continuation, and reissue and generally do everything possible to aid assignee, its successors and assigns, to obtain
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June . 26 . 2017 3): Yoshiaki OHSHIGE Name:

> (Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261) Page 1 of 1

DATE SIGNED Jun. 26. 2017

1): Name:

2): Name: