

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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|------------------------------|--|
| SUBMISSION TYPE: | CORRECTIVE ASSIGNMENT |
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the naming of William Levy, Fusion Alliance, Leon R. Organ III, and Software Engineering Professionals Inc. in this recording previously recorded on Reel 025872 Frame 0647. Assignor(s) hereby confirms the correct assignors are James R. Long, Jason M. Bush, Kristin M. Westerfield, Hans F. Jensen and D. Bradley Markisohn. |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------|----------------|
| James R. Long | 12/14/2010 |
| Jason M. Bush | 02/28/2011 |
| Kristin M. Westerfield | 02/16/2011 |
| Hans F. Jensen | 02/03/2011 |
| D. Bradley Markisohn | 12/14/2010 |

RECEIVING PARTY DATA

| | |
|------------------------|------------------------------------|
| Name: | Roche Diagnostics Operations, Inc. |
| Street Address: | 9115 Hague Road |
| City: | Indianapolis |
| State/Country: | INDIANA |
| Postal Code: | 46250 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12905431 |

CORRESPONDENCE DATA

Fax Number: (248)641-0270
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 248-641-1600
 Email: crichard@hdp.com
 Correspondent Name: Stephen J. Foss
 Address Line 1: P.O. Box 828
 Address Line 4: Bloomfield Hills, MICHIGAN 48303

ATTORNEY DOCKET NUMBER: 15878A-000005/US

PATENT

501503496

REEL: 026139 FRAME: 0920

CH \$40.00 12905431

NAME OF SUBMITTER:

Erica K. Schaefer

Total Attachments: 9

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PATENT ASSIGNMENT

Electronic Version v1.1
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|------------------------------|----------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---|----------------|
| James R. Long | 12/14/2010 |
| Jason M. Bush | 02/28/2011 |
| Kristin M. Westerfield | 02/16/2011 |
| Hans P. Jensen | 02/03/2011 |
| D. Bradley Markisohn | 12/14/2010 |
| William Levy <i>delete</i> | 01/06/2011 |
| Fusion Alliance, Inc. <i>delete</i> | 01/06/2011 |
| Leon R. Organ, III <i>delete</i> | 12/20/2010 |
| Software Engineering Professionals, Inc. <i>delete</i> | 12/20/2010 |

RECEIVING PARTY DATA

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|------------------------|------------------------------------|
| Name: | Roche Diagnostics Operations, Inc. |
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 Address Line 4: Bloomfield Hills, MICHIGAN 48303

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|---|---------------------|
| ATTORNEY DOCKET NUMBER: | 15878A-000005/US |
| NAME OF SUBMITTER: | Erica K. Schaefer |
| Signature: | /Erica K. Schaefer/ |
| Date: | 02/28/2011 |
| Total Attachments: 10 source=12905431_Assignment#page1.tif source=12905431_Assignment#page2.tif source=12905431_Assignment#page3.tif source=12905431_Assignment#page4.tif source=12905431_Assignment#page5.tif source=12905431_Assignment#page6.tif source=12905431_Assignment#page7.tif source=12905431_Assignment#page8.tif source=12905431_Assignment#page9.tif source=12905431_Assignment#page10.tif | |
| RECEIPT INFORMATION | |
| EPAS ID: | PAT1478223 |
| Receipt Date: | 02/28/2011 |
| Fee Amount: | \$40 |

**Assignment of Rights, Title and Interest in Invention
(Multiple Inventors; single assignee)**

Docket No.
26809 US-dc/NDR9676

This is an Assignment of the following rights, title and interest: (check all that apply):

- United States of America rights, title and interest in the invention*
- Foreign rights, title and interest in the invention*
- United States Patent Application Serial No. 12/905,431*
Date of Execution: _____ Date of Filing: October 15, 2010
- United States Provisional Patent Application Serial No. _____*
- United States Patent No(s). _____*
- International (PCT) Patent Application Serial No. _____*
- Other (specify) _____*

Title of the Invention

TIME BLOCK MANIPULATION FOR INSULIN INFUSION DELIVERY

Inventors (assignors)

| <i>Name</i> | <i>Address</i> |
|-------------------------------|--|
| James R. Long | 11149 Beardsley Way, Fishers, IN 46038 |
| Jason M. Bush | 10379 Bristlecone Dr., Fishers, IN 46038 |
| Kristin M. Westerfield | 521 Pebble Drive, Fortville, IN 46040 |
| Hans P. Jensen | 11173 Hearthstone Drive, Fishers, IN 46037 |
| D. Bradley Markisohn | 7811 Prairie View Drive, Indianapolis, IN 46256 |
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Assignee

| <i>Name</i> | <i>Address</i> |
|---|---|
| Roche Diagnostics Operations, Inc. | 9115 Hague Road Indianapolis, IN 46250 |

Assignment of Rights, Title and Interest in Invention
(Multiple Inventors; single assignee)

Docket No.

