

05-26-2006

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office



103246257

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**

Xiaorong Zhi  
Yiming Yu  
Joseph W. Fontes

Execution Date(s) 5/19/2006

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: Trimble Navigation Limited

Internal Address: \_\_\_\_\_

Intellectual Property Department

Street Address: 935 Stewart Drive

City: Sunnyvale

State: California

Country: USA Zip: 94085

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Application or patent number(s):**

A. Patent Application No.(s)

☒ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: David R. Gildea

Internal Address: Menlo Patent Agency LLC

Street Address: 435 Hermosa Way

City: Menlo Park

State: California Zip: 94025

Phone Number: 650-853-0189

Fax Number: 650-324-9111

Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved:**

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40**

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☒ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 071248

Authorized User Name David R. Gildea

**9. Signature:**

David R. Gildea

Signature

5/19/2006

Date

David R. Gildea

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1460, Alexandria, V.A. 22313-1460

11326 U.S. PTO

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Docket: A1788

05 FC:8021

40.00 DP

PATENT  
REEL: 017920 FRAME: 0222

# Assignment to Trimble Navigation Limited

Docket No.: A1788

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

Xiaorong Zhi

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:

Fast Time to First Fix by Calibration of a Real Time Clock

☒ 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

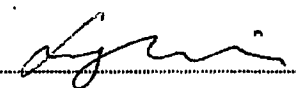
Serial No.: \_\_\_\_\_ filed on \_\_\_\_\_ and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore;

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;

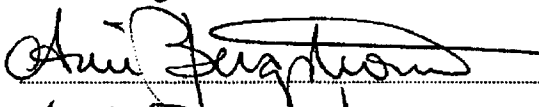
And for the above consideration, I/we agree promptly upon request of Trimble, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or 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.

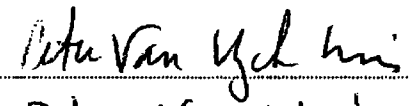
Inventor's Signature:  Date: 5/18/06

Witnesses:

Witness' Signature:  Date: 18 May 2006

Print or type name: Ami Bergstrom

Home Address: 250 Santa Fe Trail #319, Sunnyvale, CA 94085

Witness' Signature:  Date: 18 May 2006

Print or type name: Peter Van Wyck Loomis

Home Address: 639 Oneida Drive, Sunnyvale CA 94087

# Assignment to Trimble Navigation Limited

Docket No.: A1788

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

Yiming Yu

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:

Fast Time to First Fix by Calibration of a Real Time Clock

☒ 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

Serial No.: \_\_\_\_\_ filed on \_\_\_\_\_ 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

Yiming Yu

Date:

5/18/2006

Witnesses:

Witness' Signature:

Ani Bergstrom

Date:

18 May 2006

Print or type name:

Ani Bergstrom

Home Address:

250 Santa Fe Trail #319, Sunnyvale, CA 94085

Witness' Signature:

Peter Van Wyck Loomis

Date:

18 May 2006

Print or type name:

Peter Van Wyck Loomis

Home Address:

639 Oneida Drive, Sunnyvale, CA 94087

Docket No.: A1788

# Assignment to Trimble Navigation Limited

Docket No.: A1788

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

Joseph W. Fontes

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:

Fast Time to First Fix by Calibration of a Real Time Clock

☒ 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

Serial No.: \_\_\_\_\_ filed on \_\_\_\_\_ 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

*Joseph W. Fontes*

Date: 5/18/06

Witnesses:

Witness' Signature:

*Ami Bergstrom*

Date: 18 May 2006

Print or type name:

Ami Bergstrom

Home Address:

250 Santa Fe Trail #319, Sunnyvale, CA 94085

Witness' Signature:

*Peter Van Wyck Loomis*

Date: 18 May 2006

Print or type name:

Peter Van Wyck Loomis

Home Address:

639 Oneida Drive, Sunnyvale, CA 94087

PATENT

RECORDED: 05/19/2006

REEL: 017920 FRAME: 0225