

## PATENT ASSIGNMENT

Electronic Version v1.1

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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>Jin Seop KIM</td><td>09/17/2008</td></tr><tr><td>Chang Soo LEE</td><td>09/17/2008</td></tr><tr><td>In Woo KIM</td><td>09/17/2008</td></tr></tbody></table>	Name	Execution Date	Jin Seop KIM	09/17/2008	Chang Soo LEE	09/17/2008	In Woo KIM	09/17/2008	
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Jin Seop KIM	09/17/2008								
Chang Soo LEE	09/17/2008								
In Woo KIM	09/17/2008								
RECEIVING PARTY DATA									
Name:	VOLVO CONSTRUCTION EQUIPMENT HOLDING SWEDEN AB								
Street Address:	SE-631								
City:	85 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>12239843</td></tr></tbody></table>	Property Type	Number	Application Number:	12239843					
Property Type	Number								
Application Number:	12239843								
CORRESPONDENCE DATA									
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ATTORNEY DOCKET NUMBER:	U 017489-1								
NAME OF SUBMITTER:	Janet I. Cord								
Total Attachments: 3 source=4FL-IR5570-Exchange-09292008-081952#page1.tif source=4FL-IR5570-Exchange-09292008-081952#page2.tif source=4FL-IR5570-Exchange-09292008-081952#page3.tif									

CH 12239843 \$40.00

PATENT

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REEL: 021597 FRAME: 0149

Practitioner's Docket No. U 017489-1

**PATENT**

For: ☐ U.S. and/or ☐ Foreign Rights  
For: ☐ U.S. Application or  
      ☐ U.S. Provisional Application  
For: ☐ U.S. Patent  
For: ☐ PCT Application  
By: Multiple Inventors

**ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNORS (Inventors):**

*(type or print name of inventors)*

Jin Seop KIM

Address: 102-1306, Ilsin Daedong Free Village Apt.,  
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Chang Soo LEE

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Nationality: Republic of Korea

In Woo KIM

Address: Ga-503, Volvo Construction Equipment Dormitory,  
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Republic of Korea

Nationality: Republic of Korea

Added page(s) for signature by subsequent inventors. Number of pages added



(if assignment is by person or entity to whom invention was previously assigned  
and this was recorded in PTO, add the following)

Recorded on \_\_\_\_\_

Reel  
Frame

hereby sells, assigns and transfers to  
ASSIGNEE

Volvo Construction Equipment Holding Sweden AB

SE-631 85 Eskilstuna Sweden

\_\_\_\_\_  
(type or print name of ASSIGNEE)

\_\_\_\_\_  
Address

\_\_\_\_\_  
Sweden

Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- ☒ the entire right, title and interest  
☐ an undivided \_\_\_\_\_ percent ( \_\_\_\_\_ %) right, title and interest  
for the United States and 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 and all  
improvements which are disclosed in the invention entitled:

\_\_\_\_\_  
SYSTEM AND METHOD FOR CONTROLLING AUTOMATIC LEVELING OF HEAVY  
EQUIPMENT  
\_\_\_\_\_

Name of inventor(s) Jin Seop KIM, Chang Soo LEE, In Woo KIM  
\_\_\_\_\_

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found 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 C.F.R. 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/\_\_\_\_\_/\_\_\_\_\_  
(f) ☐ U.S. patent no. \_\_\_\_\_ issued  
☐ 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.

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, We have hereunto set hand and seal

**WARNING:** The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Jin Seop KIM  
(type name of Assignor)

Jinseop Kim  
Signature of ASSIGNOR

this 17<sup>th</sup> of Sep., 2008  
date of signing

Chang Soo LEE  
(type name of Assignor)

Changsoo Lee  
Signature of ASSIGNOR

this 17<sup>th</sup> of Sep., 2008  
date of signing

In Woo KIM  
(type name of Assignor)

Inwoo Kim  
Signature of ASSIGNOR

this 17<sup>th</sup> of Sep., 2008  
date of signing

(if ASSIGNOR is a legal entity, complete the following information)

(type or print the name of the above person  
authorized to sign on behalf of ASSIGNOR)

Title

**NOTE:** No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

☐ Notarization or Legalization Page Added.