

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2709801

| SUBMISSION TYPE:   | NEW ASSIGNMENT                 |               |                |                     |            |               |            |
|--|--------------------------------|---------------|----------------|---------------------|------------|---------------|------------|
| NATURE OF CONVEYANCE:  | ASSIGNMENT                     |               |                |                     |            |               |            |
| CONVEYING PARTY DATA   |                                |               |                |                     |            |               |            |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>ASMUS MUELLER</td> <td>11/25/2013</td> </tr> <tr> <td>GERHARD BOLLI</td> <td>12/20/2013</td> </tr> </tbody> </table> |                                | Name          | Execution Date | ASMUS MUELLER       | 11/25/2013 | GERHARD BOLLI | 12/20/2013 |
| Name   | Execution Date                 |               |                |                     |            |               |            |
| ASMUS MUELLER  | 11/25/2013                     |               |                |                     |            |               |            |
| GERHARD BOLLI  | 12/20/2013                     |               |                |                     |            |               |            |
| RECEIVING PARTY DATA   |                                |               |                |                     |            |               |            |
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| Street Address:  | Postfach 30 02 20              |               |                |                     |            |               |            |
| City:  | Stuttgart                      |               |                |                     |            |               |            |
| State/Country:   | GERMANY                        |               |                |                     |            |               |            |
| Postal Code:   | 70442                          |               |                |                     |            |               |            |
| PROPERTY NUMBERS Total: 1  |                                |               |                |                     |            |               |            |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14115931</td> </tr> </tbody> </table>  |                                | Property Type | Number         | Application Number: | 14115931   |               |            |
| Property Type  | Number                         |               |                |                     |            |               |            |
| Application Number:  | 14115931                       |               |                |                     |            |               |            |
| CORRESPONDENCE DATA  |                                |               |                |                     |            |               |            |
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| <i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>   |                                |               |                |                     |            |               |            |
| Correspondent Name:  | MAGINOT, MOORE & BECK LLP      |               |                |                     |            |               |            |
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| ATTORNEY DOCKET NUMBER:  | 2178-0800                      |               |                |                     |            |               |            |
| NAME OF SUBMITTER:   | PAUL J. MAGINOT                |               |                |                     |            |               |            |
| Signature:   | /Paul J. Maginot/              |               |                |                     |            |               |            |
| Date:  | 02/03/2014                     |               |                |                     |            |               |            |

Total Attachments: 4

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ASSIGNMENT

Pursuant to our obligation to Robert Bosch GmbH (hereinafter referred to as "Assignee"), a German corporation having a mailing address at:

Postfach 30 02 20  
70442 Stuttgart  
GERMANY

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged,  
we:

Asmus Mueller  
Dorfstraße 45  
2544 Bettlach  
Switzerland

Gerhard Bolli  
Blumenstr. 4  
8572 Andhausen  
Switzerland

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, except as set forth below, our entire right, title and interest -

(1) in and to an invention entitled "Method for Printing at least One Carrier Element" for which we have executed a United States patent application, said United States application being assigned U.S. Serial No. 14/115,931 (We hereby authorize Assignee to insert the serial number in the preceding blank) and which is disclosed in Patent Cooperation Treaty Application No. PCT/EP2012/054628, filed on March 16, 2012;

(2) in and to said United States patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), reissue applications, and international patent applications designating the United States) based upon said invention, and in and to the patent or patents to be granted thereon, including reissues thereof, if any, to the full end of the term or terms for which said patent or patents may be granted; and

(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, including patent applications filed under the Patent Cooperation Treaty, the European Patent Convention or any other international treaty, and including the right to claim priority of said United States application, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted.

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

X A. Mueller Date X 25, 11, 2073  
Asmus Mueller

*x Bolli*  
\_\_\_\_\_  
Gerhard Bolli

Date 120.12.13