

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4450966

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Alexander Alt	09/06/2016
Andre Grede	05/13/2017
Daniel Gruner	08/17/2016
Anton Labanc	09/29/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TRUMPF HUETTINGER GMBH + CO. KG
<b>Street Address:</b>	BOETZINGER STRASSE 80
<b>City:</b>	FREIBURG
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	D-79111
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15185290
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
<i>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.</i>	
<b>Phone:</b>	(512) 472-5070
<b>Email:</b>	apsi@fr.com
<b>Correspondent Name:</b>	YUNBO GUO
<b>Address Line 1:</b>	FISH & RICHARDSON P.C.
<b>Address Line 2:</b>	P.O.BOX 1022
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022
<b>ATTORNEY DOCKET NUMBER:</b>	15540-0478001
<b>NAME OF SUBMITTER:</b>	MATTHEW G. DOHERTY
<b>SIGNATURE:</b>	/Matthew G. Doherty/
<b>DATE SIGNED:</b>	06/08/2017
<b>Total Attachments: 9</b>	
source=Assign0478001#page1.tif	
source=Assign0478001#page2.tif	

source=Assign0478001#page3.tif  
source=Assign0478001#page4.tif  
source=Assign0478001#page5.tif  
source=Assign0478001#page6.tif  
source=Assign0478001#page7.tif  
source=Assign0478001#page8.tif  
source=Assign0478001#page9.tif

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, ALEXANDER ALT, ANDRE GREDE, DANIEL GRUNER, and ANTON LABANC, each individually assign to TRUMPF HUETTINGER GMBH + CO. KG, a corporation formed under the laws of Germany and having a principal place of business at Boetzinger Strasse 80, D-79111 Freiburg, 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 "POWER SUPPLY SYSTEMS AND METHODS FOR GENERATING POWER WITH MULTIPLE AMPLIFIER PATHS," and was filed in the United States Patent and Trademark Office on June 17, 2016, as application 15/185,290 (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 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.

  
\_\_\_\_\_  
Alexander Alk

Date: 6/9/16

Witnessed by:

Signature:   
\_\_\_\_\_

Date: 6/9/16

Print Name: LIAD BARUCHEN

\_\_\_\_\_  
Andre Grede

Date: \_\_\_\_\_

Witnessed by:

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

\_\_\_\_\_  
Daniel Gruner

Date: \_\_\_\_\_

Witnessed by:

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

\_\_\_\_\_  
Anton Labanc

Date: \_\_\_\_\_

Witnessed by:

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

23535961.doc

## ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, ALEXANDER ALT, ANDRE GREDE, DANIEL GRUNER, and ANTON LABANC, each individually assign to TRUMPF HUETTINGER GMBH + CO. KG, a corporation formed under the laws of Germany and having a principal place of business at Boetzing Strasse 80, D-79111 Freiburg, 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 "POWER SUPPLY SYSTEMS AND METHODS FOR GENERATING POWER WITH MULTIPLE AMPLIFIER PATHS," and was filed in the United States Patent and Trademark Office on June 17, 2016, as application 15/185,290 (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 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.

\_\_\_\_\_  
Alexander Alt Date: \_\_\_\_\_

Witnessed by:

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

  
\_\_\_\_\_  
Andre Grede Date: 13.05.2017

Witnessed by:

Signature:  \_\_\_\_\_ Date: 13.05.2017

Print Name: Anton Labenc

\_\_\_\_\_  
Daniel Gruner Date: \_\_\_\_\_

Witnessed by:

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

\_\_\_\_\_  
Anton Labanc

Date: \_\_\_\_\_

Witnessed by:

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

23535961.doc



ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, ALEXANDER ALT, ANDRE GREDE, DANIEL GRUNER, and ANTON LABANC, each individually assign to TRUMPF HUETTINGER GMBH + CO. KG, a corporation formed under the laws of Germany and having a principal place of business at Boetzing Strasse 80, D-79111 Freiburg, 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 "POWER SUPPLY SYSTEMS AND METHODS FOR GENERATING POWER WITH MULTIPLE AMPLIFIER PATHS," and was filed in the United States Patent and Trademark Office on June 17, 2016, as application 15/185,290 (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 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.

\_\_\_\_\_  
Alexander Alt Date: \_\_\_\_\_

Witnessed by:

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

\_\_\_\_\_  
Andre Grede Date: \_\_\_\_\_

Witnessed by:

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

  
Daniel Gruner Date: 17.08.2016

Witnessed by:


Signature:  Date: 17.08.2016

Print Name: Jana Komczynski

  
\_\_\_\_\_  
Anton Labanc

Date: August 23<sup>rd</sup>, 2016

Witnessed by:

Signature:   
\_\_\_\_\_

Date: 29.08.2016

Print Name: Zuzana Labanová

23535961.doc