503895876 06/29/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3942526

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------|----------------|
| DIRK WOLL | 06/16/2016 |

RECEIVING PARTY DATA

| Name: | KLA-TENCOR CORPORATION | |
|-----------------|------------------------|--|
| Street Address: | ONE TECHNOLOGY DR. | |
| City: | MILPITAS | |
| State/Country: | CALIFORNIA | |
| Postal Code: | Postal Code: 95035 | |

PROPERTY NUMBERS Total: 2

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15197715 |
| Application Number: | 62187739 |

CORRESPONDENCE DATA

Fax Number:

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.

Email: nlucek@hodgsonruss.com

Correspondent Name: NATHANIEL LUCEK
Address Line 1: HODGSON RUSS LLP
Address Line 2: 140 PEARL ST., SUITE 100
Address Line 4: BUFFALO, NEW YORK 14202

| ATTORNEY DOCKET NUMBER: 078697.00024 | |
|--------------------------------------|-------------------------|
| NAME OF SUBMITTER: | NATHANIEL LUCEK |
| SIGNATURE: | /nathaniel lucek 60766/ |
| DATE SIGNED: | 06/29/2016 |

Total Attachments: 2

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PATENT 503895876 REEL: 039047 FRAME: 0894

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, Dirk Woll, residing at 4956 Mise Avenue, San Jose, California 95124, the undersigned

Hereby sells, assigns and transfers to KLA-Tencor Corporation, having a place of business One Technology Drive, Milpitas, California 95035, its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions disclosed in the following patent application:

| Country | Patent Application No. | Filing Date | Title |
|---------|------------------------|-------------|---|
| US | 62/187,739 | 07/01/2015 | Power-Scalable Nonlinear Optical Wavelength Converter With Independent Optimization Capability for the Beam Size in the Nonlinear Crystal and the Rayleigh Range of the Wavelength-Converted Beam |

And in and to said application and all applications that claim priority to the aforementioned application including all non-provisional, divisional, continuation, reissue, and continuation-in-part applications, or national or regional phase applications thereof, which have been or shall be filed in the United States and all foreign countries on any of said inventions; all rights of priority to any of the aforementioned applications; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions;

Agrees that said Assignee may apply for and receive Patents for said inventions in its own name; and agrees that, when requested, shall execute all rightful oaths or declarations, assignments, powers of attorney, and other papers and generally do everything possible which

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said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining, and enforcing proper patent protection for said inventions; and

Covenants with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 06/16/2016

Dirk Woll

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