

PATENT ASSIGNMENT

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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>Ilya Blayvas</td> <td>02/26/2013</td> </tr> <tr> <td>Konstantin Kraimer</td> <td>02/26/2013</td> </tr> </tbody> </table>		Name	Execution Date	Ilya Blayvas	02/26/2013	Konstantin Kraimer	02/26/2013
Name	Execution Date						
Ilya Blayvas	02/26/2013						
Konstantin Kraimer	02/26/2013						
RECEIVING PARTY DATA							
Name:	Broadcom Corporation						
Street Address:	5300 California Avenue						
City:	Irvine						
State/Country:	CALIFORNIA						
Postal Code:	92617-3038						
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>13777022</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13777022		
Property Type	Number						
Application Number:	13777022						
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NAME OF SUBMITTER:	Charles W. Griggers						
Signature:	/Charles W. Griggers/						
Date:	04/10/2013						

OP \$40.00 13777022

Total Attachments: 5

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DECLARATION FOR PATENT APPLICATION

TH Docket No: 050229 4710
Broadcom Docket No.: BP31695

Title of Invention: **IMAGE PROCESSING BASED ON MOVING LENS WITH CHROMATIC ABERRATION AND AN IMAGE SENSOR HAVING A COLOR FILTER MOSAIC**

As the below named inventor, I hereby declare that:

This declaration is directed to:

- The attached application, or
- United States application or PCT International Application Number _____.


The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 CFR 1.56, including for a continuation-in-part application, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

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.

Inventor's Signature:  Date: February 26, 2013
Ilya Blayvas

DECLARATION FOR PATENT APPLICATION

TH Docket No: 050229 4710
Broadcom Docket No.: BP31695

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Inventor's Signature: _____ Date: 26, Feb, 2013

Konstantin Kraimer

ASSIGNMENT OF UTILITY PATENT APPLICATION

WHEREAS, the below undersigned inventor, hereinafter referred to as ASSIGNOR, has invented certain new and useful improvements ("Invention(s)") as described and set forth in the below-identified utility application for United States Letters Patent entitled "**IMAGE PROCESSING BASED ON MOVING LENS WITH CHROMATIC ABERRATION AND AN IMAGE SENSOR HAVING A COLOR FILTER MOSAIC**," which was executed on even date herewith, and/or filed with the United States Patent and Trademark Office (USPTO) on _____, and assigned Application Number _____. In addition, if applicable, the Invention(s) are further described in U.S. provisional application entitled "**IMAGE PROCESSING BASED ON MOVING LENS WITH CHROMATIC ABERRATION AND AN IMAGE SENSOR HAVING A COLOR FILTER MOSAIC**", filed with the USPTO on February 22, 2013, and assigned Application Number 61/768,031.

WHEREAS, **BROADCOM CORPORATION** having a place of business at 5300 California Avenue, Irvine, California 92617-3038, hereinafter referred to as Assignee, is desirous of acquiring ASSIGNOR'S interest in and to said Invention(s), said utility application, said provisional application (if any), and/or any U.S. and foreign patents which are related to the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, Assignor has sold, assigned and transferred and does hereby sell, assign and transfer unto Assignee, and Assignee's successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said Invention(s), said utility application, and said provisional application (if any), and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said Inventions, including all corresponding provisional, continuation, continuation-in-part, divisional, reissue, and reexamination applications; and (b) the entire right, title and interest in and to said Invention(s), said utility application, and said provisional application (if any) for all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.

Assignor authorizes Assignee to make application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S., and to invoke and claim for any application for patent or other form of protection for said Inventions, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

Assignor hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Assignee to apply for patent or other form of protection for said Inventions, said utility application, or said provisional application (if any) and to claim the aforesaid benefit of the right of priority.

Assignor requests that any and all patents for said Inventions be issued to Assignee in the U.S. and to Assignee in all countries foreign to the United States, or to such nominee as Assignee may designate.

Assignor covenants and agrees that, when requested, Assignor shall, without charge to Assignee but at Assignee's expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said Invention(s), and for the defense and protection thereof if challenged in the court of law.

Assignor authorizes Assignee or its agents to insert, on Assignor's behalf, the filing date and/or Application Number above pertaining to the utility application and/or the provisional application (if any), if not known as of the date of execution of this document.



Ilya Blayvas
Yafe Avraham 14A, apt 13
Holon, Israel 58451

February 26, 2013
Date

ASSIGNMENT OF UTILITY PATENT APPLICATION

WHEREAS, the below undersigned inventor, hereinafter referred to as ASSIGNOR, has invented certain new and useful improvements ("Invention(s)") as described and set forth in the below-identified utility application for United States Letters Patent entitled "**IMAGE PROCESSING BASED ON MOVING LENS WITH CHROMATIC ABERRATION AND AN IMAGE SENSOR HAVING A COLOR FILTER MOSAIC**," which was executed on even date herewith, and/or filed with the United States Patent and Trademark Office (USPTO) on _____, and assigned Application Number _____. In addition, if applicable, the Invention(s) are further described in U.S. provisional application entitled "**IMAGE PROCESSING BASED ON MOVING LENS WITH CHROMATIC ABERRATION AND AN IMAGE SENSOR HAVING A COLOR FILTER MOSAIC**", filed with the USPTO on February 22, 2013, and assigned Application Number 61/768,031.

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NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, Assignor has sold, assigned and transferred and does hereby sell, assign and transfer unto Assignee, and Assignee's successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said Invention(s), said utility application, and said provisional application (if any), and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said Inventions, including all corresponding provisional, continuation, continuation-in-part, divisional, reissue, and reexamination applications; and (b) the entire right, title and interest in and to said Invention(s), said utility application, and said provisional application (if any) for all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.

Assignor authorizes Assignee to make application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S., and to invoke and claim for any application for patent or other form of protection for said Inventions, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

Assignor hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Assignee to apply for patent or other form of protection for said Inventions, said utility application, or said provisional application (if any) and to claim the aforesaid benefit of the right of priority.

Assignor requests that any and all patents for said Inventions be issued to Assignee in the U.S. and to Assignee in all countries foreign to the United States, or to such nominee as Assignee may designate.

Assignor covenants and agrees that, when requested, Assignor shall, without charge to Assignee but at Assignee's expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said Invention(s), and for the defense and protection thereof if challenged in the court of law.

Assignor authorizes Assignee or its agents to insert, on Assignor's behalf, the filing date and/or Application Number above pertaining to the utility application and/or the provisional application (if any), if not known as of the date of execution of this document.



Konstantin Kraimer
Shakzer 207
Hadera, Israel 38496

26. Feb. 2013

Date