#### PATENT ASSIGNMENT

### Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Michael CASH	08/22/2011
D'Anne Beukelaur HANKS	07/11/2011
Arthur F. LANGE	07/15/2011
Brain JACKMAN	08/17/2011
Brian JACKSON	07/11/2011

#### **RECEIVING PARTY DATA**

Name:	Trimble Navigation Limited	
Street Address:	935 Stewart Drive	
City:	Sunnyvale	
State/Country:	CALIFORNIA	
Postal Code:	94085	

#### PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13172716	

#### **CORRESPONDENCE DATA**

Fax Number: (831)722-2350

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

Phone: 408-377-0500

Email: bdinapoli@wagnerblecher.com

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

Address Line 4: Watsonville, CALIFORNIA 95076

ATTORNEY DOCKET NUMBER:	TRMB-2860
NAME OF SUBMITTER:	Brenda Dinapoli

Total Attachments: 5

PATENT REEL: 026872 FRAME: 0164 , 00 07% H

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> PATENT REEL: 026872 FRAME: 0165

Attorney Docl	ket No.: TF	RMB-2860
7 100011103 2001		

Michael Cash

do hereby sell, assign and transfer unto Trimble Navigation Limited (hereinafter called Trimble), a California Corporation having its principal place of business at 935 Stewart Drive, Sunnyvale, California 94085, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

EXTENDABLE MOISTURE CONTENT SENSING SYSTEM

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we

EXTENDABLE MOISTURE CONTENT SENSING SYSTEM
filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; or
X Seriai No.: 13/172,716 filed on 06/29/2011 and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore;
Further, I/we have agreed to assign to Trimble all inventions (except as otherwise limited by law) which relate to Trimble business and which were first conceived or actually reduced to practice during my/our employment by Trimble;
And for the above consideration, I/we agree promptly upon request of Trimble, 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 Trimble, 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 Trimble;
I/we further covenant with Trimble, 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/we hereunto set my/our hand(s) and seal.
Inventor's Signature: Date: 8/22/11
Witnesses:
Witness' Signature: Date:
Print or type name: Michael F. Cash  Home Address: 146 Gravada Dr. Montain View, CA 94047
Home Address: 146 Gravada Dr. Montain View, CA 94047

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rev: 11/97 epn

Attorney Docket	No.:	TRMB-2860
7 10001110, 2001101	. ,	

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, l/we D'Anne Beukelaur Hanks				
do hereby sell, assign and transfer unto Trimble Navigation Limited (hereinafter called Trimble), a California Corporation having its principal place of business at 935 Stewart Drive, Sunnyvale, California 94085, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:				
	EXTENDABLE MOISTURE CONTENT SENSING SYSTEM			
	the inventions set forth and described therein, and any and all Letters Patent of the d of countries foreign thereto which may be granted thereon or therefore; or			
X Serial No.: 13/172,716 filed on 06/29/2011 and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore;				
Further, I/we have agreed to assign to Trimble all inventions (except as otherwise limited by law) which relate to Trimble business and which were first conceived or actually reduced to practice during my/our employment by Trimble;				
And for the above consideration, I/we agree promptly upon request of Trimble, 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 Trimble, 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 Trimble;				
I/we further covenant with Trimble, 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/we hereunto set my/our hand(s) and seal.				
Inventor's Signature:	NAme Benkelan Hanks 7/11/2011			
Witnesses:				
Witness' Signature:	Date:			
Print or type name:	D'Anne Beukelaer Hanks			
Home Address:	3795 Rocky Knoll Way, Santa Rosa, CA, 95404			

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Attorney Docket No.: TRMB-2860

