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Name (line 1) William E. Allen		11/28/2001
Second Party		Execution Date Month Day Year
Name (line 1)		
Name (line 2)		$\Box 10/000285$
Receiving Party	Mark if additional names of r	receiving parties attached
Name (line 1) Caterpillar Inc.		If document to be recordent is an assignment and the
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Address (line 1) 100 N.E. Adams Street		of a domestic representative is attached. (Designation must be a
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Public burden reporting for this collection of information is estimated to gathering the data needed to complete the Cover Sheet. Send comment D.C. 20231 and to the Office of Information and Regulatory Afairs, Office Information Collection Budget Package 0651-0027, Patent and Tradema Mail documents to be recor Commissioner of Patents and T	regarding this burden estimate to the U.S. Patent and Trademark Office of Management and Budget, Paperwork Reduction Project (0651-0027),	e, Chief Information Officer, Washington, Washington, D.C. 20503. See OMB NMENT DOCUMENTS TO THIS ADDRESS

PATENT REEL: 012348 FRAME: 0084

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FORM PTC Expires 06/30/99 OMB 0651-0027	)-1619B	Page 2		U.S. Department of Commerce Patent and Trademark Office PATENT
Corresponde	ent Name and Address	Area Code and Telephone	Number (314)	849-4079
Name				
Hume	Steve D. Lundquist			
Address (line 1)	Caterpillar Inc.			
Address (line 2)	Intellectual Property D	epartment		
Address (line 3)	100 N. E. Adams Street			
Address (line 4)	Peoria, IL 61629-6490		······································	
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If this document is signed by the first	s being filed together with a <u>new</u> Pater t named executing inventor.	nt Application, enter the date the pat	ent application was	Month         Day         Year           11/28/2001
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To the P	best of my knowledge and bel	ief the foregoing informatio	ie true and an-	inat and any
attache	ed copy is a true copy of the or	iginal document. Charges t	o deposit accoun	t are authorized as
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		ANY IS	// \	
	re D. Lundquist	- Harthand	11	/30/2001
Name	of Person Signing	Signature		Date
		· · · ·		

PATENT REEL: 012348 FRAME: 0085

## ASSIGNMENT

WHEREAS, William E. Allen, residing at Peoria, Illinois, hereinafter referred to as ASSIGNOR, has invented a new and useful

## METHOD AND APPARATUS FOR TRACKING OBJECTS AT A SITE

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>November 28, 2001</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.

IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.

William E.	all
WILLIAM E. ALLEI	N

. .

11/28/01

IN WITNESS OF the execution hereof by WILLIAM E. ALLEN we have hereunto set our hands.

Michael JC Witness (1)	lue 11/28/01	Mi Con	WP	28 NOU 2
Witness (1)	Date	Witness (2)		Date
Address: <u>23 Woudd</u>				eller 4-2100
Motamora	IL 6/348	> Perro		114-2100

**RECORDED: 11/30/2001**