

## 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>Eddy Bergenheim</td> <td>12/10/2012</td> </tr> <tr> <td>Tor von Eichwald</td> <td>12/10/2012</td> </tr> <tr> <td>Gunnar Hallneus</td> <td>12/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	Eddy Bergenheim	12/10/2012	Tor von Eichwald	12/10/2012	Gunnar Hallneus	12/12/2012
Name	Execution Date								
Eddy Bergenheim	12/10/2012								
Tor von Eichwald	12/10/2012								
Gunnar Hallneus	12/12/2012								
RECEIVING PARTY DATA									
Name:	VOLVO CAR CORPORATION								
Street Address:	Assar Gabrielssons Vaeg								
City:	Goeteborg								
State/Country:	GERMANY								
Postal Code:	SE-405 31								
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>13686500</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13686500				
Property Type	Number								
Application Number:	13686500								
CORRESPONDENCE DATA									
Fax Number:	2483583351								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	248-358-4400								
Email:	dgreig@brookskushman.com								
Correspondent Name:	Brooks Kushman P.C.								
Address Line 1:	1000 Town Center, Twenty-Second Floor								
Address Line 4:	Southfield, MICHIGAN 48075								
ATTORNEY DOCKET NUMBER:	VCC0211PUSA								
NAME OF SUBMITTER:	Denise Greig								
	This document serves as an Oath/Declaration (37 CFR 1.63).								
Total Attachments: 6									

502196316

**PATENT**  
**REEL: 029635 FRAME: 0650**

CH \$40.00 13686500

source=asgn\_dec\_VCC0211PUSA#page1.tif  
source=asgn\_dec\_VCC0211PUSA#page2.tif  
source=asgn\_dec\_VCC0211PUSA#page3.tif  
source=asgn\_dec\_VCC0211PUSA#page4.tif  
source=asgn\_dec\_VCC0211PUSA#page5.tif  
source=asgn\_dec\_VCC0211PUSA#page6.tif

**ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)**

<b>Title of Invention</b>	<b>PEDESTRIAN PROTECTION AIRBAG</b>
---------------------------	-------------------------------------

As a below named inventor, I hereby declare that:

This declaration is directed to:

- The attached application, or
- United States application or PCT international application number 13/686,500 filed on November 27, 2012. (I hereby authorize the insertion of the application filing date and number when they become known.)

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I do hereby assign, sell and set over to YOLVO CAR CORPORATION, a corporation organized and existing under the laws of the state or country of Sweden, and having a place of business at Assar Gabrielssons Vaeg, SE-405 31, Goeteborg, 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 the above-identified application 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 name, 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.

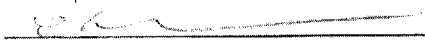
And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other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

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

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both.

LEGAL NAME OF INVENTOR

Inventor: Eddy Bergenheim Date: 2012-12-10

Signature: 

Page 1 of 2 (Supplemental Sheet with Additional Joint Inventors is attached if necessary)


Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

**SUPPLEMENTAL SHEET FOR ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)**

Additional Inventors  
Page 2 of 2

Title of Invention | PEDESTRIAN PROTECTION AIRBAG

**Legal Name of Additional Joint Inventor:**

Inventor: Tor von Eichwald Date: 10/12-12  
Signature: 

**Legal Name of Additional Joint Inventor:**

Inventor: Gunnar Hallneus Date: \_\_\_\_\_  
Signature: \_\_\_\_\_

**Legal Name of Additional Joint Inventor:**

Inventor: Mats Erlingfors (deceased) Date: \_\_\_\_\_  
Signature: \_\_\_\_\_

**Legal Name of Additional Joint Inventor:**

Inventor: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature: \_\_\_\_\_

**Legal Name of Additional Joint Inventor:**

Inventor: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature: \_\_\_\_\_

**Legal Name of Additional Joint Inventor:**

Inventor: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature: \_\_\_\_\_

**ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)**

<b>Title of Invention</b>	<b>PEDESTRIAN PROTECTION AIRBAG</b>
---------------------------	-------------------------------------

As a below named inventor, I hereby declare that:

This declaration is directed to:

- The attached application, or
- United States application or PCT international application number 13/686,500 filed on November 27, 2012. (I hereby authorize the insertion of the application filing date and number when they become known.)