# **Assignment to Trimble Navigation Limited**

	od and valuable consider <sup>-</sup> F. Lange	ation, receipt of which	h is hereby ackn	owledged, I/w	re
do hereby sell, assig Corporation having its successors and assig	n and transfer unto Tri s principal place of busi ns, the entire right, title, a nents, including the right	ness at 935 Stewart and interest for the U	t Drive, Sunnyva nited States and	ile, California all foreign co	e 94085, and i ountries, in and
	EXTENDABLE MO	ISTURE CONTENT	SENSING SYST	<u>EM</u>	
	d the inventions set forth ad of countries foreign the				
X Serial No.: 13/1 and described th which may be gra	172,716 filed on erein, and any and all L anted thereon or therefor	06/29/2011 etters Patent of the l e;	Jnited States an	and the inve d of countrie	ntions set forth s foreign thereto
	reed to assign to Trimble which were first concei				
execute and deliver w continuation, divisional its successors and as States and in any c proceedings involving	onsideration, I/we agree ithout further compensation or reissue, or other papsigns, the inventions descentive foreign thereto, said inventions and in the incurred by me/us in less the said inventions and in the said incurred by me/us in less the said incurred by me/us	on any power of attorers which may be ne cribed in said application to cooperate a set adjudication or ree	rney, assignmen cessary or desira ation and all pate nd assist in the examination of sa	t, application, able fully to so ant rights ther prosecution aid Letters Pa	whether origina ecure to Trimble ein, in the Unite n of interference stent provided the
mortgage, license, or	with Trimble, its successother agreement affection and that full right to convey	g the rights and prop	erty herein conve	eyed has bee	n made to other
In witness whereof, I/v	ve hereunto set my/our h	and(s) and seal.			
Inventor's Signature:	auth I	50	Date:	15 Ja	dy 201,
Witnesses:	11 1/	.bre_			U
Witness' Signature:	y ·		Date:	JV) (.	5, 201)
Print or type name:	***************************************	ROSA	······································		
Home Address:	402 Pende	gast st, w	oodland	CA	95695

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Brian Jackman				
do hereby sell, assign and transfer unto Trimble Navigation Limited (he Corporation having its principal place of business at 935 Stewart Drive, successors and assigns, the entire right, title, and interest for the United Stany and all improvements, including the right of priority in, to, and under patent entitled:	Sunnyvale, California 94085, and its ates and all foreign countries, in and to			
EXTENDABLE MOISTURE CONTENT SENSIN	G SYSTEM			
filed herewith and the inventions set forth and described therein, and ar United States and of countries foreign thereto which may be granted the				
X Serial No.: 13/172,716 filed on 06/29/2011 and described therein, and any and all Letters Patent of the United S which may be granted thereon or therefore;	and the inventions set forth tates and of countries foreign thereto			
Further, I/we have agreed to assign to Trimble all inventions (except as of Trimble business and which were first conceived or actually reduced to partially trimble;				
And for the above consideration, I/we agree promptly upon request of a execute and deliver without further compensation any power of attorney, association, divisional or reissue, or other papers which may be necessary its successors and assigns, the inventions described in said application and States and in any country foreign thereto, and to cooperate and assigned proceedings involving said inventions and in the adjudication or reexaminate expenses which may be incurred by me/us in lending such cooperation and	signment, application, whether original or desirable fully to secure to Trimble d all patent rights therein, in the United st in the prosecution of interference tion of said Letters Patent provided the			
I/we further covenant with Trimble, its successors, assigns, and legal representage, license, or other agreement affecting the rights and property here by the undersigned, and that full right to convey the same as herein express	ein conveyed has been made to other			
In witness whereof, I/we hereunto set my/our hand(s) and seal.				
Inventor's Signature:	Date: \$\\ \  \  \  \  \  \  \  \  \  \  \  \  \			
Witnesses:				
Witness' Signature:	Date:			

Print or type name:

Home Address:

Attorney Docket No.: TRMB-2860

Page 1 of 1 **PATENT REEL: 026872 FRAME: 0169** 

Attorney	Docket No.:	TRMB-2860
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In consideration of good and valuable consideration, receipt of which is hereby acknowledged. I/we Brian A. Jackson do hereby sell, assign and transfer unto Trimble Navigation Limited (hereinafter called Trimble), a California Corporation having its principal place of business at 935 Stewart Drive, Sunnyvale, California 94085, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled: EXTENDABLE MOISTURE CONTENT SENSING SYSTEM filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; or and the inventions set forth filed on 06/29/2011 X Serial No.: 13/172,716 and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; Further, I/we have agreed to assign to Trimble all inventions (except as otherwise limited by law) which relate to Trimble business and which were first conceived or actually reduced to practice during my/our employment by Trimble: And for the above consideration, I/we agree promptly upon request of Trimble, 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 Trimble, 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 Trimble; I/we further covenant with Trimble, 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/we hereunto set my/our hand(s) and seal. Inventor's Signature: Witnesses: Witness' Signature: Print or type name: Home Address:

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