# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2794686

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

#### **CONVEYING PARTY DATA**

| Name                 | Execution Date |
|----------------------|----------------|
| Jens Kugler          | 06/25/2007     |
| Franz Sorg           | 06/14/2007     |
| Yim-Bun Patrick Kwan | 06/01/2007     |

### **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: | 14199758 |  |

### CORRESPONDENCE DATA

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|-------------------------|----------------|--|
| NAME OF SUBMITTER:      | ALISSA TIZZANO |  |
| SIGNATURE:              | /Alissa/       |  |
| DATE SIGNED:            | 04/01/2014     |  |

**Total Attachments: 3** source=assign#page1.tif source=assign#page2.tif

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PATENT 502748090 REEL: 032572 FRAME: 0126

## **ASSIGNMENT**

FOR valuable and legally sufficient considerations, receipt of which is hereby acknowledged we, <u>Jens KUGLER</u>, a citizen of <u>Germany</u>, and a resident <u>Götzenbachstr. 1 Heubach Germany 73540</u>; <u>Franz SORG</u>, a citizen of <u>Germany</u>, and a resident of <u>Bühlstr. 19 Oberkochen</u>, <u>Germany 73447</u>, and <u>Yim-Bun Patrick KWAN</u>, a citizen of <u>Germany</u>, and a resident of <u>Warthelandstr. 68 Aalen</u>, <u>Germany 73431</u> have co-invented certain new and useful improvements in

#### CRITICAL MODULE FOR AN OBJECTIVE

hereby assign to <u>CARL ZEISS SMT AG</u>, a <u>German</u> corporation having its principal office at <u>Rudolf-Eber-Straße 2</u>, <u>Oberkochen Germany 73447</u> (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 <u>November 22</u>, <u>2006</u> and assigned U.S. Application <u>11/597,297</u>, 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

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PATENT REEL: 032572 FRAME: 0127

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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: June, 75, 2007 June /km /km / By: Jeps KÜGLER

Date: <u>Juue</u>, 25<sup>+4</sup>, 2007

Witness Signature

SABINE LUM?」>
Witness Printed Name

Witness Address

Carl Zeiss SMT AG SMT-G Rudolf-Eber-Str. 2

D-73447 Oberkochen

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|---------|------------|--|--------------------------|--|
| Date:   | June, 14   | , 2007   | By: Franz SORG           |  |
| Date:   | June, 14th | , 2007   | Withese Signature        |  |
|         |            | Sisue Lump? Witness Printed Name                               |                          |  |
|         |            | Cayltzeisses AT AG SMT-G Rudolf-Eber-Str. 2 D-73447 Oberkochen |                          |  |
| Date:   | 1st June   | , 2007   | Allen .                  |  |
|         |            |  | By: Yim-Bun Patrick KWAN |  |
| Date:   | 154 )ne    | , 2007   | Witness Signature        |  |
|         |            | <i>St</i> B/N€<br>Witness Pr                                   |                          |  |
|         |            | Witness Carl Zeiss SMT-G Rudolf Eber-S D-73447 Ob              | SMT AG                   |  |