

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TOKYO ELECTRON LIMITED	03/30/2021
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
Patent Number:	8416920
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ATTORNEY DOCKET NUMBER:	046884-5805-00-US-458000
NAME OF SUBMITTER:	JOHN G. SMITH
SIGNATURE:	/John G. Smith/
DATE SIGNED:	04/13/2021
Total Attachments: 2	
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ASSIGNMENT

WHEREAS THIS ASSIGNMENT is by Tokyo Electron Limited, having a principal place of business at 3-1 Akasaka 5-chome, Minato-ku, Tokyo 107-6325 Japan (hereinafter referred to as "the Assignor");

WHEREAS, the Assignor is an owner at least in part of certain new and useful improvements and the invention set forth in U.S. Patent No. 8,416,920 B2, which issued in the United States on April 9, 2013;

WHEREAS, Hamamatsu Photonics K.K., having a principal place of business at 1126-1, Ichino-cho, Higashi-ku, Hamamatsu-shi, Shizuoka 435-8558 Japan (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said invention, the right to file any application on said invention and the entire right, title and interest in and to any patent application, including any provisional application for Letters Patent of the United States or other applications claiming priority to any such application, and in and to any Letters Patent or Patents of the United States or foreign, to be obtained therefor and thereon, to the extent currently owned by the Assignor;

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, its entire right, title, and interest in and to the above-mentioned invention, the right to file applications on said invention and the entire right, title, and interest in and to any patent application, and any and all Letters Patent or Patents that may be granted therefor and thereon, and in and to any and all applications, and reissues and extensions of said Letters Patent or Patents, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;

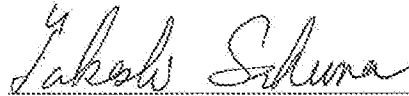
AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, Assignor is a lawful owner at least in part of the entire right, title, and interest in and to the invention set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are encumbered, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representative, and assigns that the Assignor will, whenever counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said invention or said applications for Letters Patent or Patents, or any

proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for the invention, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of that Assignee, its successors, legal representatives, and assigns;

AND the Assignor hereby requests the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said invention, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

DATE 3.30.2021



Name: Takeshi SAKUMA
Title: Vice President, Corporate Intellectual Property
TOKYO ELECTRON LIMITED