

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Peter Bradley	09/22/2008
Richard F. Woicik	09/22/2008
Andrew M. Bottomley	09/22/2008
RECEIVING PARTY DATA	
Name:	Zarlink Semiconductor AB
Street Address:	Buttovagen 1, P.O. Box 520
City:	SE-175 26 Jarfalla
State/Country:	SWEDEN
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	61076574
Application Number:	12165373
CORRESPONDENCE DATA	
Fax Number:	(763)505-2530
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	763-514-4000
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Correspondent Name:	Daniel G. Chapik, MEDTRONIC, INC.
Address Line 1:	710 MEDTRONIC PARKWAY
Address Line 2:	Mail Stop LC340
Address Line 4:	Minneapolis, MINNESOTA 55432-5640
ATTORNEY DOCKET NUMBER:	062032.011700
NAME OF SUBMITTER:	Angela Williams
Total Attachments: 5 source=MEDTRONIC011700ZarlinkAssignment#page1.tif	

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RECORDATION FORM COVER SHEET
PATENTS ONLY

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)

Peter Bradley
Richard F. Woicik
Andrew M. Bottomley

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) September 22, 2008

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Zarlink Semiconductor AB

Internal Address: _____

Street Address: Buttovagen 1, P.O. Box 520

City: SE-175 26 Jarfalla

State: _____

Country: Sweden Zip: _____

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

4. Application or patent number(s):

☐ This document is being filed together with a new application.
A. Patent Application No.(s)
B. Patent No.(s)

61/076,574
12/165,373

Additional numbers attached? ☐ Yes ☒ No

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

Name: Daniel G. Chapik

Internal Address: MEDTRONIC, INC., Mail Stop LC340

Street Address: 710 Medtronic Parkway

City: Minneapolis

State: Minnesota Zip: 55432

Phone Number: 763-514-4000

Fax Number: 763-505-2530

Email Address: blancheb@gtlaw.com

6. Total number of applications and patents involved: TWO

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 80.00

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

8. Payment Information

Deposit Account Number 50-2638

Authorized User Name Greenberg Traurig, LLP

9. Signature:

Signature

September 22, 2008
Date

Bradley D. Blanche
Name of Person Signing

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

5

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Assignment

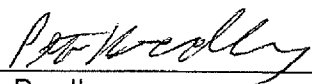
WHEREAS, we, Peter Bradley, an Australian citizen, residing at 14303 Breezeway Place, San Diego, California 92128, Richard F. Woicik, a United States citizen, residing at 2506 Beryl Street, San Diego, California 92109, and Andrew M. Bottomley, a British citizen, residing at 4963 Havenwood Avenue, San Diego, California 92120, have invented certain new and useful improvements in an invention entitled **METHOD AND APPARATUS FOR LOW POWER SIMULTANEOUS FREQUENCY, AUTOMATIC GAIN CONTROL AND TIMING ACQUISITION** that is the subject of United States Provisional Patent Application Serial Number 61/076,574, filed June 27, 2008, and an invention entitled **METHOD AND APPARATUS FOR LOW POWER SIMULTANEOUS FREQUENCY, AUTOMATIC GAIN CONTROL AND TIMING ACQUISITION** that is the subject of United States Utility Patent Application Serial Number 12/165,373, filed June 30, 2008;

AND WHEREAS, Zarlink Semiconductor AB (hereinafter "ASSIGNEE"), with its principal place of business at Buttovagen 1, P.O. Box 520, SE-175 26 Jarfalla, Sweden, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN WITNESS WHEREOF, I have hereunto set my hand on this 22nd
day of September, 2008.



Peter Bradley



WITNESS

Bengt Spetsmark

Printed Name

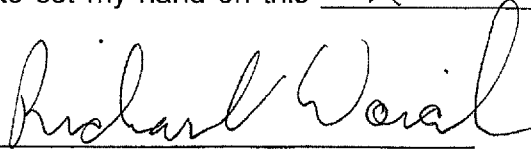


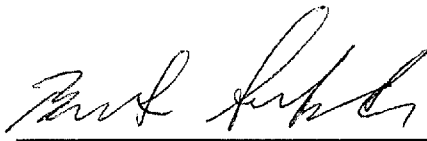
WITNESS


KWAN YUNG TUNG

Printed Name

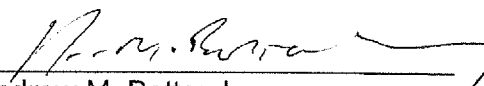
IN WITNESS WHEREOF, I have hereunto set my hand on this 22nd
day of September, 2008.


Richard F. Woicik


WITNESS
Bengt Spetsmark
Printed Name


WITNESS
KWAN YUNG TUNG
Printed Name

IN WITNESS WHEREOF, I have hereunto set my hand on this 22nd
day of September, 2008.



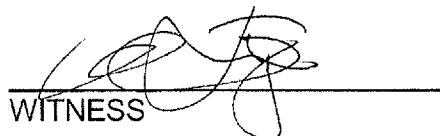
Andrew M. Bottomley



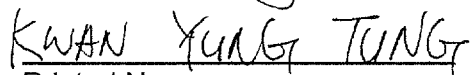
WITNESS



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