

## PATENT ASSIGNMENT

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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>Hartmut Loos</td> <td>03/01/2012</td> </tr> <tr> <td>Julia Ebling</td> <td>03/05/2012</td> </tr> <tr> <td>Christof Krueger</td> <td>03/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	Hartmut Loos	03/01/2012	Julia Ebling	03/05/2012	Christof Krueger	03/09/2012		
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Christof Krueger	03/09/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Robert Bosch GmbH</td> </tr> <tr> <td>Street Address:</td> <td>Postfach 30 02 20</td> </tr> <tr> <td>City:</td> <td>Stuttgart</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>70442</td> </tr> </table>		Name:	Robert Bosch GmbH	Street Address:	Postfach 30 02 20	City:	Stuttgart	State/Country:	GERMANY	Postal Code:	70442
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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>13391356</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13391356						
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Application Number:	13391356										
CORRESPONDENCE DATA											
<p>Fax Number: (414)277-0656          Phone: 414-271-6560          Email: mkeipdocket@michaelbest.com  <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Michael Best &amp; Friedrich LLP          Address Line 1: 100 East Wisconsin Avenue          Address Line 2: Suite 3300          Address Line 4: Milwaukee, WISCONSIN 53202-4108</p>											
ATTORNEY DOCKET NUMBER:	022862-1500-US00										
NAME OF SUBMITTER:	Derek C. Stettner										
Total Attachments: 2 source=11309308_022862-1500-US00_Executed_Assignment_-_as_filed#page1.tif source=11309308_022862-1500-US00_Executed_Assignment_-_as_filed#page2.tif											

OP \$40.00 13391356

## ASSIGNMENT

Pursuant to our obligation to Robert Bosch GmbH (hereinafter referred to as "Assignee"), a German corporation having its principal place of business at:

Postfach 30 02 20  
70442 Stuttgart  
Germany

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

Hartmut Loos  
Martin-Boyken-Ring 102  
31141 Hildesheim  
Germany

Julia Ebling  
Kurt-Schumacher-Str. 83  
31139 Hildesheim  
Germany

Christof Krueger  
Bannwaldseestr. 36  
81379 Muenchen  
Germany

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest in the United States -

(1) in and to inventions described in a patent application titled APPARATUS FOR IDENTIFICATION OF AN OBJECT QUEUE, METHOD AND COMPUTER PROGRAM the specification of which was filed with my authority on July 2, 2010 as International Patent Application No. PCT/EP2010/059434 (Atty. File No. 022862-1500-US00) (hereinafter the "PCT application"); and


(2) in and to the PCT application, in and to all other U.S. patent applications (including PCT national phase, divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said inventions or claiming the benefit of the PCT

application, and in and to the patent or patents to be granted thereon, to the full end of the term or terms for which said patent or patents may be granted.

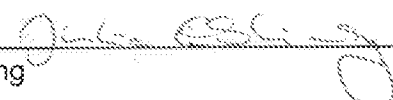
We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this 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.

The Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

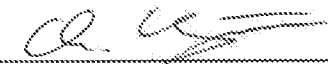
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Date

✓   
\_\_\_\_\_  
Hartmut Loos

✓ 15.3.2012  
\_\_\_\_\_  
Date

✓   
\_\_\_\_\_  
Julia Ebling

✓ 9.3.2012  
\_\_\_\_\_  
Date

✓   
\_\_\_\_\_  
Christof Krueger