

## 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>Shiri Kadambi</td> <td>06/05/2002</td> </tr> <tr> <td>Shekhar Ambe</td> <td>06/03/2002</td> </tr> <tr> <td>Mohan Kalkunte</td> <td>06/10/2002</td> </tr> <tr> <td>Sandeep Relan</td> <td>05/29/2002</td> </tr> <tr> <td>Allan Christie</td> <td>06/09/2002</td> </tr> <tr> <td>Uri Elzur</td> <td>06/12/2002</td> </tr> <tr> <td>Martin Lund</td> <td>06/04/2002</td> </tr> <tr> <td>Daniel Talayco</td> <td>06/11/2002</td> </tr> </tbody> </table>		Name	Execution Date	Shiri Kadambi	06/05/2002	Shekhar Ambe	06/03/2002	Mohan Kalkunte	06/10/2002	Sandeep Relan	05/29/2002	Allan Christie	06/09/2002	Uri Elzur	06/12/2002	Martin Lund	06/04/2002	Daniel Talayco	06/11/2002
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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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Application Number:	13006968																		
CORRESPONDENCE DATA																			
Fax Number:	7709510933																		
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																			
Phone:	7709339500																		
Email:	maddie.weller@thomashorstemeyer.com																		
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OP \$40.00 13006968

ATTORNEY DOCKET NUMBER:	50229-2021
NAME OF SUBMITTER:	Randy R. Schoen
Signature:	/Randy R. Schoen/
Date:	07/10/2013
Total Attachments: 1 source=scanned3#page1.tif	

# WORLDWIDE INVENTION ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00 US), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

[Insert  
ASSIGNEE's  
Name(s)  
Address(es)]

Broadcom Corporation  
16215 Alton Parkway  
Irvine, California 92618-3616  
USA

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

[Title of  
Invention]

MULTIPLE VIRTUAL CHANNELS FOR USE IN NETWORK DEVICES

[\*If the assignment  
is being filed  
after the filing of the  
application, this  
section must be  
completed]

for which the following applications were filed:

\*Filed on: (Day Month Year) Application Number(s) 60/306,870  
23 July 2001

(Squire, Sanders & Dempsey L.L.P. is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

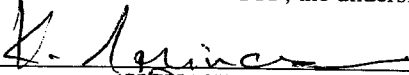
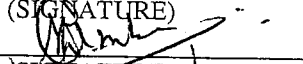
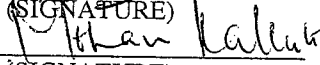
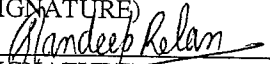

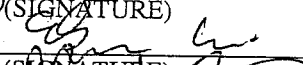
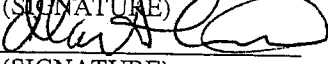
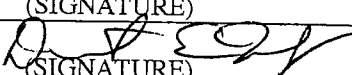
and all Letters Patent of any country in the world to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

[Signature(s)  
of Assignor(s)]

 (SIGNATURE)	Shiri KADAMBI (TYPE NAME)	6/8/02 (DATE)
 (SIGNATURE)	Shekhar AMBE (TYPE NAME)	6/3/02 (DATE)
 (SIGNATURE)	Mohan KALKUNTE (TYPE NAME)	6/10/02 (DATE)
 (SIGNATURE)	Sandeep RELAN (TYPE NAME)	5/29/2002 (DATE)
 (SIGNATURE)	Allan CHRISTIE (TYPE NAME)	6/9/02 (DATE)
 (SIGNATURE)	Uri ELZUR (TYPE NAME)	6/12/02 (DATE)
 (SIGNATURE)	Martin LUND (TYPE NAME)	6/9/02 (DATE)
 (SIGNATURE)	Daniel TALAYCO (TYPE NAME)	6/11/02 (DATE)

PATENT