

## 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>Jason A. Haro</td> <td>12/14/2011</td> </tr> <tr> <td>Michael W. Ries</td> <td>12/14/2011</td> </tr> </tbody> </table> |  | Name          | Execution Date | Jason A. Haro       | 12/14/2011 | Michael W. Ries | 12/14/2011 |
| Name   | Execution Date                           |               |                |                     |            |                 |            |
| Jason A. Haro  | 12/14/2011                               |               |                |                     |            |                 |            |
| Michael W. Ries  | 12/14/2011                               |               |                |                     |            |                 |            |
| RECEIVING PARTY DATA   |  |               |                |                     |            |                 |            |
| Name:  | Caterpillar Paving Products Inc.         |               |                |                     |            |                 |            |
| Street Address:  | 9401 85th Avenue North                   |               |                |                     |            |                 |            |
| City:  | Minneapolis                              |               |                |                     |            |                 |            |
| State/Country:   | MINNESOTA                                |               |                |                     |            |                 |            |
| Postal Code:   | 55445-2199                               |               |                |                     |            |                 |            |
| 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>29408913</td> </tr> </tbody> </table>  |  | Property Type | Number         | Application Number: | 29408913   |                 |            |
| Property Type  | Number                                   |               |                |                     |            |                 |            |
| Application Number:  | 29408913                                 |               |                |                     |            |                 |            |
| CORRESPONDENCE DATA  |  |               |                |                     |            |                 |            |
| Fax Number:  | (309)675-1236                            |               |                |                     |            |                 |            |
| Phone:   | 309-675-5140                             |               |                |                     |            |                 |            |
| Email:   | US_Docket_Clerk@cat.com                  |               |                |                     |            |                 |            |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>  |  |               |                |                     |            |                 |            |
| Correspondent Name:  | Caterpillar Inc. Intellectual Property D |               |                |                     |            |                 |            |
| Address Line 1:  | 100 NE Adams Street                      |               |                |                     |            |                 |            |
| Address Line 2:  | AH9510                                   |               |                |                     |            |                 |            |
| Address Line 4:  | PEORIA, ILLINOIS 61629-9510              |               |                |                     |            |                 |            |
| ATTORNEY DOCKET NUMBER:  | 11-0915D                                 |               |                |                     |            |                 |            |
| NAME OF SUBMITTER:   | Mary M. Umholtz                          |               |                |                     |            |                 |            |
| Total Attachments: 3<br>source=11-0915-Assignments#page1.tif<br>source=11-0915-Assignments#page2.tif<br>source=11-0915-Assignments#page3.tif   |  |               |                |                     |            |                 |            |

CH \$40.00 29408913

ASSIGNMENT

WHEREAS, MICHAEL W. RIES, residing at Coon Rapids, Minnesota, hereinafter referred to as ASSIGNOR has invented together with Jason A. Haro and Tim J. Lindholm a new and useful

PNEUMATIC COMPACTOR

for which ASSIGNOR is about to file an international application and/or make application for Letters Patent in the United States of America, such invention being described and identified by said application having an attached International Application Request and/or an attached Declaration and Power of Attorney executed by ASSIGNOR on \_\_\_\_\_; and

WHEREAS, Caterpillar Paving Products Inc., an Oklahoma corporation having a place of business at Minneapolis, Minnesota, United States of America, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said invention and any Letters Patent granted thereon by the United States of America and any foreign country;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by ASSIGNOR from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNOR;

1. ASSIGNOR hereby sells, assigns, transfers and conveys unto ASSIGNEE the entire right, title and interest in and to said invention, any application therefor, and any Letters Patent granted thereon by the United States of America and any foreign country, including any continuing application, reissue or extension thereof, together with the right to file applications and obtain patents for said invention in any foreign country, and covenant that ASSIGNOR has the full right to do so.

2. At the request and expense of ASSIGNEE, ASSIGNOR agrees to communicate to ASSIGNEE any facts known respecting said invention, to execute all papers necessary to file any application on said invention necessary or desirable to aid ASSIGNEE in obtaining and enforcing proper protection for said invention in the United States of America and any foreign country.

3. ASSIGNOR hereby authorizes and requests the COMMISSIONER OF PATENTS AND TRADEMARKS to issue the United States Letters Patent on said invention, when granted, to Caterpillar Paving Products Inc..

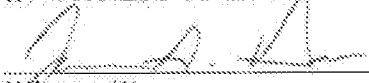
4. This assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNOR, ASSIGNOR'S heirs and legal representatives.

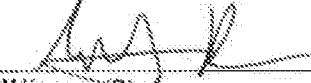
IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.

  
MICHAEL W. RIES

12/14/11  
Date

IN WITNESS OF the execution hereof by MICHAEL W. RIES we have hereunto set our hands.

