

07-06-2000



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1564 U.S. PTO
09/592622
06/13/00

RECORDATION FORM COVER SHEET PATENTS ONLY

6-13-00
MCS

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Correction of PTO Error
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Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other _____

U.S. Government
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Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Execution Date
Month Day Year

Name (line 1) Darren A. Hartman 04/28/2000

Name (line 2) _____

Second Party

Name (line 1) Kevin X. Huang 04/28/2000

Name (line 2) _____

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) Caterpillar Inc. 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 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) _____

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Address (line 3) _____

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

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

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			Patent Number(s)		
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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

Patent Cooperation Treaty (PCT)

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

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

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

Method of Payment: Enclosed Deposit Account

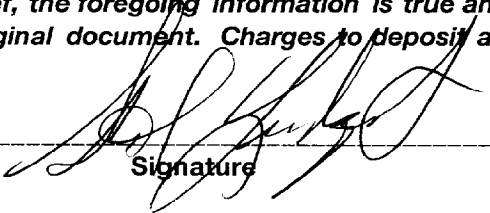
Deposit Account
(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Docket No. 98-725 **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.

Steve D. Lundquist  06/13/2000
Name of Person Signing Signature Date

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

PATENT

U.S. PTO
JCS 81
09/15/2002
06/13/00

Conveying Party(ies)

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Enter additional Conveying Parties

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

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Name (line 1)

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Name (line 1)

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Patent Application Number(s)

Patent Number(s)

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ASSIGNMENT

WHEREAS, DARREN A. HARTMAN; KEVIN X. HUANG; JAMES A. KRELLNER; and JOHN J. KRONE, residing respectively at Peoria, Illinois; Peoria, Illinois; Crolles, France; and Dunlap, Illinois, hereinafter referred to as ASSIGNORS, have invented a new and useful

METHOD AND APPARATUS FOR CONTROLLING A MOBILE MACHINE DURING START-UP

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

April 28, 2000 , April 28, 2000 ,
May 9, 2000 , and April 28, 2000 ; 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.

Darren A. Hartman
DARREN A. HARTMAN

4/28/00
Date

IN WITNESS OF the execution hereof by DARREN A. HARTMAN we have hereunto set our hands.

Chris Sawchuk 4/28/00
Witness (1) (Date)

Address: 2215 W Willow Knolls
Peoria IL 61614

Jeffrey S Coleis 4/28/00
Witness (2) (Date)

Address: 22376 Oaklane
Morton IL, 61550

K. X. Huang
KEVIN X. HUANG

04/28/00
Date

IN WITNESS OF the execution hereof by KEVIN X. HUANG we have hereunto set our hands.

Kevin A Fuller 4/28/00
Witness (1) (Date)

Address: 5801 N Aspenwood #4502
Peoria, IL 61615

Tom... 04/28/00
Witness (2) (Date)

Address: 6007 N. Old Orchard Dr.
Apt. #104
Peoria, IL 61614

James A. Krellner
JAMES A. KRELLNER

5/9/00
Date

IN WITNESS OF the execution hereof by JAMES A. KRELLNER we have hereunto set our hands.

Michael A. Ondeyn 5/9/00
Witness (1) (Date)

Address: La Côte
38320 Herbays
France

UANDER N. FREITAS 5/9/00
Witness (2) (Date)

Address: CORENC - 33, AV
MARIUS COTTIER
38700 - FRANCE

John J. Krone
JOHN J. KRONE

4/28/00
Date

IN WITNESS OF the execution hereof by JOHN J. KRONE we have hereunto set our hands.

Wm J. Krone 4/28/00
Witness (1) (Date)

John J. Krone 04/28/00
Witness (2) (Date)

Address: 608 N Rendwick
Peoria IL 61615

Address: 6007 N. Old Orchard Dr.
Apt. 104
Peoria, IL. 61614