Form PTO-1595 (Rev. 08/05) OMB No. 0651-0027 (exp. 6/30/2008)

x Assignment

Other

Name:

City:

State:

Phone Number:

Fax Number:

Email Address: 9. Signature:

Security Agreement

A. Patent Application No.(s) 11/822,831

1. Name of conveying party(ies):

Additional name(s) of conveying party(ies) attached? 3. Nature of conveyance/Execution Date(s):

Government Interest Assignment

4. Application or patent number(s):

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

Internal Address: Atty. Dkt.: H0222.0008/P008 Street Address: 1825 Eye Street, NW

Stephen A. Soffen DICKSTEIN SHAPIRO LLP

Washington

(202) 420-4879

SoffenS@dicksteinshapiro.com

Stephen A. Soffen - 31,063

Name of Person Signing

(202) 420-2201



To the Director of the U.S. Patent and Tradernark Office. Flease

Colin Steele (08/27/2007), Catherine A. Hearne (07/24/2007), and David P. Singleton (08/27/2007)

Execution Date(s): in parentheses after inventor name

Merger

Executive Order 9424, Confirmatory License

Joint Research Agreement

09-06-2007

ARTMENT OF COMMERCE Patent and Trademark Office

CRESCRIDATI	
PA7 """	102440274
and Trademark Office. Flease i	103442371
s):	2. Name and address of receiving party(ies)
Catherine A. Hearne Singleton (08/27/2007)	Name: Wolfson Microelectronics plc
attached? Yes X No	Internal Address:  Street Address:
on Date(s): s after inventor name Change of Name	Westfield House 26 Westfield Road Edinburgh EH11 2QB United Kingdom
t Research Agreement	City:
ent	State:
atory License	Country: Zip:  Additional name(s) & address(es) Yes X No attached?
Additional numbers attached?	B. Patent No.(s)  Yes X No
respondence e mailed:	6. Total number of applications and patents involved:
n A. Soffen SHAPIRO LLP 2.0008/P008 et, NW	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  X Authorized to be charged by credit card  Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)
ington	8. Payment Information
zip: <u>20006-5403</u> 2) 420-4879	a. Credit Card Last 4 Numbers 1002 Expiration Date 01/11
) 420-2201	b. Deposit Account Number
dicksteinshapiro.com	Authorized User Name
Loffe	96/11/2027 SZEWDIEL 99090948 11822824 August 30, 2007

FU18621

DSMDB-2310343v01

Date

Total number of pages including cover

sheet, attachments, and documents:

## ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Colin Steele, Catherine A. Hearne, and David P. Singleton (hereinafter referred to as Assignors), residing at 75 Grange Loan, Edinburgh EH9 2EG UNITED KINGDOM, and Lakyle, Callan, Co. Kilkenny, IRELAND and Flat 8, 3 St. Leonard's Street, Edinburgh EH8 9RN, UNITED KINGDOM, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in PROTECTION CIRCUIT AND METHOD, set forth in a Patent application for Letters Patent of the United States, already filed on July 10, 2007 as U.S. application No. 11/822,831; and

WHEREAS, Wolfson Microelectronics plc, a corporation organized under and pursuant to the laws of United Kingdom having its principal place of business at Westfield House, 26 Westfield Road, Edinburgh EH11 2QB, United Kingdom (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property including all rights of priority, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

1

H0222.0008/P008 DSMDB-2286692v01

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals 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:

DICKSTEIN SHAPIRO LLP

2

H0222.0008/P008 DSMDB-2286692v01 AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

2 th Agran7	Colin Steele
Witness:  27   Aug   07  Date	Elwab-
Witness:	John B Bulall

27/08/07 Date

DSMDB-2286692v01

PATENT REEL: 019794 FRAME: 0430

24/07/07	Kay Hearna
· · · · · · · · · · · · · · · · · · ·	Catherine A. Hearne
Witness:	
24/7/2007	Mare Catt
Date	v
Witness:	
24/7/2007	gozd Musply
Date	

DSMDB-2286692v01

27/02/07	David P. Singleton
Witness:  27/08/07  Date	John B B. Merli
Witness:	

DSMDB-2286692v01

PATENT REEL: 019794 FRAME: 0432