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Patent Application Number(s)			Patent Number(s)		
<input type="text" value="09/739,414"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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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

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

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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

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Deposit Account Number: #

Docket No. 99-356 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.

John J. Cheek

Name of Person Signing Signature Date

ASSIGNMENT

WHEREAS, Mingxiang (NMI) Jiang, residing at Peoria, Illinois, hereinafter referred to as ASSIGNOR, has invented a new and useful

FLOW CONTROL VALVE

for which ASSIGNOR has made application for Letters Patent in the United States of America, such invention being described and identified by said application identified as Application No. 09/739,414, filed December 18, 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 ASSIGNOR'S from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNOR'S;

1. ASSIGNOR'S 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'S has the full right to do so.

2. At the request and expense of ASSIGNEE, ASSIGNOR'S 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'S hereby authorizes and requests 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 ASSIGNOR'S, ASSIGNOR'S heirs and legal representatives.

IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.

Mingxiang Jiang
MINGXIANG (NMI) JIANG

1/17/2001
Date

IN WITNESS OF the execution hereof by MINGXIANG (NMI) JIANG we have hereunto set our hands.

[Signature] Jan. 17, 2001
Witness (1) Date

William A. Holt Jan 17, 2001
Witness (2) Date

Address: 6021, N. Imperial Dr., #249
PEORIA IL 61614

Address: 11906 WINDCREST CT
DUNLAP IL 61525