

## PATENT ASSIGNMENT

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 Stylesheet Version v1.1

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>Wael Diab</td> <td>11/23/2009</td> </tr> <tr> <td>Yongbum Kim</td> <td>01/07/2010</td> </tr> <tr> <td>Bruce Currivan</td> <td>01/08/2010</td> </tr> <tr> <td>Jeyhan Karaoguz</td> <td>11/10/2009</td> </tr> <tr> <td>Kenneth Ma</td> <td>01/06/2010</td> </tr> <tr> <td>Michael Johas Teener</td> <td>12/08/2009</td> </tr> </tbody> </table>		Name	Execution Date	Wael Diab	11/23/2009	Yongbum Kim	01/07/2010	Bruce Currivan	01/08/2010	Jeyhan Karaoguz	11/10/2009	Kenneth Ma	01/06/2010	Michael Johas Teener	12/08/2009
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RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>Broadcom Corporation</td> </tr> <tr> <td>Street Address:</td> <td>5300 California Avenue</td> </tr> <tr> <td>City:</td> <td>Irvine</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>92617</td> </tr> </table>		Name:	Broadcom Corporation	Street Address:	5300 California Avenue	City:	Irvine	State/Country:	CALIFORNIA	Postal Code:	92617				
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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>14021863</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14021863										
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Application Number:	14021863														
CORRESPONDENCE DATA															
Fax Number:	3123214299														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	312-321-4200														
Email:	usassignments@brinkshofer.com, jrauch@brinkshofer.com, lsmolinski@brinkshofer.com, bskinner@brinkshofer.com														
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Address Line 2:	P.O. Box 10395														
Address Line 4:	Chicago, ILLINOIS 60610														
ATTORNEY DOCKET NUMBER:	14528.00801														

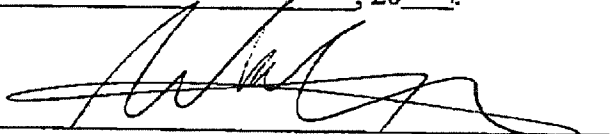
CH \$40.00 14021863

NAME OF SUBMITTER:	John G. Rauch
Signature:	/John G. Rauch/
Date:	09/10/2013
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Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

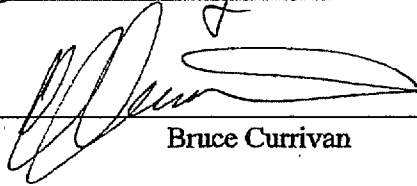
WITNESS my hand this 23<sup>rd</sup> day of November, 2009

  
\_\_\_\_\_  
Wael Diab

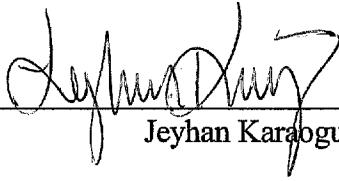
WITNESS my hand this 7<sup>th</sup> day of January, 2010.

  
\_\_\_\_\_  
Yongbum Kim

WITNESS my hand this 8<sup>th</sup> day of January, 2010.

  
\_\_\_\_\_  
Bruce Curri van

WITNESS my hand this 10<sup>th</sup> day of November, 2009.

  
\_\_\_\_\_  
Jeyhan Karaguz

WITNESS my hand this 6<sup>th</sup> day of JAN, 2010.



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Kenneth Ma



WITNESS my hand this 8th day of Dec, 20 09

*Michael D. Johas Teener*

Michael Johas Teener