PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6030459

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| STEVEN R MAYNARD | 03/25/2020 |

RECEIVING PARTY DATA

| Name: | IPG PHOTONICS CORPORATION | |
|-----------------|--|--|
| Street Address: | IPG PHOTONICS CORPORATION, 50 OLD WEBSTER ROAD | |
| City: | OXFORD | |
| State/Country: | MASSACHUSETTS | |
| Postal Code: | 01540 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15580931 |

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.

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| ATTORNEY DOCKET NUMBER: | P15174/US1 |
|-------------------------|-----------------|
| NAME OF SUBMITTER: | TARYN ANTALEK |
| SIGNATURE: | /TARYN ANTALEK/ |
| DATE SIGNED: | 03/25/2020 |

Total Attachments: 1

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PATENT 505983751 REEL: 052221 FRAME: 0727

ASSIGNMENT OF PATENT RIGHTS

In consideration of One Dollar (\$1,00) and other good and valuable consideration, receipt of which is hereby acknowledged, I.

Steven R. Maynard, residing in Dudley, MA, citizen of the USA

Hereby sell and assign to:

IPG Photonics Corporation, a Delaware Corporation having its principal place of business at 50 Old Webster Road, Oxford, MA 01540.

Its successors and assigns, for the territory of the United States of America and for all foreign countries, my entire right, title and interest in and to the improvements in

LASER BEAM ENERGY MODIFICATION TO REDUCE BACK-WALL STRIKES DURING LASER DRILLING

Invented by me, and the application for United States Letters Patent thereof, executed concurrently herewith, and all original and reisaued patents granted thereof, and all divisions and continuations thereof, including the subject matter of any and all claims which may be obtained in every such patent, and all priority rights under the International Convention for the Protection of Industrial Property for every country of the Union, and all applications for Letters Patent which hereinafter be filed for said improvements in any country or countries foreign to the United States, and all extensions, renewals, and reisaues thereof, and covenant that I have full right so to do, and agree that I will communicate to said Company or its representatives all facts known to me respecting said improvements, whenever requested, and sign all lawful papers, execute all divisional, continuing, reisaue and foreign applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns and nominees, to obtain proper patent protection for said improvements in all countries.

Name: Steven R. Maynard

3/25/2020 Date

> PATENT REEL: 052221 FRAME: 0728