

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5179634

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	PATRICK XAVIER LIONAIS	10/09/2018
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	MICROSEMI SEMICONDUCTOR ULC	
<b>Street Address:</b>	400 MARCH ROAD	
<b>City:</b>	KANATA	
<b>State/Country:</b>	CANADA	
<b>Postal Code:</b>	K2K 3H4	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	16155280	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
<b>Phone:</b>	408-354-4448	
<b>Email:</b>	admin@patentforce.com	
<b>Correspondent Name:</b>	GLASS & ASSOCATES MICROSEMI COMPANIES	
<b>Address Line 1:</b>	236 N. SANTA CRUZ AVENUE	
<b>Address Line 2:</b>	SUITE 243	
<b>Address Line 4:</b>	LOS GATOS, CALIFORNIA 95030	
<b>ATTORNEY DOCKET NUMBER:</b>	S-2427-US	
<b>NAME OF SUBMITTER:</b>	KENNETH GLASS	
<b>SIGNATURE:</b>	/Kenneth Glass/	
<b>DATE SIGNED:</b>	10/09/2018	
<b>Total Attachments: 2</b>		
source=S-2427-US_ASSIG#page1.tif		
source=S-2427-US_ASSIG#page2.tif		

ASSIGNMENT

WHEREAS, I, Patrick LIONAIS have invented one or more improvements in

**ACOUSTIC DELAY ESTIMATION**

described in an application (or provisional application) for Letters Patent of the United States:

☒ identified by Attorney Docket No. S-2427-US, and/or executed by me of even date herewith and about to be filed in the United States Patent Office;

☐ Serial No. \_\_\_\_\_ filed in the United States Patent Office on \_\_\_\_\_; and

WHEREAS, Microsemi Semiconductor ULC (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of Canada, and having a usual place of business at 400 March Road, Kanata, Ontario, K2K 3H4, Canada desires to acquire an interest therein, to the extent not previously acquired, in accordance with agreements duly entered into with me;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements, the sum of U.S. Ten Dollars (US\$10.00) and of other good and valuable consideration, the receipt of which is hereby acknowledged, and without expectation of any future compensation whatsoever, I have each sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the inventions described in said application and any other related intellectual property rights such as, but not limited to, copyright rights, copyrightable subject matter, know how, trade secrets, copyright registrations, reproduction rights, and waives any and all moral rights under 17 U.S.C. § 106A or otherwise, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon or claim priority under international convention, including but not limited to continuations, divisionals, reissues, and reexaminations of said application of such Letters Patent; said inventions, applications and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby convey all of my rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. I hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all Letters Patent to ASSIGNEE for its own name as assignee of our entire right, title and interest therein.

AND, I hereby further agree for myself and my executors and administrators to execute upon request and without further consideration, any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including: the execution of applications for patents in foreign countries; the execution of substitution, reissue, divisional or continuation applications; and preliminary or other statements or the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved; and I further hereby authorize ASSIGNEE or its attorneys or agents to insert the correct serial number and filing date into this assignment if none is indicated on that date of our execution of this assignment;

AND, I hereby covenant and agree not to challenge or oppose, on any grounds whatsoever, the validity of this Assignment or to assist or request any third party to contest the validity of this Assignment, AND I further agree not to contest the validity or enforceability of any intellectual property rights assigned herein, or to assist or request any third party to contest the validity or enforceability of any intellectual property rights assigned herein.

AND, I do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, I have hereunto set my hand on this 17 day of October, 2018.

Inventor: Patrick LIONAIS  
Patrick LIONAIS

Witness: Dail Cassel  
Witness: [Signature]