

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT3213064

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	DARIUSZ GORZKIEWICZ	02/05/2015
RECEIVING PARTY DATA		
Name:	SEMTECH CANADA CORPORATION	
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City:	BURLINGTON	
State/Country:	CANADA	
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PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	14577372	
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ATTORNEY DOCKET NUMBER:	764164-605326	
NAME OF SUBMITTER:	JOSEPH M. SAUER	
SIGNATURE:	/Joseph M. sauer/	
DATE SIGNED:	02/05/2015	
Total Attachments: 2		
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ASSIGNMENT

WHEREAS, one or more inventions have been made by the undersigned in

Systems and Methods for Random Number Generation Using a Fractional Rate Clock

and are the subject of a non-provisional patent application filed in the United States Patent and Trademark Office on December 19, 2014 under application serial no. 14/577,372 which application is identified as Jones Day Docket No. 764164-605336.

WHEREAS, Semtech Canada Corporation, a Canadian corporation, having a place of business at 4281 Harvester Road, Burlington, Ontario, Canada L7L 5M4, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in said inventions and all patents, patent applications, patent rights, and inventor's certificates therefor, including without limitation said application for patent in the United States, all provisional applications, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, HAVE BEEN AND ARE HEREBY SOLD, ASSIGNED, TRANSFERRED, AND DELIVERED UNTO ASSIGNEE, ITS SUCCESSORS AND ASSIGNS; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in the same.

The undersigned hereby grants the firm of Jones Day 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.

IN WITNESS WHEREOF, this Assignment has been executed below by the undersigned:

D. Gorzkiewicz
Dariusz Gorzkiewicz

FEB. 5, 2015
Date

Residing and Having a
Post Office Address at:

2260 Carm Drive
Oakville, Ontario, CANADA
L6M 0H8

STATEMENT BY WITNESS

I, THOMAS NASENKA, whose full Post Office address is
(Name of Witness)

140 WILDER DR OAKVILLE L6L 5G3
(Address of Witness)

hereby declare that I was personally present and did see Dariusz Gorzkiewicz, the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: 05 FEB 2015

[Signature]
(Signature of Witness)