

# PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Colin A. Chong</td> <td>08/27/2009</td> </tr> <tr> <td>Eric M. Lorenzen</td> <td>09/21/2009</td> </tr> <tr> <td>Rafael Bikovsky</td> <td>08/28/2009</td> </tr> <tr> <td>Truong Gia Luan</td> <td>08/27/2009</td> </tr> <tr> <td>Arsen Ibranyan</td> <td>08/28/2009</td> </tr> </tbody> </table>		Name	Execution Date	Colin A. Chong	08/27/2009	Eric M. Lorenzen	09/21/2009	Rafael Bikovsky	08/28/2009	Truong Gia Luan	08/27/2009	Arsen Ibranyan	08/28/2009
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Medtronic Minimed, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>18000 Devonshire Street</td> </tr> <tr> <td>City:</td> <td>Northridge</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>91325-1219</td> </tr> </table>		Name:	Medtronic Minimed, Inc.	Street Address:	18000 Devonshire Street	City:	Northridge	State/Country:	CALIFORNIA	Postal Code:	91325-1219		
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<b>PROPERTY NUMBERS Total: 1</b>													
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<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (213)486-0065  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 213-972-4500        Email: losangelesipdocketing@foley.com</p> <p>Correspondent Name: TED R. RITTMASER, FOLEY &amp; LARDNER LLP        Address Line 1: 555 South Flower Street        Address Line 2: SUITE 3500        Address Line 4: LOS ANGELES, CALIFORNIA 90071-2411</p>													
ATTORNEY DOCKET NUMBER:	047711-0461												
NAME OF SUBMITTER:	Ted R. Rittmaster												

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**PATENT**  
 REEL: 023328 FRAME: 0514

**Total Attachments: 4**

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## ASSIGNMENT

Attorney Docket No.: 047711-0461

(1-5) *Insert Name(s) of  
Inventor(s)*

- (1) COLIN A. CHONG
- (2) ERIC M. LORENZEN
- (3) RAFAEL BIKOVSKY
- (4) TRUONG GIA LUAN
- (5) ARSEN IBRANYAN

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

(6) *Insert name of Assignee*

(6) MEDTRONIC MINIMED, INC.

(7) *Insert state of  
Incorporation of Assignee*

(7) Delaware

(8) *Insert address of  
Assignee*

(8) 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

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

(9) RESERVOIR BARRIER LAYER SYSTEMS AND METHODS, U.S.  
Application No. 12/547,315 filed August 25, 2009  
for which the undersigned has (have) executed an application for patent in the United States of America as the inventor (inventors)

(10) *Insert Date of Signing  
of Application*

(10) on August 27 & 28, 2009; and September 21, 2009

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  
Ajit S. Narang, Reg. No. 55,480  
Eric S. Chen, Reg. No. 43,542  
Vivian S. Shin, Reg. No. 43,919  
Richard K. Yoon, Reg. No. 42,247  
Michael J. Jaro, Reg. No. 34,472  
Mary P. Bauman, Reg. No. 31,926  
Girma Wolde-Michael, Reg. No. 36,724

and all of the firm of Foley & Lardner LLP:

Ted R. Rittmaster, Reg. No. 32,933

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: 8/27/2009

Signature of Inventor (1):   
Name of Inventor: COLIN A. CHONG

Date: 9/21/2009

Signature of Inventor (2):   
Name of Inventor: ERIC M. LORENZEN

Date: 8/28/09

Signature of Inventor (3):   
Name of Inventor: RAFAEL BIKOVSKY

Date: 8/29/09

Signature of Inventor (4):   
Name of Inventor: TRUONG GIA LUAN

Date: 8/28/09

Signature of Inventor (5):   
Name of Inventor: ARSEN IBRANYAN

ACCEPTANCE:

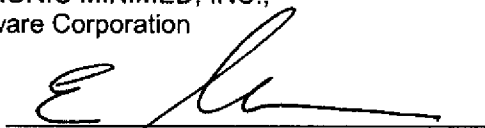
The undersigned, MEDTRONIC MINIMED, INC., a Delaware corporation, hereby declares that it has accepted the foregoing assignment.

SIGNED AND SEALED this 21 day of September, 2009.

ASSIGNEE:

MEDTRONIC MINIMED, INC.,  
a Delaware Corporation

By:



Name: Eric P. Geismar

Title: Vice President and Senior Counsel