

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>SEPPO ROUSU</td> <td>11/19/2013</td> </tr> <tr> <td>TIMO JUNTUNEN</td> <td>11/19/2013</td> </tr> </tbody> </table>		Name	Execution Date	SEPPO ROUSU	11/19/2013	TIMO JUNTUNEN	11/19/2013
Name	Execution Date						
SEPPO ROUSU	11/19/2013						
TIMO JUNTUNEN	11/19/2013						
RECEIVING PARTY DATA							
Name:	BROADCOM CORPORATION						
Street Address:	5300 CALIFORNIA AVENUE						
City:	IRVINE						
State/Country:	CALIFORNIA						
Postal Code:	92617						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14084800</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14084800		
Property Type	Number						
Application Number:	14084800						
CORRESPONDENCE DATA							
Fax Number:	(212)661-8002						
Phone:	2126618000						
Email:	info@lmiplaw.com						
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>							
Correspondent Name:	LUCAS & MERCANTI, LLP						
Address Line 1:	475 PARK AVENUE SOUTH						
Address Line 2:	15TH FLOOR						
Address Line 4:	NEW YORK, NEW YORK 10016						
ATTORNEY DOCKET NUMBER:	44522.1048						
NAME OF SUBMITTER:	ROBERT P. MICHAL						
Signature:	/Robert P. Michal/						
Date:	11/20/2013						
Total Attachments: 2 source=44522-1048-DECLS#page1.tif source=44522-1048-DECLS#page2.tif							

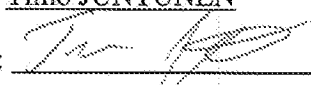
OP \$40.00 14084800

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

TITLE OF INVENTION	APPARATUS, METHODS AND COMPUTER PROGRAM PRODUCT FOR THERMAL MANAGEMENT OF USER EQUIPMENT COUPLED TO A VEHICLE	
<p>As the below named inventor, I hereby declare that:</p> <p>This declaration is directed to:</p> <p><input checked="" type="checkbox"/> The attached application, or</p> <p><input type="checkbox"/> United States application or PCT international application number _____ filed on _____.</p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.</p>		
<p>WHEREAS, I, the below-identified Inventor, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter "Invention");</p> <p>WHEREAS, <u>Broadcom Corporation</u> (hereinafter "Assignee") having place of business at: <u>5300 California Avenue, Irvine, California 92617, USA</u>, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States or its territorial possessions and in any and all foreign countries;</p> <p>NOW, this indenture witnesseth, that in consideration of the sum of ONE DOLLAR (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration;</p> <p>I hereby assign, sell and transfer my above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said Invention, and in and to any and all reissues and reexaminations thereof, which may be granted or have granted for said Invention, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;</p> <p>And I hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;</p> <p>And I further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its successors and designees may from time to time require and prepare at its own expense.</p> <p>The undersigned hereby grants the firm of LUCAS & MERCANTI, L.L.P., 475 Park Avenue South, New York, New York, 10016, 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 Office for recordation of this document.</p>		
LEGAL NAME OF INVENTOR	Inventor: <u>Seppo Rousu</u> Signature: <u><i>Seppo Rousu</i></u>	Date: <u>19 NOV 2013</u>

LUCAS & MERCANTI, L.L.P.
475 PARK AVENUE SOUTH
NEW YORK, NY 10016

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<p>WHEREAS, I, the below-identified Inventor, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter "Invention");</p> <p>WHEREAS, <u>Broadcom Corporation</u> (hereinafter "Assignee") having place of business at: <u>5300 California Avenue, Irvine, California 92617, USA</u>, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States or its territorial possessions and in any and all foreign countries;</p> <p>NOW, this indenture witnesseth, that in consideration of the sum of ONE DOLLAR (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration:</p> <p>I hereby assign, sell and transfer my above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said Invention, and in and to any and all reissues and reexaminations thereof, which may be granted or have granted for said Invention, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;</p> <p>And I hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;</p> <p>And I further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its successors and designees may from time to time require and prepare at its own expense.</p> <p>The undersigned hereby grants the firm of LUCAS & MERCANTI, L.L.P., 475 Park Avenue South, New York, New York, 10016, 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 Office for recordation of this document.</p>		
LEGAL NAME OF INVENTOR	Inventor: <u>Timo JUNTUNEN</u> Signature: 	Date: <u>19 Nov 2013</u>

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PATENT