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U.S. Department of Commerce
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9/731634

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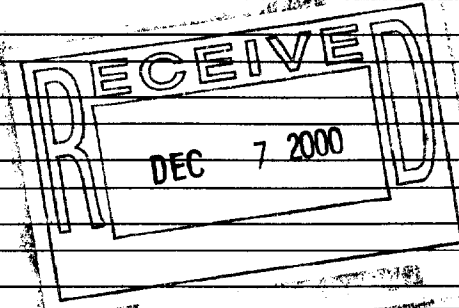
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Enter the total number of pages of the attached conveyance document including any attachments.

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Application Number(s) or Patent Number(s)

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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.

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

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Enter the total number of properties involved.

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Fee Amount

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

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Docket No. 99-221

Authorization to charge additional fees:

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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.

Larry G. Cain

Name of Person Signing

Signature

12/07/2000

Date

ASSIGNMENT

WHEREAS, Joel S. Johnson and Kevin J. Knox, residing respectively at Peoria, Illinois and Peoria, Illinois, hereinafter referred to as ASSIGNORS, have invented a new and useful

FLUID STREAM PULSE DAMPER

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 October 17, 2000 and October 17, 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.

Joel S. Johnson 10/17/2000
JOEL S. JOHNSON Date

IN WITNESS OF the execution hereof by JOEL S. JOHNSON we have hereunto set our hands.

Mysore Satish 10/17/00
Witness (1) Date

Address: 248 E OAK CLIFF (8)
PEORIA, IL - 61614

Scott Fiveland 10/17/00
Witness (2) Scott Fiveland Date

Address: 411 W. Carrousel Ln
Peoria, IL - 61615

Kevin J. Knox 10/17/2000
KEVIN J. KNOX Date

IN WITNESS OF the execution hereof by KEVIN J. KNOX we have hereunto set our hands.

Dale K. Coyle 10/17/2000
Witness (1) Date

Address: PO Box 38
Dayton, OH 45449

Lenneth J. Janda 10/17/2000
Witness (2) Date

Address: 509 W. Pinto Dr.
Edelstein, IL 61526