

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4113544

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	MASOUD GHOREISHI MADISEH	07/25/2016
RECEIVING PARTY DATA		
Name:	MAXLINEAR ASIA SINGAPORE PTE. LTD.	
Street Address:	21 SERANGOON NORTH AVENUE 5	
Internal Address:	#04-03, BAN TECK HAN BUILDING	
City:	SINGAPORE	
State/Country:	SINGAPORE	
Postal Code:	554864	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15234743
CORRESPONDENCE DATA		
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<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>		
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ATTORNEY DOCKET NUMBER:	PAT 83822-2	
NAME OF SUBMITTER:	HEATHER LANE	
SIGNATURE:	/Heather Lane/	
DATE SIGNED:	10/26/2016	
Total Attachments: 4		
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ASSIGNMENT OF INVENTIONS AND RELATED PATENT RIGHTS

WHEREAS:

Hormoz DJAHANSHAHI, 1016 Westmount Drive, Port Moody, British Columbia,
V3H 1K9, CANADA

Masoud GHOREISHI MADISEH, 21665 123 Avenue, Maple Ridge, British Columbia,
V2X 4C4, Canada

(the "ASSIGNORS"), whose full post office addresses are set out above, are the inventors of certain inventions or improvements (the "Inventions") described and/or claimed in:

United States Provisional Application No. 62/232,688 entitled **LC VCO CALIBRATION METHOD** filed on September 25, 2015 (the "Application"),

AND WHEREAS **MAXLINEAR ASIA SINGAPORE PTE. LTD.**, (the "Assignee") whose full post office address is **21 Serangoon North Avenue 5, #04-03, Ban Teck Han Building, 554864, Singapore**, wishes to own the entire worldwide right, title and interest in and to: the Inventions, the Application, and all patents which may be granted on or as a result thereof in all countries;

In consideration of ONE (\$1.00) DOLLAR and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and without expectation of any further compensation whatsoever, the Assignors confirm that they have assigned effective at least as early as **September 25, 2015**, and to any extent they have not already done so, do hereby sell, assign, transfer and set over to the Assignee the entire worldwide right, title and interest in and to:

- the Inventions;
- the 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;
- all continuations, divisions, renewals of or substitutes for the Application;
- the right to file counterparts to the Application in all countries and regions;
- the right to claim priority from the Application in all countries and regions;
- all patents which may be granted on or as a result thereof; and
- any reissue or reissues of such patents;

the same to be held and enjoyed by the Assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which such patents respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this Assignment, sale and transfer not been made.

The Assignors hereby covenant that they: have full right to convey the entire interest herein assigned; and have not executed and will not execute any agreement to transfer any rights in the Inventions and/or the Application to anyone other than the Assignee or that is otherwise in conflict herewith.

Assignment from Hormoz DJAHANSHAHI, et al. to MAXLINEAR ASIA SINGAPORE PTE. LTD.

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The Assignors promise that they shall:

- each time a request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to the Inventions, the Application, and the patents in the Assignee, its successors, assigns, nominees or legal representatives;
- communicate to the Assignee, or its nominees, all known facts respecting the Inventions, the Application and said patents;
- testify in any legal proceedings;
- sign all lawful papers;
- execute all disclaimers and divisional, continuing, reissue and foreign applications;
- make all rightful oaths; and
- generally do everything possible to aid the Assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit, proper patent protection for the Inventions in all countries;

all at the expense, however, of the Assignee or its successors, assigns, nominees or legal representatives.

Assignors 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 Assignors 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.

The Assignors hereby irrevocably designate and appoint the Assignee and its duly authorized officers and agents, and their successors, as their agents and attorneys-in-fact, to act on the Assignors' behalf and instead of the Assignors, to execute and file applications to patent the Inventions in all countries, and to do all other proper lawfully-permitted acts to further the assignment, prosecution and issuance of patents for the Inventions with the same legal force and effect as if executed by the Assignors. This power of attorney shall be deemed coupled with an interest and is irrevocable.

The Assignors hereby authorize and request any official of any country or countries whose duty it is to issue patents on applications to issue to the Assignee, its successors, assigns, nominees or legal representatives all patents for the Inventions in accordance with the terms of this Assignment.

The undersigned hereby authorize the firm of Borden Ladner Gervais LLP to correct errors in this assignment or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in any country.

<p>Hormoz DJAHANSHAHI</p> <p>Executed at _____ City</p> <p>_____ Province/State, Country</p> <p>This _____ day of _____, _____ Day Month Year</p> <p>_____ Signature</p>	<p><u>Witness:</u></p> <p>I, _____ Print Name</p> <p>whose full post office address is</p> <p>_____</p> <p>_____</p> <p>was personally present and did see Hormoz DJAHANSHAHI execute the within assignment and such assignor is personally known to me.</p> <p>_____ Signature</p>
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<p>Masoud GHOREISHI MADISEH</p> <p>Executed at <u>Burnaby</u> City</p> <p><u>BC / Canada</u> Province/State, Country</p> <p>This <u>25</u> day of <u>07</u>, <u>2016</u> Day Month Year</p> <p><u>M. Ghoreishi</u> Signature</p>	<p><u>Witness:</u></p> <p>I, <u>George Deliyannides</u> Print Name</p> <p>whose full post office address is</p> <p><u>7910 Claremont Pl</u> <u>Burnaby, BC</u></p> <p>was personally present and did see Masoud GHOREISHI MADISEH execute the within assignment and such assignor is personally known to me.</p> <p><u>[Signature]</u> Signature</p>
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<p>MAXLINEAR ASIA SINGAPORE PTE. LTD.</p> <p>Executed at _____ City</p> <p>_____ Province/State, Country</p> <p>This _____ day of _____, _____. Day Month Year</p> <p>By: _____ Print Name</p> <p>Title: _____</p> <p>_____ Signature</p>	<p><u>Witness:</u></p> <p>I, _____ Print Name</p> <p>whose full post office address is</p> <p>_____ _____</p> <p>was personally present and did see</p> <p>_____ Name</p> <p>execute the within assignment and such representative is personally known to me.</p> <p>_____ Signature</p>
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