Whereas we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And whereas we desire to assign our above-identified rights; title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventor's Signatures

WITNESS Assignor's hand this 14 day of December, 2010.

James R. Long
JAMES R. LONG

STATE OF Indiana)
COUNTY OF Marion) SS:

On this the 14th day of December, 2010, before me Karla Dirks, the undersigned Notary Public, personally appeared James R. Long,

- personally known to me
- proved to me on the basis of satisfactory evidence

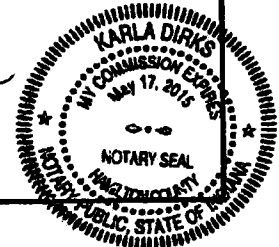
to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same for purposes therein stated.

WITNESS my hand and official seal.

Karla Dirks
Notary Public

My Commission Expires:

May 17, 2015



WITNESS Assignor's hand this 28 day of February, 2011.

JMB
JASON M. BUSH

STATE OF Indiana
COUNTY OF Marion) SS:

On this the 28th day of February, 2011, before me Karla Dirks, the undersigned Notary Public, personally appeared Jason M Bush,

- personally known to me
- proved to me on the basis of satisfactory evidence

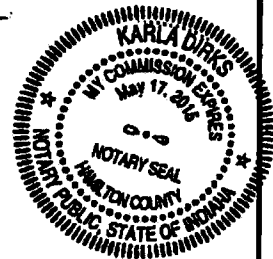
to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same for purposes therein stated.

WITNESS my hand and official seal.

Karla Dirks
Notary Public

My Commission Expires:

May 17, 2015



WITNESS Assignor's hand this 16 day of February, 2011.

Kristin W Westerfield
KRISTIN W. WESTERFIELD
M.
KMW 2/16/2011

STATE OF Indiana
COUNTY OF Marion) SS:

On this the 16th day of February, 2011, before me Karla Dirks, the undersigned Notary Public, personally appeared Kristin W. Westerfield,

- personally known to me
- proved to me on the basis of satisfactory evidence

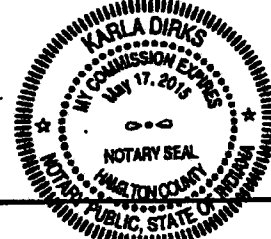
to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same for purposes therein stated.

WITNESS my hand and official seal.

Karla Dirks
Notary Public

My Commission Expires:

May 17, 2015



WITNESS Assignor's hand this 3rd day of February, 2011.

Hans P. Jensen
HANS P. JENSEN

STATE OF Indiana
COUNTY OF Marion) SS:

On this the 3rd day of February, 2011, before me Karla Dirks, the undersigned Notary Public, personally appeared Hans P. Jensen,

- personally known to me
- proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same for purposes therein stated.

WITNESS my hand and official seal.

Karla Dirks
Notary Public

My Commission Expires:

May 17, 2015

WITNESS Assignor's hand this 1st day of February, 2011.

D. Bradley Markisohn
D. BRADLEY MARKISOHN

STATE OF Indiana
COUNTY OF Marion) SS:

On this the 14th day of December, 2010, before me Karla Dirks, the undersigned Notary Public, personally appeared D. Bradley Markisohn,

- personally known to me
- proved to me on the basis of satisfactory evidence

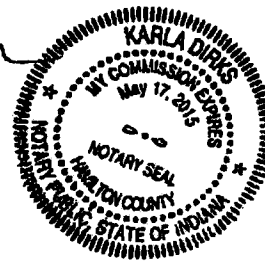
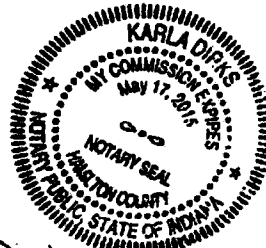
to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same for purposes therein stated.

WITNESS my hand and official seal.

Karla Dirks
Notary Public

My Commission Expires:

May 17, 2015



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Roche Diagnostics Operations, Inc.

Application No./Patent No.: 12/905,431 Filed/Issue Date: October 15, 2010

Titled: TIME BLOCK MANIPULATION FOR INSULIN INFUSION DELIVERY

Roche Diagnostics Operations, Inc., a corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- 1. the assignee of the entire right, title, and interest in;
- 2. an assignee of less than the entire right, title, and interest in (The extent (by percentage) of its ownership interest is _____ %); or
- 3. the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made) the patent application/patent identified above, by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy therefore is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet(s).

As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Stephen J. Foss
Signature

February 28, 2011
Date

Stephen J. Foss
Printed or Typed Name

Attorney of record
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT