#### 502568454 11/13/2013

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2614283

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
PREDRAG KOSTIC	10/30/2013
DARREN DUANE NEUMAN	11/01/2013
DAVID WU	11/04/2013
ANAND TONGLE	11/04/2013
RAJESH SHANKARRAO MAMIDWAR	11/04/2013
MILOMIR ALEKSIC	10/30/2013

### RECEIVING PARTY DATA

Name:	BROADCOM CORPORATION	
Street Address:	5300 CALIFORNIA AVENUE	
City:	IRVINE	
State/Country:	CALIFORNIA	
Postal Code:	tal Code: 92617	

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14072745

# CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 090850-0442

REEL: 031596 FRAME: 0906

**PATENT** 

502568454

NAME OF SUBMITTER:	MARK J. ITRI, REG. NO. 36,171
Signature:	/Mark J. Itri/
Date:	11/13/2013
Total Attachments: 4 source=090850-0442Assignment#page1.tif source=090850-0442Assignment#page2.tif source=090850-0442Assignment#page3.tif source=090850-0442Assignment#page4.tif	

PATENT REEL: 031596 FRAME: 0907

#### ASSIGNMENT

WHEREAS we, Predrag KOSTIC of 6387 Charing Court, Burnaby, British Columbia V5E 3Y4, Canada; Darren Duane NEUMAN of 1301 Parkinson Avenue, Palo Alto, California 94301; David WU of 4825 Mt. Ararat Drive, San Diego, California 92111; Anand TONGLE of 16340 West Bernardo Drive, San Diego, California 92127; Rajesh Shankarrao MAMIDWAR of 15246 Falcon Crest Court, San Diego, California 92127 and Milomir ALEKSIC of 1302-939 Beatty Street, Vancouver, British Columbia V6Z 3C1, Canada; have made a certain new and useful invention as set forth in an application for United States Patent, entitled LOSSLESS SWITCHING OF TRAFFIC IN A NETWORK DEVICE, which was filed on November 5, 2013 and identified by United States Patent Application No. 14/072,745 and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and the application number of said application when known;

AND WHEREAS, BROADCOM CORPORATION, a corporation of California and having an address of 5300 California Avenue, Irvine, California 92617, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, we do hereby sell, assign, transfer and set over unto Broadcom Corporation, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, we hereby agree with said assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND we request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Broadcom Corporation, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

00084 35, 2013	Trepay Folic
Date	Predrag KÓSTIC
Date	Darren Duane NEUMAN
Date	David W()
Date	Anand TONGLE
Date	Rajesh Shankarrao MAMIDWAR
October 30, 2013	Monthman Aldric
Date	Milomír ALEKSIC

AND we request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Broadcom Corporation, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

W-	
Date	Predrag KOSTIC
1/-1-20/8 Date	Darren Duane NEUMAN
Date	David WU
Date	Anand TONGLE
Date	Rajesh Shankarrao MAMIDWAR
Date	Milomir ALEKSIC

AND we request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Broadcom Corporation, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

10 m	
Date	Predrag KOSTIC
Date	Darren Duane NEUMAN
11/4/2013	David Wu
Date	David WU
11/64/2013 Date	Anand TONGLE
11/04/2013	Mnamidue
Date	Rajesh Shankarrao MAMIDWAR
Date	Milomir ALEKSIC