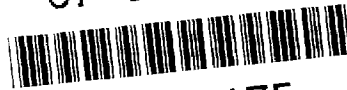


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09/902323
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Conveyance Type

Assignment Security Agreement

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Conveying Party(ies)

Mark if additional names of conveying parties attached

Execution Date
Month Day Year

Name (line 1) David R. Hinton 07/02/2001

Name (line 2) _____

Second Party

Name (line 1) Michael A. Lopez 06/29/2001

Name (line 2) _____ *09/902323*

Receiving Party

Mark if additional names of receiving parties attached

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 1) Caterpillar Inc.

Name (line 2) Intellectual Property Department

Address (line 1) 100 N.E. Adams Street

Address (line 2) _____

Address (line 3) Peoria Illinois 61629-6490
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name _____

Address (line 1) _____

Address (line 2) _____

Address (line 3) _____

Address (line 4) _____

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Area Code and Telephone Number (309) 675-1029

Name Thomas L. Derry

Address (line 1) Caterpillar Inc.

Address (line 2) Intellectual Property Department

Address (line 3) 100 N. E. Adams Street

Address (line 4) Peoria, IL 61629-6490

Pages Enter the total number of pages of the attached conveyance document including any attachments. # 2

Application Number(s) or Patent Number(s) Mark if additional numbers attached

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Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year 07/02/2001

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT		PCT		PCT	
PCT		PCT		PCT	

Number of Properties Enter the total number of properties involved. # 1

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment: Enclosed Deposit Account
Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: # 03-1129

Docket No. 00-461

Authorization to charge additional fees: Yes No

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Thomas L. Derry Signature Date 07/10/2001

ASSIGNMENT

WHEREAS, David R. Hinton and Michael A. Lopez, residing respectively at Mt. Zion, Illinois and Urbana, Illinois, hereinafter referred to as ASSIGNORS, have invented a new and useful

OFF HIGHWAY TRUCK BRAKE ASSEMBLY AND WHEEL SPINDLE HAVING A SPLINE JOINT

for which ASSIGNORS are 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 ASSIGNORS on 7/2/2001 and 6/29/2001; and

WHEREAS, Caterpillar Inc., a Delaware corporation having a place of business at Peoria, State of Illinois, 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 ASSIGNORS from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNORS;

1. ASSIGNORS hereby sell, assign, transfer and convey 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 ASSIGNORS have the full right to do so.

2. At the request and expense of ASSIGNEE, ASSIGNORS agree 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. ASSIGNORS hereby authorize and request the COMMISSIONER OF PATENTS AND TRADEMARKS to issue the United States Letters Patent on said invention, when granted, to Caterpillar Inc.

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

IN TESTIMONY WHEREOF, ASSIGNORS have executed this instrument.

David R. Hinton
DAVID R. HINTON

7/2/01
Date

IN WITNESS OF the execution hereof by DAVID R. HINTON we have hereunto set our hands.

Rebecca E. Stephens 7/2/01
Witness (1) Date

[Signature] 7/2/01
Witness (2) Date

Address: 3911 Camelot Cr. Apt. 110
Decatur, IL 62526

Address: 3747 Sims Drive
Decatur, IL 62526

[Signature]
MICHAEL A. LOPEZ

6/29/01
Date

IN WITNESS OF the execution hereof by MICHAEL A. LOPEZ we have hereunto set our hands.

Richard H. Holman 6/29/01
Witness (1) Date

Gavin E. Blatchette 6/29/01
Witness (2) Date

Address: 2030 W. Bristol Hollow Rd
DUNCAN IL 61525-9348

Address: 2222 W. Painter Ln
Pzoria, IL 61615