502690176 02/21/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2736781

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBERT BARNWELL ELLIOTT PUCKETTE	05/06/2013
JONATHAN MUSCH	05/07/2013
JOHN CRONKRITE	05/06/2013
CHUN-HAN CHEN	12/23/2013
CHIN WEI CHEN	12/23/2013
KUO-CHAN HUANG	12/23/2013
IOANNIS ALEXANDROS STASINOPOULOS	12/23/2013
MING-HSEUH TSAI	12/23/2013
NICK VASILJEVIC	02/05/2014
GERALD STEIGER	05/16/2012

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:	29433153

CORRESPONDENCE DATA

 Fax Number:
 (831)722-2350

 Phone:
 408-377-0500

Email: patents@wagnerblecher.com

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

Correspondent Name: TRIMBLE NAVIGATION LIMITED C/O WAGNER BL

Address Line 1: 123 WESTRIDGE DRIVE

PATENT

502690176 REEL: 032268 FRAME: 0016

Address Line 4: WATSONVILLE, CALIFORNIA 95076	
ATTORNEY DOCKET NUMBER:	TRMB-3168
NAME OF SUBMITTER:	BRENDA DINAPOLI
Signature:	/Brenda Dinapoli/
Date:	02/21/2014
Total Attachments: 10 source=TRMB-3168 ASSN#page1.tif source=TRMB-3168 ASSN#page2.tif source=TRMB-3168 ASSN#page3.tif source=TRMB-3168 ASSN#page4.tif source=TRMB-3168 ASSN#page5.tif source=TRMB-3168 ASSN#page6.tif source=TRMB-3168 ASSN#page7.tif source=TRMB-3168 ASSN#page8.tif source=TRMB-3168 ASSN#page9.tif source=TRMB-3168 ASSN#page9.tif	

PATENT REEL: 032268 FRAME: 0017

Attorney Docket No.	: TRMB-3168
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In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Gerald STEIGER 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:
RUGGED TABLET COMPUTER
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 Serial No.: 29/433,153 filed on September 26, 2012 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:
Witnesses: Pay 16, 6/3
Witness' Signature: Date: 12/16/17
Print or type name: CACY 155T
Home Address: 2556 NW SKYLINE TOP ALEANY DIZ 5732/

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rev: 11/97 epn

Attorney Docket	No.: TF	RMB-3168	وخندمنده

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Robert Barnwell Elliott PUCKETTE 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: RUGGED TABLET COMPUTER 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 Serial No.: 29/433,153 filed on September 26, 2012 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: Witnesses: Date: 6-MAY-20(3 Witness' Signature: Print or type name: NE CONIFER BLUD, #F CORVALUS OR 97330 Home Address:

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Attorney Docket No	TOMO OLGO
Altorney Docker No	1 LZIAID-9 1.00
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In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Jonathan MUSCH
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:
RUGGED TABLET COMPUTER
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 Serial No.: 29/433,153 filed on September 26, 2012 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: MAY 7 20 (3)
Witnesses:
Witness' Signature: Date: 12/19/13
Print or type name: CARY KIRST
Home Address: 2556 NW SKYWIE TOR ALRAMY DIZ G732/

Attorney Docket No.:	TRMB-3168
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n consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we John CRONKRITE	
lo hereby sell, assign and transfer unto Trimble Navigation Limited (hereinafter called Trimble), a Calificorporation having its principal place of business at 935 Stewart Drive, Sunnyvale, California 94085, and uccessors and assigns, the entire right, title, and interest for the United States and all foreign countries, in an any and all improvements, including the right of priority in, to, and under, the application for the United Statent entitled:	id its
RUGGED TABLET COMPUTER	
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 Serial No.: 29/433,153 filed on September 26, 2012 and the inventions set for and described therein, and any and all Letters Patent of the United States and of countries foreign the which may be granted thereon or therefore;	th reto
further, I/we have agreed to assign to Trimble all inventions (except as otherwise limited by law) which rela rimble business and which were first conceived or actually reduced to practice during my/our employment rimble;	
and for the above consideration, I/we agree promptly upon request of Trimble, its successors or assign 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 Trimbs successors and assigns, the inventions described in said application and all patent rights therein, in the Unitates and in any country foreign thereto, and to cooperate and assist in the prosecution of interferomagnetic involving said inventions and in the adjudication or reexamination of said Letters Patent provided expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Trimble;	ginal, nble, nited ence
we further covenant with Trimble, its successors, assigns, and legal representatives that no assignment, g nortgage, license, or other agreement affecting the rights and property herein conveyed has been made to ot y the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigne	hers
witness whereof, I/we hereunto set my/our hand(s) and seal.	
nventor's Signature: Date: 5/6/13	
Vitnesses:	
Vitness' Signature: Date: 5/6//3	minimi.
rint or type name: CARY KIEST	
lome Address: 2556 Almy Skyl INTE TED ALBANY DR 9 2321	

