01-21-2004

OMB No. 0651-0027 (exp. 6/30/2005)		'S ONLY	_	_	
	Y Y		<u> </u>	<u> </u>	<u></u>
To the Honorable Commissioner of	Patents and Trademarks:				
Name of conveying party(ies):	1.12.04	2. Name and a	address of receivi	ing party(ies)	ï
Patrick J. Haest	1111.07	Name:	oillar Inc.		
Liesbeth M. Longueville		Internal Ad	ldress:		
			2 Adams 1 IL 61629-6490	0	
Additional name(s) of conveying party(ies) atta	nched? Yes X No				
	iched?YesNo	-			
3. Nature of conveyance:	\neg				
X Assignment	Merger				
Security Agreement	Change of Name				
Other					
08/29/2003		İ			
Execution Date: 12/05/2003					
		Additional name(s) & address(es) attac	ched? Y	es X
A. Patent Application No.(s)		B. Patent No	u.(s)		
	Additional numbers att		s X No		
Name and address of party to who	m correspondence	tached? Ye		and patents	involved
	m correspondence	ached? Ye	s X No		
Name and address of party to who	m correspondence	ached? Ye	s X No		
Name and address of party to who concerning document should be m	m correspondence	ached? Ye	s X No er of applications 7 CFR 3.41)		
Name and address of party to who	m correspondence	6. Total number 7. Total fee (3	s X No er of applications 7 CFR 3.41)	\$ 40.00	0
Name and address of party to who concerning document should be m Stephen L. Noe	m correspondence ailed:	6. Total number 7. Total fee (3	s X No er of applications 7 CFR 3.41)	\$ 40.00	0
5. Name and address of party to who concerning document should be m Stephen L. Noe Caterpillar Inc. Intellectual Property Departs	m correspondence ailed:	6. Total number 7. Total fee (3) Enclose X Author	s X No er of applications 7 CFR 3.41) sed	\$ 40.00	0
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5. Name and address of party to who concerning document should be m Stephen L. Noe Caterpillar Inc. Intellectual Property Departs	m correspondence ailed:	6. Total number 7. Total fee (3) Enclose X Author	s X No er of applications of CFR 3.41) sed rized to be charge	\$ 40.00	0
5. Name and address of party to who concerning document should be m Stephen L. Noe Caterpillar Inc. Intellectual Property Departs	m correspondence ailed:	6. Total number 7. Total fee (3) Enclose X Author	s X No er of applications 7 CFR 3.41) sed	\$ 40.00	0
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5. Name and address of party to who concerning document should be m Stephen L. Noe Caterpillar Inc. Intellectual Property Departs 100 N. E. Adams Street Peoria IL 61629-6490	om correspondence ailed: ment, AB6490	6. Total number 7. Total fee (3) Enclose X Author 8. Deposit according to the control of the	s X No er of applications of CFR 3.41) sed rized to be charge count number:	\$ 40.00	0
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PATENT REEL: 014896 FRAME: 0545

ASSIGNMENT

WHEREAS, PATRICK J. HAEST, residing at Nalinnes, BELGIUM, hereinafter referred to ASSIGNOR has invented together with Liesbeth M. Longueville a new and useful

MACHINE CONTROL APPARATUS AND METHOD

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 29 August 2003; 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.

TEST INON I WITEREOF, ASSIGNOR has executed this institution.				
Marin Joh)	29 August 2003			
PATRICK J. HAÉST	Date			
	RICK J. HAFST we have hereunto set our hands.			
Witness (1) Date	Witness (2) Date			
Address: CLERODEAU 198A	Address: MAREAGO #			
4550 NANDRIN	B-1410 WATERLOO			
BELGIUM	BELGIUM			
(Philippe Petit)	(STeve Lanctol)			

PATENT REEL: 014896 FRAME: 0546

ASSIGNMENT

WHEREAS, LIESBETH M. LONGUEVILLE, residing at Koutergatstraat, BELGIUM, hereinafter referred to ASSIGNOR has invented together with Patrick J. Haest a new and useful

MACHINE CONTROL APPARATUS AND METHOD

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 <u>December 5, 2003</u>; 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.

POTESTIMONY WHEREOF, ASSIGNOR has executed this instrument.

BTW HESBETH M LONGUEVILLE	05 - 12 - 03 Date
IN WITNESS OF the execution hereof by LI hands.	ESBETH M. LONGUEVILLE we have hereunto set our
Witness (1) Date Address: 2111 VERGOTE	Witness (2) Date Address: DOMINICK JOS
GROENSTRAT AA 3770 INGGLMUNGTER	GROENSTRAAT 1A

PATENT
RECORDED: 01/12/2004 REEL: 014896 FRAME: 0547