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I do hereby assign, sell and set over to YOLVO CAR CORPORATION, a corporation organized and existing under the laws of the state or country of Sweden, and having a place of business at Assar Gabrielssons Vaeg, SE-405 31, Goeteborg, 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 the above-identified application 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 name, 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.

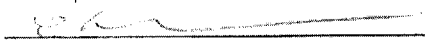
And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other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

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

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both.

LEGAL NAME OF INVENTOR

Inventor: Eddy Bergenheim Date: 2012-12-10

Signature: 

Page 1 of 2 (Supplemental Sheet with Additional Joint Inventors is attached if necessary)

Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

**SUPPLEMENTAL SHEET FOR ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)**

Additional Inventors  
Page 2 of 2

Title of Invention | PEDESTRIAN PROTECTION AIRBAG

**Legal Name of Additional Joint Inventor:**

Inventor: Tor von Eichwald Date: \_\_\_\_\_  
Signature: \_\_\_\_\_

**Legal Name of Additional Joint Inventor:**

Inventor: Gunnar Hallneus Date: 2012-12-12  
Signature: *Gunnar Hallneus*

**Legal Name of Additional Joint Inventor:**

Inventor: Mats Erlingfors (deceased) Date: \_\_\_\_\_  
Signature: \_\_\_\_\_

**Legal Name of Additional Joint Inventor:**

Inventor: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature: \_\_\_\_\_

**Legal Name of Additional Joint Inventor:**

Inventor: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature: \_\_\_\_\_

**Legal Name of Additional Joint Inventor:**

Inventor: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature: \_\_\_\_\_

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**SUBSTITUTE STATEMENT IN LIEU OF AN OATH OR DECLARATION FOR UTILITY  
OR DESIGN PATENT APPLICATION (35 U.S.C. 115(d) AND 37 CFR 1.64)**

<b>Title of Invention</b>	PEDESTRIAN PROTECTION AIRBAG		
This statement is directed to:			
<input type="checkbox"/> The attached application,			
OR			
<input checked="" type="checkbox"/> United States application or PCT international application number <u>13/686,500</u> filed on <u>11-27-2012</u>			
<b>LEGAL NAME of inventor to whom this substitute statement applies:</b>			
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)			
<b>Mats Erlingfors</b>			
Residence (except for a deceased or legally incapacitated inventor):			
City	State	Country	
Mailing Address (except for a deceased or legally incapacitated inventor):			
City	State	Zip	Country
I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application.			
The above-identified application was made or authorized to be made by me.			
I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
Relationship to the inventor to whom this substitute statement applies:			
<input type="checkbox"/> Legal Representative (for deceased or legally incapacitated inventor only),			
<input checked="" type="checkbox"/> Assignee,			
<input type="checkbox"/> Person to whom the inventor is under an obligation to assign,			
<input type="checkbox"/> Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1.46 is required), or			
<input type="checkbox"/> Joint Inventor.			

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**SUBSTITUTE STATEMENT**

Circumstances permitting execution of this substitute statement:

- Inventor is deceased,  
 Inventor is under legal incapacity,  
 Inventor cannot be found or reached after diligent effort, or  
 Inventor has refused to execute the oath or declaration under 37 CFR 1.63.

If there are joint inventors, please check the appropriate box below:

- An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) naming the entire inventive entity has been or is currently submitted.  
OR  
 An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming the entire inventive entity and providing inventor information is attached. See 37 CFR 1.64(b).

**WARNING:**

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

**PERSON EXECUTING THIS SUBSTITUTE STATEMENT:**

Name: <b>Volvo Car Corporation</b>		Date (Optional): <i>28 Nov 2012</i>	
Signature: <i>[Signature]</i>		Title: <i>Chief IP Counsel</i>	
Residence (unless provided in an application data sheet, PTO/AIA/14 or equivalent):			
City	State	Country	
Mailing Address (unless provided in an application data sheet, PTO/AIA/14 or equivalent):			
City	State	Zip	Country
Note: Use an additional PTO/AIA/02 form for each inventor who is deceased, legally incapacitated, cannot be found or reached after diligent effort, or has refused to execute the oath or declaration under 37 CFR 1.63.			

[Page 2 of 2]