

## PATENT ASSIGNMENT

Electronic Version v1.1  
 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>Frank van Diggelen</td> <td>03/11/2011</td> </tr> <tr> <td>Charles Abraham</td> <td>03/11/2011</td> </tr> </tbody> </table>		Name	Execution Date	Frank van Diggelen	03/11/2011	Charles Abraham	03/11/2011				
Name	Execution Date										
Frank van Diggelen	03/11/2011										
Charles Abraham	03/11/2011										
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
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>13960395</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13960395						
Property Type	Number										
Application Number:	13960395										
CORRESPONDENCE DATA											
Fax Number: <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Email: ppattani@skgf.com, bthompson@skgf.com Correspondent Name: Sterne, Kessler, Goldstein & Fox P.L.L.C Address Line 1: 1100 New York Ave. Address Line 4: Washington, DC, DISTRICT OF COLUMBIA 20005											
ATTORNEY DOCKET NUMBER:	3875.4530002										
NAME OF SUBMITTER:	Pranay K. Pattani										
Signature:	/Pranay K. Pattani, Reg. No. 66,587/										
Date:	08/08/2013										
Total Attachments: 4 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif											

OP \$40.00 13960395

**ASSIGNMENT**

Case No.: 23007US02

Serial No.:

Inventors: Frank van Diggelen  
Charles Abraham

Filing Date:

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to Broadcom Corporation, a California corporation, its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled: "METHOD AND SYSTEM FOR REDUCING AUTONOMOUS TIME TO FIX OF A MULTI-STANDARD GNSS RECEIVER", and identified as File No. 23007US02, in the offices of McANDREWS, HELD & MALLOY, LTD., and in said application and in a provisional application filed in the United States Patent and Trademark Office as Serial No. 61/387,301 on September 28, 2010, and any and all any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any continuation, continuation-in-part, divisional, re-examination, reissue or extension of such applications or patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, if applicable.

The undersigned warrants himself to be the owner of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all continuation, continuation-in-part, divisional, re-examination, extension and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue, re-examination or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem

necessary or expedient, and for the said considerations the undersigned authorizes said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agrees, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain said Letters Patent, both United States and foreign, and to vest all rights 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 11 day of March, 2011.

  
\_\_\_\_\_  
Frank van Diggelen

WITNESS my hand this 11 day of Mar, 2011.

  
\_\_\_\_\_  
Charles Abraham