

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>Mr. Anil Shenoy</td><td>09/18/2007</td></tr><tr><td>Mr. John R. Connolly</td><td>09/18/2007</td></tr></tbody></table>		Name	Execution Date	Mr. Anil Shenoy	09/18/2007	Mr. John R. Connolly	09/18/2007						
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Mr. Anil Shenoy	09/18/2007												
Mr. John R. Connolly	09/18/2007												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>Caterpillar Inc.</td></tr><tr><td>Street Address:</td><td>100 NE Adams Street</td></tr><tr><td>Internal Address:</td><td>AB6490</td></tr><tr><td>City:</td><td>Peoria</td></tr><tr><td>State/Country:</td><td>ILLINOIS</td></tr><tr><td>Postal Code:</td><td>61629-6490</td></tr></table>		Name:	Caterpillar Inc.	Street Address:	100 NE Adams Street	Internal Address:	AB6490	City:	Peoria	State/Country:	ILLINOIS	Postal Code:	61629-6490
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number: (309)675-1236 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Email: umholtz_kelly_a@cat.com													
Correspondent Name: Caterpillar Inc													
Address Line 1: 100 NE Adams Street													
Address Line 2: AB6490													
Address Line 4: Peoria, ILLINOIS 61629-6490													
ATTORNEY DOCKET NUMBER:	06-304												
NAME OF SUBMITTER:	Kelly A. Umholtz												
Total Attachments: 2 source=06-304_Shenoy#page1.tif source=06-304_Connolly#page1.tif													

CH \$40.00 11947912

PATENT

500409266

REEL: 020180 FRAME: 0507

## ASSIGNMENT

WHEREAS, ANIL SHENOY, residing at Raleigh, North Carolina, hereinafter referred to as ASSIGNOR has invented together with John R. Connolly a new and useful

### SYSTEM AND METHOD FOR CONTROLLING A MACHINE

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 9/17/07; 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 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 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.

*Anil Sheno*  
ANIL SHENOY

09/18/2007  
Date

IN WITNESS OF the execution hereof by ANIL SHENOY we have hereunto set our hands.

*Michael Chiaramonte* 9/18/07  
Witness (1) Date  
Address: 903 Sassy Way  
Apex NC 27502

*Michael* 9/18/07  
Witness (2) Date  
Address: 2807 KENTSHIRE PL  
APEX, NC 27523

ASSIGNMENT

WHEREAS, JOHN R. CONNOLLY, residing at Clayton, North Carolina, hereinafter referred to as ASSIGNOR has invented together with Anil Shenoy a new and useful

SYSTEM AND METHOD FOR CONTROLLING A MACHINE

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 9/18/07; 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 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 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.

John R. Connolly  
JOHN R. CONNOLLY

18 SEP 07  
Date

IN WITNESS OF the execution hereof by JOHN R. CONNOLLY we have hereunto set our hands.

Michael Chiamonte 9/18/07  
Witness (1) Date

Address: 903 Sassy Way  
APEX NC 27502

Julian J. Thomas 18 SEP 07  
Witness (2) Date

Address: 726 HILLSFORD LN  
APEX, NC 27502