

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Johannes Rau	04/18/2007
Armin Schoeppach	04/25/2007
Bernhard Gellrich	05/02/2007
Jens Kugler	04/27/2007
Martin Mahlmann	04/27/2007
Bernhard Geuppert	04/20/2007
Thomas Petasch	05/02/2007
Gerhard Fuerter	05/02/2007
RECEIVING PARTY DATA	
Name:	CARL ZEISS SMT AG
Street Address:	RUDOLF-EBER-STRASSE 2
City:	OBERKOCHEN
State/Country:	GERMANY
Postal Code:	73447
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15412947
CORRESPONDENCE DATA	
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<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>	
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ATTORNEY DOCKET NUMBER:	23080-0028004
NAME OF SUBMITTER:	ALISSA TIZZANO
SIGNATURE:	/Alissa/

PATENT

DATE SIGNED:	02/27/2017
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Total Attachments: 5

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ASSIGNMENT

FOR valuable and legally sufficient considerations, receipt of which is hereby acknowledged, we, **Johannes RAU**, a citizen of Germany, and a resident of Heinestrasse 20, 89547 Gerstetten, Germany, **Armin SCHOEPPACH**, a citizen of Germany, and a resident of Schlehenweg 50, 73431 Aalen, Germany, **Bernhard GELLRICH**, a citizen of Germany, and a resident of Schaitbergstrasse 3, 73434 Aalen, Germany, **Jens KUGLER**, a citizen of Germany, and a resident of Goetzenbachstrasse 1, 73540 Heubach, Germany, **Martin MAHLMANN**, a citizen of Germany, and a resident of Scheffelstrasse 5, 73466 Lauchheim, Germany, **Bernhard GEUPPERT**, a citizen of Germany, and a resident of Kiefernweg 14, 73466 Lauchheim, Germany, **Thomas PETASCH**, a citizen of Germany, and a resident of Hegelstrasse 111-2, 73431 Aalen, Germany and **Gerhard FUERTER**, a citizen of Germany, and a resident of Hinter den Gaerten 10, 73479 Ellenwangen, Germany, have co-invented certain new and useful improvements in

OPTICAL PROJECTION SYSTEM

hereby assign to **CARL ZEISS SMT AG**, a German corporation having its principal office at Rudolf-Eber-Str. 2, 73447 Oberkochen, Germany (hereinafter referred to as "Assignee"), the entire right, title and interest in and to such invention, together with the patent rights and rights of protection to the same throughout the world, including any patent rights which may result from the application for United States Letters Patent which was filed in the United States Patent and Trademark Office on even date, and any continuation, divisions, continuation-in-part applications, inventor's certificates and extensions thereof, preparatory to obtaining Letters Patent of the United States therefor; said invention, application and Letters Patent to be held and enjoyed by said Assignee for its own use and behoof and for the use and behoof of its successors and assigns, to the full end of the term for which said Letters Patent or other rights of protection may be granted as entirely as the same would have been held and enjoyed by us had the assignment not been made.

AND WE COVENANT and AGREE and WARRANT that we have full and unencumbered title to the invention hereby assigned, and we further covenant and agree that we have the right to grant such rights to said invention and application and Letters Patent and that we will, at any time upon request without cost to us or further compensation, execute and deliver any and all papers or instruments that, in the opinion of the Assignee, may be necessary or desirable to secure said Assignee the full enjoyment of the rights and properties herein conveyed or intended to be conveyed by this instrument.

IN WITNESS WHEREFORE, we have hereunto set our hands and seal:

Date: Apr 18, 2007 J. Rau
By: **Johannes RAU**

Date: Apr 18, 2007 Christina Gerstung
Witness Signature

Christina Gerstung
Witness Printed Name

Carl Zeiss AG
Witness Address

Patentabteilung
73446 Oberkochen

Date: _____, 2007 _____
By: **Armin SCHOEPPACH**

Date: _____, 2007 _____
Witness Signature

Witness Printed Name

Witness Address

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AND WE COVENANT and AGREE and WARRANT that we have full and unencumbered title to the invention hereby assigned, and we further covenant and agree that we have the right to grant such rights to said invention and application and Letters Patent and that we will, at any time upon request without cost to us or further compensation, execute and deliver any and all papers or instruments that, in the opinion of the Assignee, may be necessary or desirable to secure said Assignee the full enjoyment of the rights and properties herein conveyed or intended to be conveyed by this instrument.

IN WITNESS WHEREFORE, we have hereunto set our hands and seal:

Date: _____, 2007

By: **Johannes RAU**

Date: _____, 2007

Witness Signature

Witness Printed Name

Witness Address

Date: April 25, 2007

Armin Schoepf
By: **Armin SCHOEPPACH**

Date: April 25, 2007

Sabine Lump
Witness Signature

SABINE LUMP
Witness Printed Name

Carl Zeiss SMT AG
Witness Address
SMT-G
Rudolf-Eber-Str. 2
D-73447 Oberkochen

0001886USU/2266

Date: May, 02, 2007

Bernhard Gellrich
By: Bernhard GELLRICH

Date: May 2nd 2007, 2007

[Signature]
Witness Signature

SABINE LUMPP
Witness Printed Name

Carl Zeiss SMT AG
Witness Address
SMT-G
Rudolf-Eber-Str. 2
D-73447 Oberkochen

Date: April, 24, 2007

Jens Kugler
By: Jens KUGLER

Date: April, 27th, 2007

[Signature]
Witness Signature

SABINE LUMPP
Witness Printed Name

Carl Zeiss SMT AG
Witness Address
SMT-G
Rudolf-Eber-Str. 2
D-73447 Oberkochen

Date: April 27, 2007

Martin Mahlmann
By: Martin MAHLMANN

Date: April, 27, 2007

[Signature]
Witness Signature

SABINE LUMPP
Witness Printed Name

Carl Zeiss SMT AG
Witness Address
SMT-G
Rudolf-Eber-Str. 2
D-73447 Oberkochen

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Date: April 20, 2007

B. Geuppert
By: **Bernhard GEUPPERT**

Date: April 20, 2007

[Signature]
Witness Signature

LUMPP, SABINE
Witness Printed Name

Witness Address
Carl Zeiss SMT AG
SMT-G
Rudolf-Eber-Str. 2
D-73447 Oberkochen

Date: May 2, 2007

Thomas Petasch
By: **Thomas PETASCH**

Date: May 2nd, 2007

[Signature]
Witness Signature

SABINE LUMPP
Witness Printed Name

Witness Address
Carl Zeiss SMT AG
SMT-G
Rudolf-Eber-Str. 2
D-73447 Oberkochen

Date: May 2nd, 2007

[Signature]
By: **Gerhard FUERTER**

Date: May 2nd, 2007

[Signature]
Witness Signature

SABINE LUMPP
Witness Printed Name

Witness Address
Carl Zeiss SMT AG
SMT-G
Rudolf-Eber-Str. 2
D-73447 Oberkochen