

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RICARDO H. BRUCE	07/08/2016
BERNARD SHERWIN LEUNG CHIW	05/10/2016
MARGARET ANNE NADONGA SOMERA	05/16/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BITMICRO NETWORKS, INC.
<b>Street Address:</b>	47929 FREMONT BLVD.
<b>City:</b>	FREMONT
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94538
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14217041
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	805-569-1600
<b>Email:</b>	arnold@dcpatentlaw.com
<b>Correspondent Name:</b>	ARNOLD DE GUZMAN
<b>Address Line 1:</b>	1364 CRESTLINE DRIVE
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<b>ATTORNEY DOCKET NUMBER:</b>	6005.019
<b>NAME OF SUBMITTER:</b>	ARNOLD DE GUZMAN
<b>SIGNATURE:</b>	/Arnold de Guzman/
<b>DATE SIGNED:</b>	07/08/2016
<b>Total Attachments: 6</b>	
source=Assignment_Ricardo_H_Bruce#page1.tif	
source=Assignment_Ricardo_H_Bruce#page2.tif	
source=Assignment_Bernard_Sherwin_ChIW#page1.tif	
source=Assignment_Bernard_Sherwin_ChIW#page2.tif	

source=Assignment\_Margaret\_Somera#page1.tif

source=Assignment\_Margaret\_Somera#page2.tif

# ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **BITMICRO Networks, Inc., a California corporation, having a place of business at 47929 Fremont Blvd., Fremont, CA 94538** ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the application for United States Letters Patent entitled: **Multi-Level Message Passing Descriptor** ("APPLICATION"), which:

☐ is to be filed herewith;

☒ was filed on March 17, 2014, now bearing U.S. serial number 14/217,041; and

2. The entire worldwide right, title, and interest in and to: (a) the APPLICATION, including any right of priority; (b) any divisional, continuation, continuation-in-part, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; and (c) any patents which may be granted on the applications set forth in (a) and (b) above.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.


INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has made or will make hereafter no assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Title of Document: ASSIGNMENT  
 In Re Application of: Ricardo H. BRUCE et al.  
 Title: Multi-Level Message Passing Descriptor  
 Filed: (if applicable) March 17, 2014  
 Serial No.: (if applicable) 14/217,041

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This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

<u>First Inventor Signature</u>  Ricardo H. BRUCE	<u>Date of Signature</u> July 5 <sup>th</sup> , 2016
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Signature provided by Stephen R. URIARTE who is a Duly Authorized Officer of BITMICRO Networks, Inc.

<u>Second Inventor Signature</u>   Bernard Sherwin Leung CHIW	<u>Date of Signature</u>   _____, 2016
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<u>Third Inventor Signature</u>   Margaret Anne Nadonga SOMERA	<u>Date of Signature</u>   _____, 2016
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### ASSIGNMENT

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First Inventor Signature \_\_\_\_\_ Date of Signature \_\_\_\_\_, 2016  
\_\_\_\_\_  
Ricardo H. BRUCE

Second Inventor Signature \_\_\_\_\_ Date of Signature \_\_\_\_\_, 2016  
\_\_\_\_\_  
Bernard Sherwin Leung CHIW

Third Inventor Signature \_\_\_\_\_ Date of Signature \_\_\_\_\_, 2016  
\_\_\_\_\_  
Margaret Anne Nadonga SOMERA

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_____ Ricardo H. BRUCE	_____, 2016

<u>Second Inventor Signature</u>	<u>Date of Signature</u>
_____ Bernard Sherwin Leung CHIW	_____, 2016

<u>Third Inventor Signature</u>	<u>Date of Signature</u>
_____ 	MAY 16 _____, 2016
Margaret Anne Nadonga SOMERA	