  
Witness (1) 12/14/11  
Date  
Address: 11660 13th Ave N  
Detroit MN 48227

  
Witness (2) 12/14/11  
Date  
Address: 1301 E 95 1/2 St.  
Bloomington MN 55425

ASSIGNMENT

WHEREAS, JASON A. HARO, residing at Dayton, Minnesota, hereinafter referred to as ASSIGNOR has invented together with Tim J. Lindholm and Michael W. Ries a new and useful

PNEUMATIC COMPACTOR.

for which ASSIGNOR is about to file an international application and/or make application for Letters Patent in the United States of America, such invention being described and identified by said application having an attached International Application Request and/or an attached Declaration and Power of Attorney executed by ASSIGNOR on \_\_\_\_\_; and

WHEREAS, Caterpillar Paving Products Inc., an Oklahoma corporation having a place of business at Minneapolis, Minnesota, United States of America, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said invention and any Letters Patent granted thereon by the United States of America and any foreign country;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by ASSIGNOR from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNOR;

1. ASSIGNOR hereby sells, assigns, transfers and conveys unto ASSIGNEE the entire right, title and interest in and to said invention, any application therefor, and any Letters Patent granted thereon by the United States of America and any foreign country, including any continuing application, reissue or extension thereof, together with the right to file applications and obtain patents for said invention in any foreign country, and covenant that ASSIGNOR has the full right to do so.

2. At the request and expense of ASSIGNEE, ASSIGNOR agrees to communicate to ASSIGNEE any facts known respecting said invention, to execute all papers necessary to file any application on said invention necessary or desirable to aid ASSIGNEE in obtaining and enforcing proper protection for said invention in the United States of America and any foreign country.

3. ASSIGNOR hereby authorizes and requests the COMMISSIONER OF PATENTS AND TRADEMARKS to issue the United States Letters Patent on said invention, when granted, to Caterpillar Paving Products Inc..

4. This assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNOR, ASSIGNOR'S heirs and legal representatives.

IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.

Jason A. Haro  
JASON A. HARO

14 Dec 11  
Date

IN WITNESS OF the execution hereof by JASON A. HARO we have hereunto set our hands.

[Signature] 12/14/11  
Witness (1) Date  
Address: 2959 Matilda St.  
Roseville, MN 55113

[Signature] 12/14/11  
Witness (2) Date  
Address: 1301 E 93 1/2 St.  
Bloomington, MN 55985

ASSIGNMENT

WHEREAS, TIM J. LINDHOLM, residing at Roseville, Minnesota, hereinafter referred to as ASSIGNOR has invented together with Jason A. Haro and Michael W. Ries a new and useful

PNEUMATIC COMPACTOR

for which ASSIGNOR is about to file an international application and/or make application for Letters Patent in the United States of America, such invention being described and identified by said application having an attached International Application Request and/or an attached Declaration and Power of Attorney executed by ASSIGNOR on \_\_\_\_\_; and

WHEREAS, Caterpillar Paving Products Inc., an Oklahoma corporation having a place of business at Minneapolis, Minnesota, United States of America, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said invention and any Letters Patent granted thereon by the United States of America and any foreign country;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by ASSIGNOR from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNOR;

1. ASSIGNOR hereby sells, assigns, transfers and conveys unto ASSIGNEE the entire right, title and interest in and to said invention, any application therefor, and any Letters Patent granted thereon by the United States of America and any foreign country, including any continuing application, reissue or extension thereof, together with the right to file applications and obtain patents for said invention in any foreign country, and covenant that ASSIGNOR has the full right to do so.

2. At the request and expense of ASSIGNEE, ASSIGNOR agrees to communicate to ASSIGNEE any facts known respecting said invention, to execute all papers necessary to file any application on said invention necessary or desirable to aid ASSIGNEE in obtaining and enforcing proper protection for said invention in the United States of America and any foreign country.

3. ASSIGNOR hereby authorizes and requests the COMMISSIONER OF PATENTS AND TRADEMARKS to issue the United States Letters Patent on said invention, when granted, to Caterpillar Paving Products Inc..


4. This assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNOR, ASSIGNOR'S heirs and legal representatives.

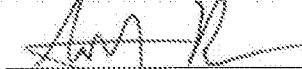
IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.

  
\_\_\_\_\_  
TIM J. LINDHOLM

12/14/11  
\_\_\_\_\_  
Date

IN WITNESS OF the execution hereof by TIM J. LINDHOLM we have hereunto set our hands.

  
\_\_\_\_\_  
Witness (1)                      Date  
Address: 11660 134th Ave N  
\_\_\_\_\_  
Dartmouth, MN 55327

  
\_\_\_\_\_  
Witness (2)                      Date  
Address: 1301 E 93 1/2 St.  
\_\_\_\_\_  
Bloomington, MN 55425

PATENT