PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4795670

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Malte Kumkar	05/31/2017
Jonas Kleiner	05/31/2017
Daniel Grossmann	06/21/2017
Daniel Flamm	06/01/2017
Myriam Kaiser	06/12/2017

RECEIVING PARTY DATA

Name:	TRUMPF LASER- UND SYSTEMTECHNIK GMBH
Street Address:	JOHANN-MAUS-STRASSE 2
City:	DITZINGEN
State/Country:	GERMANY
Postal Code:	71254

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15598816

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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: (212) 641-2285 Email: apsi@fr.com **Correspondent Name:** RICHARD WONG

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Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	15540-0532001	
NAME OF SUBMITTER:	CHERYL A. FORREST	
SIGNATURE:	/Cheryl A. Forrest/	
DATE SIGNED:	01/26/2018	

Total Attachments: 3

PATENT REEL: 044740 FRAME: 0091 source=Assign0532001#page1.tif source=Assign0532001#page2.tif source=Assign0532001#page3.tif

> PATENT REEL: 044740 FRAME: 0092

Attorney Docket No.: 15540-0532001 / TDE007-28398WUS

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, MALTE KUMKAR, JONAS KLEINER, DANIEL GROSSMANN, DANIEL FLAMM, and MYRIAM KAISER, each individually assign to TRUMPF LASER- UND SYSTEMTECHNIK GMBH, a corporation formed under the laws of Germany and having a principal place of business at Johann-Maus-Strasse 2, 71254 Ditzingen, Germany, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "OPTICAL SYSTEM FOR BEAM SHAPING," and was filed in the United States Patent and Trademark Office on May 18, 2017, as application 15/598,816 (the "Application").

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and

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documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Date: (LO17-05-31

Witnessed by:

Signature:

Date: 2017-05-31

Print Name: Augelika Stable

Jonas Kleiner

Date: 2017-05-31

Witnessed by:

Signature: /

Date: 2017-05-31

Print Name: ANG

Date: <u>2017-06-2</u>1

Witnessed by:

Signature: A

Date: 2017-06-21

Print Name: Augelika Stallo

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	2017-06-01 Date: 2017 = 0 1
Daniel Flamm	Date. Out 14
Witnessed by: Signature: Augelika States	Date: <u>7017 - 06 ° 01</u>
Myriam Kaiser	Date: 2017 - 06 - 12
Witnessed by: Signature: WHASW Print Name: Augelika Hallo	Date: <u>2017 - 06 - 12</u>
The Assignee hereby acknowledges and acce	epts the foregoing assignment.
Assignce: TRUMPF LASER- UND SYSTE	
Signature: i. V. Q. Schmid Name: Aunghed Schmid Title: Gruppen leitung	
Name: Augher X	hmid
Title: Gruppen lettung	Potente + Uzeqzea
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RECORDED: 01/26/2018

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