

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Christian FUHSE</td> <td>11/26/2012</td> </tr> <tr> <td>Manfred HEIM</td> <td>12/09/2012</td> </tr> <tr> <td>Michael RAHM</td> <td>11/27/2012</td> </tr> <tr> <td>Gunter ENDRES</td> <td>11/30/2012</td> </tr> </tbody> </table>		Name	Execution Date	Christian FUHSE	11/26/2012	Manfred HEIM	12/09/2012	Michael RAHM	11/27/2012	Gunter ENDRES	11/30/2012
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Giesecke &amp; Devrient GmbH</td> </tr> <tr> <td>Street Address:</td> <td>Prinzregentenstrasse 159</td> </tr> <tr> <td>City:</td> <td>Muenchen</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>81677</td> </tr> </table>		Name:	Giesecke & Devrient GmbH	Street Address:	Prinzregentenstrasse 159	City:	Muenchen	State/Country:	GERMANY	Postal Code:	81677
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 5719705692  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 7036830500        Email: mail@baconthomas.com        Correspondent Name: BACON &amp; THOMAS, PLLC        Address Line 1: 625 SLATERS LANE        Address Line 2: FOURTH FLOOR        Address Line 4: ALEXANDRIA, VIRGINIA 22314-1176</p>											
ATTORNEY DOCKET NUMBER:	FUHS3008/JEK										
NAME OF SUBMITTER:	J. ERNEST KENNEY										
<p>Total Attachments: 2        source=512064_WO_Assignment_signed#page1.tif        source=512064_WO_Assignment_signed#page2.tif</p>											

CH \$40.00 13810749

### ASSIGNMENT

WHEREAS, I (we), Christian FUHSE, Manfred HEIM, Michael RAHM, Günter ENDRES,

whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, is(are) the owner of certain new and useful improvements in

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

- executed on even date herewith
- executed on: \_\_\_\_\_
- filed on: \_\_\_\_\_ Serial No.: \_\_\_\_\_
- established by PCT International Patent Application No.: PCT/EP2011/003587 filed: 18.07.2011  
designating the United States of America

WHEREAS, Giesecke & Devrient GmbH

whose post office address is Prinzregentenstraße 159, 81677 München, Germany  
hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof, and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of *Bacon & Thomas, PLLC* to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

ASSIGNOR NAME <b>Christian FUHSE</b>	ADDRESS <b>Matheisweg 24, 83624 Otterfing, Germany</b>
WHERE SIGNED <i>Christian Fuhse</i>	SIGNATURE <i>Christian Fuhse</i>
DATE <b>20.11.2012</b>	

Continued on Next Page

### ASSIGNMENT

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ASSIGNOR NAME Manfred HEIM	ADDRESS Auguste-Wittig-Str. 52, 83646 Bad Tölz , Germany
WHERE SIGNED <i>Grund am Tegensee</i>	
DATE <i>December 4, 2012</i>	SIGNATURE <i>M. Heim</i>
ASSIGNOR NAME Michael RAHM	ADDRESS Akeleistraße 27, 83646 Bad Tölz, Germany
WHERE SIGNED <i>Grund am Tegensee</i>	
DATE <i>November 17, 2012</i>	SIGNATURE <i>Michael Rahm</i>
ASSIGNOR NAME Günter ENDRES	ADDRESS Kameidplatz 24, 81547 München , Germany
WHERE SIGNED <i>München</i>	
DATE <i>November 30, 2012</i>	SIGNATURE <i>Günter Endres</i>
ASSIGNOR NAME	ADDRESS
WHERE SIGNED	
DATE	SIGNATURE

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