

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Martin Warwick Beale	02/08/2013
RECEIVING PARTY DATA	
Name:	General Dynamics Broadband, Inc.
Street Address:	90 New Montgomery Street
Internal Address:	Suite 315
City:	San Francisco
State/Country:	CALIFORNIA
Postal Code:	94105
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13719812
CORRESPONDENCE DATA	
Fax Number:	3125777007
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	3125777000
Email:	hdoneg@fitcheven.com
Correspondent Name:	FITCH EVEN TABIN & FLANNERY, LLP
Address Line 1:	120 SOUTH LASALLE STREET
Address Line 2:	SUITE 1600
Address Line 4:	CHICAGO, ILLINOIS 60603-3406
ATTORNEY DOCKET NUMBER:	20009-130346-US
NAME OF SUBMITTER:	Steven G. Parmelee
Total Attachments: 2 source=130346_Assignment#page1.tif source=130346_Assignment#page2.tif	

CH \$40.00 13719812

## **ASSIGNMENT**

I, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign and sell, which confirms any previous assignment by me or by operation of law, to **GENERAL DYNAMICS BROADBAND, INC.**, having its principal place of business at 90 New Montgomery Street, Suite 315, San Francisco, California 94105 ("Assignee"), its successors, assigns, and legal representatives, the entire right, title, and interest, in and to all subject matter and improvements invented, made, or conceived by me and described in the application for patent entitled

<p><b>COMMUNICATION UNITS, INTEGRATED CIRCUITS AND METHODS FOR SUPPORTING A VIRTUAL CARRIER</b></p>
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having Application Number 13/719,812, filed December 19, 2012, and in and to all patent and all patent convention and treaty rights of all kinds, including the right to claim priority from said application, and all rights in and to any utility model, continuation, continuation-in-part, and divisional application therefrom, and any reissue or re-examination as to any patent issuing therefrom, in all countries throughout the world, for all such subject matter described therein, including all rights of action and rights to recover damages for past infringements.

I agree that on request and without further consideration, I will communicate to the Assignee or its representatives or nominees any facts known to me respecting the inventions and improvements and testify in any legal proceeding, make all rightful oaths, sign all lawful papers, and execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights in all countries including, but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any

patents that issue from such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, *inter partes* review, or extension thereof, and generally do everything possible to aid the Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention and its improvements in all countries.

Legal Name of Inventor:

*(Given names first, with Family name last)*

Martin Warwick Beale

Inventor's Signature:



Inventor's Address:

9, Walker Street  
Kingsdown, Bristol BS2 8HE United Kingdom  
United Kingdom

Date:

