

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>Bo Vigholm</td> <td>04/17/2013</td> </tr> <tr> <td>Jan Karlsson</td> <td>04/20/2013</td> </tr> <tr> <td>Andreas Ekvall</td> <td>04/17/2013</td> </tr> <tr> <td>Kim Heybroek</td> <td>04/17/2013</td> </tr> </tbody> </table>		Name	Execution Date	Bo Vigholm	04/17/2013	Jan Karlsson	04/20/2013	Andreas Ekvall	04/17/2013	Kim Heybroek	04/17/2013
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RECEIVING PARTY DATA											
Name:	Volvo Construction Equipment AB										
Street Address:	S-631 85										
City:	Eskilstuna										
State/Country:	SWEDEN										
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>13881759</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13881759						
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CORRESPONDENCE DATA											
Fax Number:	7032990036										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	703-299-0953										
Email:	HARRY@WRB-IP.COM										
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Address Line 4:	ALEXANDRIA, VIRGINIA 22314										
ATTORNEY DOCKET NUMBER:	000009-681										
NAME OF SUBMITTER:	Harold R. Brown III										
Signature:	/Harold R. Brown III/										

Date:

04/26/2013

Total Attachments: 3

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ASSIGNMENT
(JOINT)

This Assignment, by
a. Bo VIGHOLM,
b. Jan KARLSSON,
c. Andreas EKVALL,
d. Kim HEYBROEK,

residing at
a. Sörgården Tveta S-640 40 Stora Sundby, Sweden
b. Kastanjevägen 5 S-635 06 Eskilstuna, Sweden
c. Skällby 75A S-734 92 Hallstahammar, Sweden
d. Trekanten Mariefred SE-647 92 Strängnäs, Sweden

(hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in

A METHOD FOR CONTROLLING A HYDRAULIC
SYSTEM OF A WORKING MACHINE

set forth in an application for Letters Patent of the United States, which is a

- (1) ___ provisional application
a. ___ bearing Application No. _____ and filed on

b. ___ to be filed herewith; or
(2) X non-provisional application
a. ___ bearing Application No. _____ and filed on

b. X having an oath or declaration executed on even date herewith prior to
filing of application;
c. ___ having an oath or declaration executed on a different date than this
Assignment; and

WHEREAS, VOLVO CONSTRUCTION EQUIPMENT AB, a corporation
having a principal place of business at S-631 85 Eskilstuna, Sweden (hereinafter referred
to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to
said inventions, the right to file applications on said inventions and the entire right, title
and interest in and to any applications, including provisional applications for Letters
Patent of the United States or other countries claiming priority to said application, and in
and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and
thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and 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 the 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 Assignors had this sale and assignment not been made;

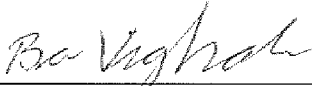
AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents 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 or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of WRB-IP L.L.P. to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

Application No. _____
Attorney's Docket No. 000009-681

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

DATE 2013-04-17 
Bo VIGHOLM

DATE 2013-04-20 
Jan KARLSSON

DATE 2013-04-17 
Andreas EKVALL

DATE 2013-04-17 
Kim HEYBROEK