PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Arthur James TAYLOR	08/17/2004
Mark NICHOLS	08/13/2004
Philip JACKSON	08/17/2004

RECEIVING PARTY DATA

Name:	Caterpillar Trimble Control Technologies LLC	
Street Address:	5475 Kellenbufger Road	
City:	Datyton	
State/Country:	ОНЮ	
Postal Code:	45424	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	10928070	

CORRESPONDENCE DATA

Fax Number: (831)722-2350

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

bdinapoli@wagnerblecher.com Email:

Correspondent Name: Wagner Blecher LLP Address Line 1: 123 Westridge Drive

Address Line 4: Watsonville, CALIFORNIA 95076

ATTORNEY DOCKET NUMBER: TRMB-1510

NAME OF SUBMITTER: Brenda Dinapoli

Total Attachments: 3

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> PATENT REEL: 024346 FRAME: 0567

Docket No.:	TRMB1510

Assignment to Trimble Control Technologies LLC

Arth:	od and valuable consideration, receipt of which is he ur James Taylor	
do hereby sell, assign Corporation having its successors and assign	n and transfer unto Trimble Control Technologies is principal place of business at 5475 Kellenbufger in the entire right, title, and interest for the United States, including the right of priority in, to, and under	Road, Dayton, Ohio 45424-1099, and it: States and all foreign countries, in and t
A METHOD AND SYS	STEM FOR PERFORMING NON-CONTACT BASED	DETERMINATION OF THE POSITION
X filed herewith and United States an	d the inventions set forth and described therein, and ad of countries foreign thereto which may be granted	any and all Letters Patent of the thereon or therefore; or
Serial No.: and described th which may be gra	filed on erein, and any and all Letters Patent of the United anted thereon or therefore;	and the inventions set forth States and of countries foreign thereto
Further, I/we have agi Trimble business and Trimble;	reed to assign to Trimble all inventions (except as which were first conceived or actually reduced to	otherwise limited by law) which relate to practice during my/our employment by
execute and deliver will continuation, divisional its successors and assettes and in any controlled proceedings involving	onsideration, I/we agree promptly upon request of thout further compensation any power of attorney, a l or reissue, or other papers which may be necessar signs, the inventions described in said application arountry foreign thereto, and to cooperate and assaid inventions and in the adjudication or reexaminate incurred by me/us in lending such cooperation and	ssignment, application, whether original y or desirable fully to secure to Trimble nd all patent rights therein, in the United sist in the prosecution of interference ation of said Letters Patent provided the
mongage, license, or o	with Trimble, its successors, assigns, and legal repother agreement affecting the rights and property he and that full right to convey the same as herein expres	rein conveyed has been made to others
	re hereunto set my/our hand(s) and seal.	
Inventor's Signature	- Hoyle	Date: 17 Aug 2004
Witnesses: Witness' Signature:		Date: 7/8/04
Print or type name:	PETER LARGE	
Home Address:	4751 W89TH WAY WESTMINSTER, CO	<u> </u>
Nitness' Signature:		Date:
rint or type name:		
Home Address:		

PATENT

REEL: 024346 FRAME: 0568

rev: 11/97 epn

Docket No.: TRMB1510

Assignment to Caterpillar Trimble Control Technologies LLC

In consideration of goo Mark	d and valuable consideration, receipt of which is he Nichols	ereby acknowledged, I/we	
Ohio Corporation havir its successors and ass	and transfer unto Caterpillar Trimble Control Techning its principal place of business at 5475 Kellenburgingns, the entire right, title, and interest for the United ments, including the right of priority in, to, and und	ger Road, Dayton, Ohio 45424-1099, and ed States and all foreign countries, in and	
A METHOD AND SYSTOF AN IMPLEMENT	TEM FOR PERFORMING NON-CONTACT BASED	DETERMINATION OF THE POSITION	
	the inventions set forth and described therein, and d of countries foreign thereto which may be granted		
	filed on erein, and any and all Letters Patent of the United nted thereon or therefore;	and the inventions set forth States and of countries foreign thereto	
	reed to assign to CTCT all inventions (except as or which were first conceived or actually reduced to		
And for the above consideration, I/we agree promptly upon request of CTCT, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to CTCT, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by CTCT;			
I/we further covenant with CTCT, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;			
In witness whereof, I/w	e hereunto set my/our hand(s) and seal.		
Inventor's Signature	Mh	Date: 8/13/04.	
Witnesses: Witness' Signature:	Jania L. Arthon	Date: 8/13/04	
Print or type name:	Mark Nickels	••••	
Home Address:	279 Wooldvidge Rd	. Christ church New Zen	
Witness' Signature:		Date:	
Print or type name:		·····	
Home Address:	-		
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REEL: 024346 FRAME: 0569

Docket No.:	TRMB1510
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Assignment to Caterpillar Trimble Control Technologies LLC

In consideration of good a	and valuable consideration,	, receipt of which is hereby	acknowledged, I/we
do hereby sell, assign a CTCT), a Ohio Corporat 45424-1099, and its succeptive countries, in and application for the United	and transfer unto Caterpillion having its principal placessors and assigns, the date any and all improvements the patent entitled:	lar Trimble Control Technate of business at 5475 Kentire right, title, and interments, including the right of	ologies LLC (hereinafter called ellenburger Road, Dayton, Ohio est for the United States and all of priority in, to, and under, the
A METHOD AND SYSTE	M FOR PERFORMING NO		ERMINATION OF THE POSITION
X filed herewith and th	of collingles location interest	William in-	and all Letters Patent of the reon or therefore; or
Serial No.: and described ther	filed on ein, and any and all Letter ted thereon or therefore;	s Patent of the United Sta	and the inventions set forth tes and of countries foreign thereto
Further, I/we have agree	ed to assign to CTCT all in lich were first conceived o	,	rise limited by law) which relate to ce during my/our employment by
And for the above consexecute and deliver wi original, continuation, dito CTCT, its successor in the United States are interference proceeding Patent provided the expand by CTCT:	ivisional or reissue, or others and assigns, the invention of in any country foreign gs involving said inventior oenses which may be incur	r papers which may be necestary one described in said application thereto, and to cooperate as and in the adjudication ared by me/us in lending su	CT, its successors or assigns, to assignment, application, whether sessary or desirable fully to secure eation and all patent rights therein, and assist in the prosecution of or reexamination of said Letters ch cooperation and assistance are
I/we further covenant w mortgage, license, or o others by the undersig undersigned;	rith CTCT, its successors, other agreement affecting pand that full right to	assigns, and legal represe the rights and property he convey the same as here	ntatives that no assignment, grant, erein conveyed has been made to in expressed is possessed by the
In witness whereof, I/w	e hereunto set my/our han	d(s) and seal.	1
Inventor's Signature	11111		Date: 17 Aucust 2004
Witnesses: Witness' Signature:	P. I. Whiten		Date: 17 August 2004
Print or type name:	RAYMOND PETER	WILSON	
Home Address:	9B TE ONE PL	, CHRISTCHURCH	NEW ZEALAND.
Witness' Signature: Print or type name:	IAN VINEY		Date: 17 Aug O4
Home Address:	27 NONBRIDGE	PLACE, CHRISTCHI	RCH NEW ZEALAND
RECORDED: 05			PATENT EEL: 024346 FRAME: 0570