

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

| Name                   | Execution Date |
|------------------------|----------------|
| Arsen Ibranyan         | 06/11/2008     |
| Julian D. Kavazov      | 05/30/2008     |
| David Hezzell          | 06/02/2008     |
| Christopher G. Griffin | 06/02/2008     |
| Benjamin X. Shen       | 06/03/2008     |
| Mike Lee               | 06/02/2008     |
| Thomas Miller          | 06/02/2008     |

RECEIVING PARTY DATA

|                 |                         |
|-----------------|-------------------------|
| Name:           | Medtronic MiniMed, Inc. |
| Street Address: | 18000 Devonshire Street |
| City:           | Northridge              |
| State/Country:  | CALIFORNIA              |
| Postal Code:    | 91325-1219              |

PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 12111751 |

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:

047711-0413

PATENT

500566591

REEL: 021095 FRAME: 0815

OP \$40.00 12111751

NAME OF SUBMITTER:

Ted R. Rittmaster

Total Attachments: 7

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**PATENT**

**REEL: 021095 FRAME: 0816**

FORM PTO-1595 (modified)

U.S. DEPARTMENT OF COMMERCE

(Rev 6-93)

# RECORDATION FORM COVER SHEET

## PATENTS ONLY

Patent and Trademark Office

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copies thereof.

|  |  |   |  |
|--|--|---|--|
| 1. Name of conveying party(ies):<br><br><b>Arsen Ibranyan<br/>Julian D. Kavazov<br/>David Hezzell<br/>Christopher G. Griffin<br/>Benjamin X. Shen<br/>Mike Lee<br/>Thomas Miller</b>   |  | 2. Name and address of receiving party(ies):<br><br><b>Medtronic MiniMed, Inc.<br/>18000 Devonshire Street<br/>Northridge, CA 91325-1219</b>  |  |
| Additional conveying party(ies) <b>NO</b>  |  |   |  |
| 3. Nature of conveyance:<br><b>ASSIGNMENT</b><br>Execution Date:<br><b>06-11-08; 5-30-08; 06-02-08; 06-02-08; 06-03-08;<br/>06-02-08;06-02-08</b>  |  | Additional name(s) & address(es) attached? <b>NO</b>  |  |
| 4. Application number(s) or patent number(s):<br><br>If this is being filed together with a new application, the execution date of the application is:<br><br>A. Patent Application Number(s):<br><b>12/111,751</b>            |  |   |  |
| B. Patent Number(s):   |  |   |  |
| Additional numbers attached? <b>NO</b>   |  |   |  |
| 5. Name and address of party to whom correspondence concerning document should be mailed:<br><br><b>Ted R. Rittmaster<br/>FOLEY &amp; LARDNER LLP<br/>2029 Century Park East, Suite 3500<br/>Los Angeles, California 90067</b> |  | 6. Total number of applications/patents involved: <b>1</b>  |  |
|  |  | 7. Total fee (37 C.F.R. § 3.41): <b>\$40.00</b><br><br>Check Enclosed<br><input checked="" type="checkbox"/> Authorized to be charged to credit card<br>Authorized to be charged to deposit account |  |
|  |  | 8. Payment Information  |  |
|  |  | a. Credit Card Last 4 Numbers <b>5461</b><br>Expiration Date <b>11/30/2008</b>  |  |
|  |  | b. Deposit account number <b>19-0741</b><br>Authorized User Name  |  |

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## 9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account.

**Ted R. Rittmaster**

Name of person signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 7

**PATENT**  
**REEL: 021095 FRAME: 0817**

## ASSIGNMENT

Attorney Docket No.: 047711-0413

(1-7) *Insert Name(s) of  
Inventor(s)*

- (1) ARSEN IBRANYAN
- (2) JULIAN D. KAVAZOV
- (3) DAVID HEZZELL
- (4) CHRISTOPHER G. GRIFFIN
- (5) BENJAMIN X. SHEN
- (6) MIKE LEE
- (7) THOMAS MILLER

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned (the receipt of which is hereby acknowledged), the undersigned agree(s) to assign, and hereby does assign, transfer, sell and set over to

(8) *Insert name of Assignee*

(8) MEDTRONIC MINIMED, INC.

(9) *Insert state of  
Incorporation of Assignee*

(9) Delaware

(10) *Insert address of  
Assignee*

(10) of 18000 Devonshire Street, Northridge, CA 91325-1219  
(hereinafter designated as the Assignee), its successors and assigns, the entire worldwide right, title and interest in the invention (and any and all applications and all patents which may be granted on the invention) known as

(11) *Insert identification of  
Invention, such as Title,  
Case Number or Foreign  
Application Number*

(11) **SYSTEMS AND METHODS FOR RESERVOIR FILLING, U.S. Patent  
Application Serial No. 12/111,751 filed April 29, 2008**  
for which the undersigned has (have) executed an application for patent in the United States of America as the inventor (inventors)

(12) *Insert Date of Signing  
of Application*

(12) on May 30, 2008; June 2, 2008; June 3, 2008;  
June 11, 2008; and June 12, 2008

For the aforementioned consideration, the undersigned does (do) materially represent to the Assignee, its successors and assigns, that at the time of the execution of this assignment that the undersigned is (are) a lawful owner(s) of the entire right, title and interest in and to the invention and the above-identified application for patent, and that the same is unencumbered, and that the undersigned has (have) good right(s) and lawful authority to sell and convey the same in the manner set forth herein.

