## 502879695 07/03/2014 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY DA	АТА				
		Name	Name		
ARYAN SAED				06/14/2012	
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Name:	PMC-SIERRA US, INC.				
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Postal Code:	94089				
Property Type					
Property Type		Number			
	1	Number 4323856			
Application Number: CORRESPONDENCE D Fax Number:	<b>ATA</b>	888)480-9618			
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i>	ATA (i	4323856 888)480-9618 <i>the e-mail address first; if that</i>			
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i>	ATA (i e sent to provided;	888)480-9618			
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Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name:	ATA (; e sent to provided; 2 [	4323856 888)480-9618 <i>the e-mail address first; if that</i> <i>if that is unsuccessful, it will b</i> 2076150424 DRH@LETTERSPATENT.COM LETTERS PATENT, LLC C/O DEI	<b>be sent via US</b> NNIS R. HASZ	S Mail.	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	ATA (i e sent to provided; 2 [ L F	4323856 888)480-9618 <i>the e-mail address first; if that</i> <i>if that is unsuccessful, it will b</i> 2076150424 DRH@LETTERSPATENT.COM ETTERS PATENT, LLC C/O DEI FRONT STREET EXCHANGE BL	<b>be sent via US</b> NNIS R. HASZ	S Mail.	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	ATA (; e sent to provided; 2 C L F 1	4323856 888)480-9618 <i>the e-mail address first; if that</i> <i>if that is unsuccessful, it will b</i> 2076150424 DRH@LETTERSPATENT.COM ETTERS PATENT, LLC C/O DEI FRONT STREET EXCHANGE BL 65 FRONT STREET, SUITE 1	<b>be sent via US</b> NNIS R. HASZ	S Mail.	
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	ATA (i e sent to provided; 2 [ L F 1 F	4323856 888)480-9618 <i>the e-mail address first; if that</i> <i>if that is unsuccessful, it will b</i> 2076150424 DRH@LETTERSPATENT.COM ETTERS PATENT, LLC C/O DEI FRONT STREET EXCHANGE BL 65 FRONT STREET, SUITE 1 FARMINGTON, MAINE 04938	<b>be sent via US</b> NNIS R. HASZ	S Mail.	
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Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NUMARE OF SUBMITTER:	ATA (i e sent to provided; 2 [ L F 1 F	4323856 888)480-9618 <i>the e-mail address first; if that</i> <i>if that is unsuccessful, it will b</i> 2076150424 DRH@LETTERSPATENT.COM ETTERS PATENT, LLC C/O DEI FRONT STREET EXCHANGE BL 65 FRONT STREET, SUITE 1 FARMINGTON, MAINE 04938	<b>be sent via US</b> NNIS R. HASZ	S Mail.	
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#### ASSIGNMENT

# Aryan SAED, 51-1255 Riverside Drive, Port Coquitlam, British Columbia, V3B 7W5, CANADA

for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, confirm that effective at least as early as May 24, 2012 I do sell and assign to:

#### PMC-SIERRA US, INC. 1380 Bordeaux Drive Sunnyvale, California 94089 UNITED STATES OF AMERICA

all my right, title and interest in the United States of America, Canada, and all countries foreign thereto, in and to the invention disclosed in U.S. Patent Application No. 13/479,733 filed May 24, 2012, relating to, and entitled:

#### MEASURING IMPAIRMENTS OF DIGITIZED SIGNALS IN DATA AND TIMING RECOVERY CIRCUITS

and to any application for patent claiming priority therefrom, and to all my corresponding right, title and interest in and to any patent issued therefrom, and to any patent issued from a continuation, continuation-in-part, re-issue, divisional or re-examination application derived, or claiming priority, from the above application.

I authorize the firm of Borden Ladner Gervais LLP to insert any further identification necessary to make this assignment suitable for recordation in the Patent Offices of any country as may be required.

SIGNED at	Surnab	y BC	Canada
8 ·		City or Town	Country
this $\frac{14^{TX}}{14^{TX}}$	_day of <u>)</u> µ,	<u>*≪</u> , 2012 .	Asran Cars
		Aryan SAED	
	STATEMEN	IT BY WITNESS	
I. Sonne	Cel	whose full p	ost office address is
	(name of witness)		
8555 3	Encreties A	<u>264 bc (a</u>	<u>A.R. Ola</u>
	d such assignor is pe	Aryan SAED execute rsonally known to me	

Assignment from Aryan SAED To PMC-Sierra US, Inc. PAT 6958-2, Page 1 of 1

**RECORDED: 07/03/2014** 

### PATENT REEL: 033242 FRAME: 0824

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