Assignment to Trimble Navigation Limited
In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Chun-Han CHEN do hereby self, assign and transfer unto Trimble Navigation Limited (hereinafter called Trimble), a Californi Corporation having its principal place of business at 935 Stewart Drive, Sunnyvale, California 94085, and it successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and I any and all improvements, including the right of priority in, to, and under, the application for the United State patent entitled:
RUGGED TABLET COMPUTER
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 Serial No.: 29/433,153 filed on September 26, 2012 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, it 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: Chan Han Chan Date: DEC 2 3 2013
Witnesses:

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Date:

Witness' Signature:

Print or type name:

Home Address:

In consideration of good and valuable consideration, receipt of which is Chih Wei CHEN do hereby sell, assign and transfer unto Trimble Navigation Limited Corporation having its principal place of business at 935 Stewart Drisuccessors and assigns, the entire right, title, and interest for the Uniterary and all improvements, including the right of priority in, to, and unpatent entitled:	(hereinafter called Trimble), a California ive, Sunnyvale, California 94085, and its d States and all foreign countries, in and to
RUGGED TABLET COMPUT	ER
filed herewith and the inventions set forth and described therein, ar United States and of countries foreign thereto which may be grant	
X Serial No.: 29/433,153 filed on September 26, 2012 and described therein, and any and all Letters Patent of the Unife which may be granted thereon or therefore;	and the inventions set forth ed States and of countries foreign thereto
Further, I/we have agreed to assign to Trimble all inventions (except a Trimble business and which were first conceived or actually reduced Trimble;	s otherwise limited by law) which relate to to practice during my/our employment by
And for the above consideration, I/we agree promptly upon request execute and deliver without further compensation any power of attorney continuation, divisional or reissue, or other papers which may be necess its successors and assigns, the inventions described in said application. States and in any country foreign thereto, and to cooperate and proceedings involving said inventions and in the adjudication or reexame expenses which may be incurred by me/us in lending such cooperation.	, assignment, application, whether original, ary or desirable fully to secure to Trimble and all patent rights therein, in the United assist in the prosecution of interference lination of said Letters Patent provided the
I/we further covenant with Trimble, its successors, assigns, and legal r mortgage, license, or other agreement affecting the rights and property by the undersigned, and that full right to convey the same as herein expr	herein conveyed has been made to others
in witness whereof, I/we hereunto set my/our hand(s) and seal.	
Inventor's Signature: (Lish Nex Ches-	Dec 2 3 2013
Witnesses:	
Witness' Signature:	Date:
Print or type name:	
Home Address:	

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Assignment to Trimble Navigation Limited
In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Kuo-chan HUANG
do hereby self, assign and transfer unto Trimbie Navigation Limited (hereinafter called Trimbie), a California Corporation having its principal place of business at 935 Stewart Drive, Sunnyvale, California 94085, and it successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and tany and all improvements, including the right of priority in, to, and under, the application for the United State patent entitled:
RUGGED TABLET COMPUTER
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 Serial No.: 29/433,153 filed on September 26, 2012 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 t Trimble business and which were first conceived or actually reduced to practice during my/our employment b 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:
l/we further covenant with Trimble, its successors, assigns, and legal representatives that no assignment, grant mortgage, license, or other agreement affecting the rights and properly herein conveyed has been made to othen 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:

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Witnesses:

Witness' Signature:

Print or type name:

Home Address:

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Attorney Docket No. TRMB-3168

Home Address:

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Igannis Alexandros STASINOPOULOS 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: RUGGED TABLET COMPUTER 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 X Seriai No.: 29/433,153 filed on September 26, 2012 and described therein, and any and all Latters 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, l/we hereunto set my/our hand(s) and seal. Date: DEC 2 3 2013 Inventor's Signature: Witnesses: Witness' Signature: Print or type name:

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Mirig-Hsueh TSAI
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 it any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:
RUGGED TABLET COMPUTER
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 Serial No.: 29/433,153 filed on <u>September 26, 2012</u> 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 properly 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: DEC 2 3 2013
Witnesses:
Witness' Signature: Date:

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Print or type name:

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