

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>Jonas Hermansson</td> <td>01/13/2013</td> </tr> <tr> <td>Anders Holger Johnsson</td> <td>01/08/2013</td> </tr> <tr> <td>Niklas Vollmer</td> <td>01/20/2013</td> </tr> </tbody> </table>		Name	Execution Date	Jonas Hermansson	01/13/2013	Anders Holger Johnsson	01/08/2013	Niklas Vollmer	01/20/2013		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Volvo Car Corporation</td> </tr> <tr> <td>Street Address:</td> <td>Dept. 50094/HBBVN</td> </tr> <tr> <td>City:</td> <td>Goeteborg</td> </tr> <tr> <td>State/Country:</td> <td>SWEDEN</td> </tr> <tr> <td>Postal Code:</td> <td>40531</td> </tr> </table>		Name:	Volvo Car Corporation	Street Address:	Dept. 50094/HBBVN	City:	Goeteborg	State/Country:	SWEDEN	Postal Code:	40531
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 2483583351 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2483584400 Email: jrichmond@brookskushman.com Correspondent Name: Brooks Kushman P.C. Address Line 1: 1000 Town Center Address Line 2: 22nd Floor Address Line 4: Southfield, MICHIGAN 48075</p>											
ATTORNEY DOCKET NUMBER:	VCC 0168 PUSA										
NAME OF SUBMITTER:	Jody Richmond										
<p>Total Attachments: 3 source=HermanssonAssignment#page1.tif source=JohnsonAssignment#page1.tif source=VollmerAssignment#page1.tif</p>											

CH \$40.00 12140731

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we Jonas Hermansson of Diamantvaegen 32, 43732 Lindome, Sweden, Anders Holger Johnson, of Fjällgatan 28, 41317 Goeteborg, Sweden, and Niklas Vollmer, of Södra Stallåsleden 7, 43031 Åsa, Sweden, do hereby assign, sell and set over to Volvo Car Corporation, a corporation under the laws of the country of Sweden and having a place of business at Goeteborg 40531 Sweden hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, my entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in

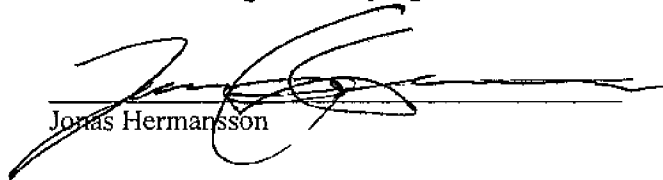
**CONTROL OF AN EXHAUST GAS AFTER TREATMENT DEVICE IN
A HYBRID VEHICLE**

for which an application for a United States Patent was filed on June 17, 2008, as Application Serial No. 12/140,731 (I hereby authorize insertion of the application filing date and serial number when they become known), including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in my names, at its or their election, and I hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to said inventions and discoveries in all countries, including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.

And we hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over.

And we hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.

Date: 13/01, 2013


Jonas Hermansson

Date: _____, 2013

Anders Holger Johnson

Date: _____, 2013

Niklas Vollmer

ASSIGNMENT

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Date: Jan 8, 2013

Jonas Hermansson

Date: Jan 8, 2013

Anders Holger Johnson

Date: _____, 2013

Niklas Vollmer

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Date: _____, 2013

Jonas Hermansson

Date: _____, 2013

Anders Holger Johnson

Date: 130120, 2013

Niklas Vollmer
Niklas Vollmer