

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | |
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| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kari ERANEN</td> <td>08/22/2005</td> </tr> <tr> <td>Edward JOBSON</td> <td>08/17/2005</td> </tr> <tr> <td>Lennart CIDER</td> <td>08/16/2005</td> </tr> <tr> <td>Lars-Eric LINDFORS</td> <td>08/25/2005</td> </tr> <tr> <td>Fredrik KLINGSTEDT</td> <td>08/18/2005</td> </tr> </tbody> </table> | | Name | Execution Date | Kari ERANEN | 08/22/2005 | Edward JOBSON | 08/17/2005 | Lennart CIDER | 08/16/2005 | Lars-Eric LINDFORS | 08/25/2005 | Fredrik KLINGSTEDT | 08/18/2005 |
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| Lars-Eric LINDFORS | 08/25/2005 | | | | | | | | | | | | |
| Fredrik KLINGSTEDT | 08/18/2005 | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | |
| Name: | VOLVO TECHNOLOGY CORPORATION | | | | | | | | | | | | |
| Street Address: | SE-405 08 | | | | | | | | | | | | |
| City: | Goteborg | | | | | | | | | | | | |
| State/Country: | SWEDEN | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>10908857</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 10908857 | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | |
| Application Number: | 10908857 | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | |
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| Correspondent Name: | NOVAK DRUCE & QUIGG, LLP | | | | | | | | | | | | |
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| Address Line 2: | 400 East Tower | | | | | | | | | | | | |
| Address Line 4: | Washington, DISTRICT OF COLUMBIA 20005 | | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 0173.066.PCUS00 | | | | | | | | | | | | |
| NAME OF SUBMITTER: | Tracy W. Druce | | | | | | | | | | | | |

OP \$40.00 10908857

Total Attachments: 1
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ASSIGNMENT

THIS ASSIGNMENT, by Kari ERÄNEN; Edward JOBSON; Lehnart CIDER; Lars-Eric LINDFORS; and Fredrik KLINGSTEDT (hereinafter referred to as the Assignor), witnesseth:

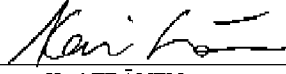


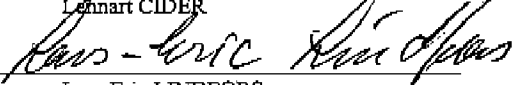
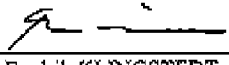
WHEREAS, said Assignor has invented certain new and useful improvements in a: CATALYST UNIT FOR REDUCTION OF NOx COMPOUNDS, set forth in an application for Letters Patent of the United States filed 27 May 2005 as Application No. 10/908,857.

WHEREAS, VOLVO TECHNOLOGY CORPORATION, a corporation duly organized under and pursuant to the laws of the Kingdom of Sweden, and having a principal place of business at: SE-405 08 Göteborg, SWEDEN, (hereinafter referred to as the Assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and applications for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of one Dollar (\$1.00 USD) and other good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, assignor's interest in the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor, had this sale and assignment not been made.

AND for the same consideration, said assignor hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignor is the lawful owners of the entire right, title and interest in and to said invention and the application for Letters Patent above mentioned, and that the same is unencumbered and that said assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignor hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that said assignor will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

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|--------------------------|---|
| (Date) <u>22.08.2005</u> | (Signature) <u></u> Kari ERÄNEN |
| (Date) <u>05-08-17</u> | (Signature) <u></u> Edward JOBSON |
| (Date) <u>05-08-16</u> | (Signature) <u></u> Lehnart CIDER |
| (Date) <u>05-08-25</u> | (Signature) <u></u> Lars-Eric LINDFORS |
| (Date) <u>05-08-18</u> | (Signature) <u></u> Fredrik KLINGSTEDT |