

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Michael F Cash</td> <td>05/16/2012</td> </tr> <tr> <td>Douglas B Mayfield</td> <td>05/16/2012</td> </tr> <tr> <td>Gregory D Chiocco</td> <td>05/17/2012</td> </tr> <tr> <td>Geoffrey W Mirfin</td> <td>05/17/2012</td> </tr> </tbody> </table>		Name	Execution Date	Michael F Cash	05/16/2012	Douglas B Mayfield	05/16/2012	Gregory D Chiocco	05/17/2012	Geoffrey W Mirfin	05/17/2012		
Name	Execution Date												
Michael F Cash	05/16/2012												
Douglas B Mayfield	05/16/2012												
Gregory D Chiocco	05/17/2012												
Geoffrey W Mirfin	05/17/2012												
RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Trimble Navigation Limited</td> </tr> <tr> <td>Street Address:</td> <td>IP Department</td> </tr> <tr> <td>Internal Address:</td> <td>935 Stewart Drive</td> </tr> <tr> <td>City:</td> <td>Sunnyvale</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94085</td> </tr> </table>		Name:	Trimble Navigation Limited	Street Address:	IP Department	Internal Address:	935 Stewart Drive	City:	Sunnyvale	State/Country:	CALIFORNIA	Postal Code:	94085
Name:	Trimble Navigation Limited												
Street Address:	IP Department												
Internal Address:	935 Stewart Drive												
City:	Sunnyvale												
State/Country:	CALIFORNIA												
Postal Code:	94085												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13472013</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13472013								
Property Type	Number												
Application Number:	13472013												
CORRESPONDENCE DATA													
<p>Fax Number: (000)000-0000          Phone: 6504884485          Email: ulman@nupat.com  <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Morrison Ulman          Address Line 1: NUPAT, LLC          Address Line 2: PO Box 1811          Address Line 4: Mountain View, CALIFORNIA 94042-1811</p>													
ATTORNEY DOCKET NUMBER:	A3087												
NAME OF SUBMITTER:	Morrison Ulman												

OP \$40.00 13472013

**Total Attachments: 4**

source=sassnCash#page1.tif

source=sassnMayfield#page1.tif

source=sassnChiocco#page1.tif

source=sassnMirfin#page1.tif

**PATENT**

**REEL: 028225 FRAME: 0326**

## ASSIGNMENT

WHEREAS, I, Michael F Cash ("Assignor"), a citizen of the United States of America, residing in Mountain View, CA, have invented certain new and useful inventions entitled "Agricultural Rate Management" for which application number 13/472,013 for a United States Patent was filed on 5/15/2012; and

WHEREAS, Trimble Navigation Limited, ("Assignee"), a corporation duly organized under the laws of the State of California, and having its offices and place of business at Sunnyvale, CA, is desirous of acquiring the entire right, title and interest in and to the aforesaid inventions and in and to all applications and Patents therefor granted in the United States of America, and in any and all countries foreign thereto;

NOW, THEREFORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I said Assignor, by these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives, the full and exclusive right, title and interest for the territory of the United States of America and all countries foreign thereto, and throughout the world and in space, (including the right to apply for Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and Patents granted therefor, and all divisions, reissues, continuations, and extensions thereof, and in and to all copyrights, trademarks, with their associated goodwill, trade secrets, confidential information, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize and request the Director of the United States Patent and Trademark Office, and any official whose duty it is to issue patents, to issue all Patents on said inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and interest. I represent that I have the full right to agree to, execute, and deliver this assignment. I agree that I will without further consideration communicate to said Assignee, or its successors, assigns, or nominees, any and all facts known to me regarding said inventions whenever requested, and that I will execute all divisional, reissue, and continuation applications, testify in legal proceedings, sign all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this

16<sup>th</sup> day of May 2012.



Michael F Cash

## ASSIGNMENT

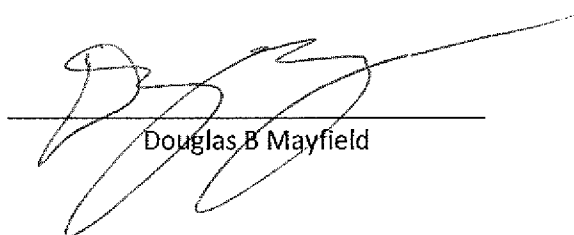
WHEREAS, I, Douglas B Mayfield ("Assignor"), a citizen of the United States of America, residing in Fremont, CA, have invented certain new and useful inventions entitled "Agricultural Rate Management" for which application number 13/472,013 for a United States Patent was filed on 5/15/2012; and

