PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| Dong Soo KIM | 11/17/2008 |

RECEIVING PARTY DATA

| Name: | VOLVO CONSTRUCTION EQUIPMENT HOLDING SWEDEN AB | |
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| State/Country: | SWEDEN | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12327155 |

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Total Attachments: 3

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> PATENT REEL: 021920 FRAME: 0582

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CH \$40.00

| Practitioner=s Docket NoU | <u>01</u> 7555-4 | PATENT |
|---|-----------------------------|--|
| | For: For: For: By: | [] U.S. and/or [] Foreign Rights [] U.S. Application or [] U.S. Provisional Application [] U.S. Patent [] PCT Application [] Inventor(s) or [] Present Owner |
| | ASSIGNME | NT OF INVENTION |
| | | AIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00) and for other good and valuable consideration, |
| ASSIGNOR: | | |
| Inventor(s) or person(s) or entity(ies) who own the invention | | Dong Soo KIM |
| | | (type or print name(s) of ASSIGNOR(S)) |
| | | Address: 103-1306 Posco the sharp Apt., Kyunghwa-dong, Jinhae-city, Kyungnam, Republic of Korea |
| | | Nationality: Republic of Korea |
| | | y to whom invention was previously assigned ed in PTO, add the following) |
| Recorded on | Reel Frame | e |
| hereby sells, assigns and transfers | to | |
| ASSIGNEE: | | Volvo Construction Equipment Holding Sweden AB (type or print name(s) of ASSIGNEE(S)) |
| | | Address: SE-631 85 Eskilstuna Sweden |
| | | Nationality: Sweden |

and the successors, assigns and legal representatives of the ASSIGNEE

(Assignment of InventionCpage 1 of 3) 16-3

(complete one of the following)

| | [x] | the entire right, title and interest |
|-----------------|---------------|--|
| | [] | an undivided percent (%) right, title and interest |
| for the United | States ar | nd its territorial possessions |
| | | (check the following box, if foreign rights are also to be assigned) |
| | [] | and in all foreign countries, including all rights to claim priority, |
| in and to any a | and all in | approvements which are disclosed in the invention entitled: |
| SHOCK ABS | <u>ORPTIO</u> | N DEVICE AND CONTROL METHOD THEREOF FOR SMALL SWING |
| RADIUS EXC | CAVATO | <u>DR</u> |
| Name of inve | ntor(s) | Dong Soo KIM |
| | | (check and complete (a), (b), (c), (d), (e), (f) or (g)) |
| and which is f | ound in (| 37 C.F.R. 3.21) |
| (a) | [] | Not yet filed U.S. patent application executed on even date herewith |
| (b) | [] | Not yet filed U.S. patent application executed on |
| (c) | [] | Not yet filed U.S. provisional application naming the above inventor(s) for the |
| | | above-entitled invention To comply with 37 CFR 3.21 for recordal of this assignment, I, an |
| | | [] To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney |
| | | to insert below the filing date and application number when they |
| | | become known. |
| (d) | [] | U.S. patent or provisional patent application no. |
| | | filed on |
| (e) | | International application no. PCT //filed on U.S. patent no issued |
| (f) | [] | A change of address to which correspondence is to be sent regarding |
| | | patent maintenance fees is being sent separately. |
| | | (also check (g), if foreign application(s) is also being assigned) |
| (g) | [] | and any legal equivalent thereof in a foreign country, including the right to claim priority |
| | | |

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

(Assignment of InventionCpage 2 of 3) 16-3

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this

| Date: | November 17, | 2008 | Dong Soo KIM Signature of ASSIGNO | Dongsov tu |
|-------|-------------------------------------|--|---|---|
| | | acadili in academania va ariin ca a | Signature of ASSIGNO | R(S) |
| Date: | | | | |
| Date: | | | | |
| Date: | | | | |
| | | (if ASSIGNOR is a legal entit | y, complete the following i | nformation) |
| | | | (type or print the name of authorized to sign on bel | |
| | | | Title | |
| NOTE | : No witnessing, only be prima j | notarization or legalization is facie evidence of execution. 35 | necessary. If the assignme USC 261. Use next page if | ent is notarized or legalized, then it will notarization is desired. |
| | | [] Notarization or L | egalization Page Adde | ed. |

(Assignment of InventionCpage 3 of 3) 16-3

PATENT REEL: 021920 FRAME: 0585