The undersigned further agree(s):

- a) to execute all papers necessary in connection with an application in any country of the world and any extension, reissue, reexamination, continuation-in-part, continuation or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient;
- b) to execute all papers necessary in connection with any interference which may be declared concerning this application or extension, reissue, reexamination, continuation-in-part, continuation or divisional applications thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference;
- c) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements (including the Patent Cooperation Treaty, Paris Convention, etc.) for any application filed in a foreign country claiming priority to the invention;

d) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States Patent or other international application or foreign country patent to the Assignee;

e) to hereby authorize(s) and request(s) the Director of the United States Patent and Trademark Office to issue any and all Letters Patents of the United States resulting from the application or any extension, reissue, reexamination, continuation-in-part, continuation or divisional applications thereof to the Assignee, as Assignee of the entire right, title and interest in and to the same, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, any agreement in conflict herewith; and

f) to hereby appoint:

Paul H. Kovelman, Reg. No. 35,228  
Richard K. Yoon, Reg. No. 42,247  
Ajit S. Narang, Reg. No. 55,480

and all of the firm of Foley & Lardner LLP:

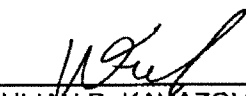
Ted R. Rittmaster, Reg. No. 32,933  
William J. Robinson, Reg. No. 29,430  
Kumar K. Maheshwari, Reg. No. 60,443  
Justin M. Sobaje, Reg. No. 56,252  
Mary Eshaghian-Wilner, Reg. No. 55,157  
Norman T. Lee, Reg. No. 58,941  
S. Isaac Zaghi, Reg. No. 55,951

the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 6-11-08

Signature of Inventor (1):   
Name of Inventor: ARSEN IBRANYAN

Date: 5/30/08

Signature of Inventor (2):   
Name of Inventor: JULIAN D. KAVAZOV

Date: 6/2/08

Signature of Inventor (3):   
Name of Inventor: DAVID HEZZELL

Date: 06/2/2008

Signature of Inventor (4):   
Name of Inventor: CHRISTOPHER G. GRIFFIN

Date: \_\_\_\_\_

Signature of Inventor (5): \_\_\_\_\_  
Name of Inventor: BENJAMIN X. SHEN

Date: \_\_\_\_\_

Signature of Inventor (6): \_\_\_\_\_  
Name of Inventor: MIKE LEE

Date: \_\_\_\_\_

Signature of Inventor (7): \_\_\_\_\_  
Name of Inventor: THOMAS MILLER

Date: \_\_\_\_\_

Signature of Inventor (4): \_\_\_\_\_  
Name of Inventor: CHRISTOPHER G. GRIFFIN

Date: 6-3-08

Signature of Inventor (5):   
Name of Inventor: BENJAMIN X. SHEN

Date: \_\_\_\_\_

Signature of Inventor (6): \_\_\_\_\_  
Name of Inventor: MIKE LEE

Date: \_\_\_\_\_

Signature of Inventor (7): \_\_\_\_\_  
Name of Inventor: THOMAS MILLER

Date: \_\_\_\_\_

Signature of Inventor (4): \_\_\_\_\_  
Name of Inventor: CHRISTOPHER G. GRIFFIN


Date: \_\_\_\_\_

Signature of Inventor (5): \_\_\_\_\_  
Name of Inventor: BENJAMIN X. SHEN

Date: 6-2-08

Signature of Inventor (6):   
Name of Inventor: MIKE LEE

Date: 6/2/08

Signature of Inventor (7):   
Name of Inventor: THOMAS MILLER



ACCEPTANCE:

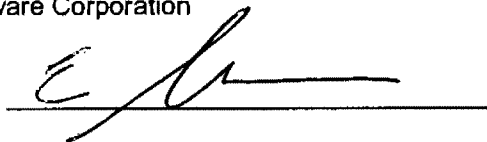
The undersigned, MEDTRONIC MINIMED, INC., a Delaware corporation, hereby declares that it has accepted the foregoing assignment.

SIGNED AND SEALED this 12 day of June, 2008.

ASSIGNEE:

MEDTRONIC MINIMED, INC.,  
a Delaware Corporation

By:



Name: Eric P. Geismar

Title: Vice President and Senior Counsel