WHEREAS, Trimble Navigation Limited, ("Assignee"), a corporation duly organized under the laws of the State of California, and having its offices and place of business at Sunnyvale, CA, is desirous of acquiring the entire right, title and interest in and to the aforesaid inventions and in and to all applications and Patents therefor granted in the United States of America, and in any and all countries foreign thereto;

NOW, THEREFORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I said Assignor, by these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives, the full and exclusive right, title and interest for the territory of the United States of America and all countries foreign thereto, and throughout the world and in space, (including the right to apply for Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and Patents granted therefor, and all divisions, reissues, continuations, and extensions thereof, and in and to all copyrights, trademarks, with their associated goodwill, trade secrets, confidential information, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize and request the Director of the United States Patent and Trademark Office, and any official whose duty it is to issue patents, to issue all Patents on said inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and interest. I represent that I have the full right to agree to, execute, and deliver this assignment. I agree that I will without further consideration communicate to said Assignee, or its successors, assigns, or nominees, any and all facts known to me regarding said inventions whenever requested, and that I will execute all divisional, reissue, and continuation applications, testify in legal proceedings, sign all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this

16 day of May 2012.

  
\_\_\_\_\_  
Douglas B Mayfield

## ASSIGNMENT

WHEREAS, I, Gregory D Chiocco ("Assignor"), a citizen of the United States of America, residing in Sunnyvale, CA, have invented certain new and useful inventions entitled "Agricultural Rate Management" for which application number 13/472,013 for a United States Patent was filed on 5/15/2012; and

WHEREAS, Trimble Navigation Limited, ("Assignee"), a corporation duly organized under the laws of the State of California, and having its offices and place of business at Sunnyvale, CA, is desirous of acquiring the entire right, title and interest in and to the aforesaid inventions and in and to all applications and Patents therefor granted in the United States of America, and in any and all countries foreign thereto;

NOW, THEREFORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I said Assignor, by these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives, the full and exclusive right, title and interest for the territory of the United States of America and all countries foreign thereto, and throughout the world and in space, (including the right to apply for Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and Patents granted therefor, and all divisions, reissues, continuations, and extensions thereof, and in and to all copyrights, trademarks, with their associated goodwill, trade secrets, confidential information, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize and request the Director of the United States Patent and Trademark Office, and any official whose duty it is to issue patents, to issue all Patents on said inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and interest. I represent that I have the full right to agree to, execute, and deliver this assignment. I agree that I will without further consideration communicate to said Assignee, or its successors, assigns, or nominees, any and all facts known to me regarding said inventions whenever requested, and that I will execute all divisional, reissue, and continuation applications, testify in legal proceedings, sign all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this

17 day of MAY 2012.

  
\_\_\_\_\_  
Gregory D Chiocco

# ASSIGNMENT

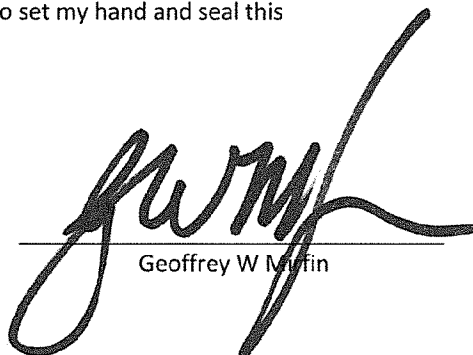
WHEREAS, I, Geoffrey W Mirfin ("Assignor"), a citizen of New Zealand, residing in Christchurch, New Zealand have invented certain new and useful inventions entitled "Agricultural Rate Management" for which application number 13/472,013 for a United States Patent was filed on 5/15/2012; and

WHEREAS, Trimble Navigation Limited, ("Assignee"), a corporation duly organized under the laws of the State of California, and having its offices and place of business at Sunnyvale, CA, is desirous of acquiring the entire right, title and interest in and to the aforesaid inventions and in and to all applications and Patents therefor granted in the United States of America, and in any and all countries foreign thereto;

NOW, THEREFORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I said Assignor, by these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives, the full and exclusive right, title and interest for the territory of the United States of America and all countries foreign thereto, and throughout the world and in space, (including the right to apply for Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and Patents granted therefor, and all divisions, reissues, continuations, and extensions thereof, and in and to all copyrights, trademarks, with their associated goodwill, trade secrets, confidential information, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize and request the Director of the United States Patent and Trademark Office, and any official whose duty it is to issue patents, to issue all Patents on said inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and interest. I represent that I have the full right to agree to, execute, and deliver this assignment. I agree that I will without further consideration communicate to said Assignee, or its successors, assigns, or nominees, any and all facts known to me regarding said inventions whenever requested, and that I will execute all divisional, reissue, and continuation applications, testify in legal proceedings, sign all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this

17 day of May 2012.



Geoffrey W Mirfin