Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31	RE(1/2002)	09-09-2	002 ET	U.S. Patent and Traden		
Tab settings ⇔⇔⇔	B 1				3	
To the Honorable Comi	missioner or .	1022152	ZUU ———————————————————————————————————	riginal documents or copy there	eof.	
Name of conveying party(i W. Christopher Swick Clayton L. Padgett Gregory A. Epplin Christopher E. Bright Additional name of conveying party	8	.29.02	Name and address of Name: Caterpillar, Inc. Internal Address:	f receiving party(ies)	JC715 U.S. PTO	
3. Nature of conveyance: Assignment		Merger	Street Address: 100 NE	Adams Street		
☐ Security Agreement		Change of Name	City: Paoria	State: IL Zip:	61620	
Dther						
Execution Date: <u>08-19-02</u>			Additional Name(s) & ad	dress(es) attached? 🗌 Yes	. ⊠ No	
If this document is being fi A. Patent Application No.		·	the execution data of the B. Patent No.(s) Cached? Yes No	application is: 08-19-02		
Name and address of party to whom correspondence concerning this document should be mailed:			6. Total number of applic	ations and patents involved:	1	
Name: Michael B. McNeil			7. Total fee (37 CFR 3.41	1)\$. {	
Internal Address: Liell & McNeil Attornevs PC			⊠ Enclosed ☐ Authorized to be ☐ The second se	charged to deposit account		
Street Address: P.O. Box 24	117		8. Deposit account numb	per:		
City: Bloomington	State: IN	Zip: 47402	(Attach duplicate copy o	f this page if paying by depos	it account)	
	DO NOT USE THIS SPACE					
9. 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. Michael B. McNeil Name of Person Signing Total number of pages including cover sheet, attachments, and documents: Total number of pages including cover sheet information to: Washington, D.C. 20231 Washington, D.C. 20231						
C:581 <u>Q</u> 1-809		/				

PATENT REEL: 013253 FRAME: 0575

WHEREAS, Christopher E. Bright, residing at Raleigh, North Carolina, hereinafter referred to ASSIGNOR has invented together with W. Christopher Swick, Clayton L. Padgett and Gregory A. Epplin a new and useful

A CONTROL SYSTEM FOR AND METHOD OF OPERATING A WORK MACHINE

for which ASSIGNOR has made or will make application for Letters Patent of the United States; 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, ASSIGN	IOR has executed this instrument.
Waterwe Bright	08/19/02
CHRISTOPHER E. BRIGHT	Date /
N WITNESS OF the execution hereof by CHRI	STOPHER E. BRIGHT we have hereunto set our
ands	
W. Chritopher Surch 8/19/02 Witness (1) Date	woodstare Dagle 08/19/02
Witness (1) Date	Witness (2)
Address:	Address:
1224 Manchesta Dr	194 HASTONE GARAGE OF.
Roleigh, NC 27609	Kalery NC 2163
	de 1 100 - 101 33
	Clasting 19 tag 02
	1708 Fairview Rd
	Raleigh, NC 27608
	Raleigh, NC 2/600

REEL: 013253 FRAME: 0576

WHEREAS, Gregory A. Epplin, residing at Apex, North*Carolina, hereinafter referred to ASSIGNOR has invented together with W. Christopher Swick, Clayton L. Padgett and Christopher E. Bright a new and useful

A CONTROL SYSTEM FOR AND METHOD OF OPERATING A WORK MACHINE

for which ASSIGNOR has made or will make application for Letters Patent of the United States; 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.

GREGORY A. EPPLIN	8/19/2002 Date
IN WITNESS OF the execution hereof by GREG	ORY A. EPPLIN we have hereunto set our hands. Welmtopar durch 8/19/02 Witness (2) Date
Witness (1)/ Address: 1424 Millstone Landing D. Palail N/C 27(003)	Address:
Maleigh, NC Civos	

PATENT REEL: 013253 FRAME: 0577

WHEREAS, Clayton L. Padgett, residing at Raleigh, North Carolina, hereinafter referred to ASSIGNOR has invented together with W. Christopher Swick, Gregory A. Epplin and Christopher E. Bright a new and useful

A CONTROL SYSTEM FOR AND METHOD OF OPERATING A WORK MACHINE

for which ASSIGNOR has made or will make application for Letters Patent of the United States; 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 FESTIMONY WHEREOF, ASSIGNOR has executed this instrument.				
Clark Comments	17 Aug 02			
CLAYTON L. PADGETT	Date J			
Witness (1) Address: 1802 Pattern Gove Rd Accord NC 27502	TON L. PADGETT we have hereunto set our hands. W. Chartepler durch 8/19/02 Witness (2) Date Address: 1224 Manchester Dr			
April IVC 21302	Raleigh, NC 27609			

PATENT REEL: 013253 FRAME: 0578

WHEREAS, W. Christopher Swick, residing at Raleigh, North Carolina, hereinafter referred to ASSIGNOR has invented together with Clayton L. Padgett, Gregory A. Epplin and Christopher E. Bright a new and useful

A CONTROL SYSTEM FOR AND METHOD OF OPERATING A WORK MACHINE

for which ASSIGNOR has made or will make application for Letters Patent of the United States; 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.

W. CHRISTOPHER SWICK

Date

IN WITNESS OF the execution hereof by W. CHRISTOPHER SWICK we have hereunto set our

IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.

hands.

Notified State O8/19/02 A Graph 3/19/2002

Witness (1)

Address: 1424 Milstone Landing Or. Address: 1802 fatterson Gracks

Raleigh, NC 27603 Agent NC 27502

PATENT RECORDED: 08/29/2002 REEL: 013253 FRAME: 0579