

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3327780

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RAZMIK KARABED	03/24/2015
EBAD AHMED	04/26/2015
VICTOR KRACHKOVSKY	04/23/2015
SHAOHUA YANG	04/22/2015
HAKAN C. OZDEMIR	03/24/2015
ZHIWEI WU	03/25/2015
RECEIVING PARTY DATA	
Name:	AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.
Street Address:	NO. 1 YISHUN AVENUE 7
City:	SINGAPORE
State/Country:	SINGAPORE
Postal Code:	768923
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14666133
CORRESPONDENCE DATA	
Fax Number:	(720)367-5411
<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>	
Email:	kee.rivers@avagotech.com
Correspondent Name:	LSI CORPORATION
Address Line 1:	1110 AMERICAN PARKWAY NE
Address Line 4:	ALLENTOWN, PENNSYLVANIA 18109
ATTORNEY DOCKET NUMBER:	L14-0393
NAME OF SUBMITTER:	GUY K. CLINGER
SIGNATURE:	/Guy K. Clinger/
DATE SIGNED:	04/27/2015
Total Attachments: 7	
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ASSIGNMENT OF PATENT APPLICATION TO AVAGO TECHNOLOGIESGENERAL IP (SINGAPORE) PTE. LTD.

I/We the undersigned (each) have agreed and hereby agree to assign to Avago Technologies General IP (Singapore) Pte. Ltd. (Company Registration No. 200512430D), a company incorporated under the laws of Singapore whose registered office is at No. 1 Yishun Avenue 7, Singapore 768923 (hereinafter AVAGO), in furtherance of my/our obligations to AVAGO, and do hereby assign and transfer to AVAGO, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

State-Split Based Encoder and Decoder with Table Compression

Filing date: March 23, 2015

Serial No.: 14/666,133

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letters Patents.

I/We additionally authorize AVAGO to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by AVAGO, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;

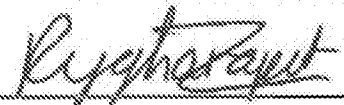
AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to AVAGO, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to AVAGO, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patents, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid AVAGO, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all

countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by AVAGO;

AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to AVAGO, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct AVAGO attorneys to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):



Inventor's Signature (Seal)

Inventor's Typed Name: Razmik Karabed

Date Assignment Signed: 3/24/2015

Date Application Signed: 3/24/2015

Inventor's Signature (Seal)

Inventor's Typed Name: Ebad Ahmed

Date Assignment Signed: _____

Date Application Signed: _____

Inventor's Signature (Seal)

Inventor's Typed Name: Victor Krachkovsky

Date Assignment Signed: _____

Date Application Signed: _____

Inventor's Signature (Seal)

Inventor's Typed Name: Shaohua Yang

Date Assignment Signed: _____

Date Application Signed: _____

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Inventor's Typed Name: Razmik Karabed

Date Assignment Signed: _____

Date Application Signed: _____

Ebad Ahmed

Inventor's Signature (Seal)

Inventor's Typed Name: Ebad Ahmed

Date Assignment Signed: 04/26/2015

Date Application Signed: 04/26/2015

Inventor's Signature (Seal)

Inventor's Typed Name: Victor Krachkovsky

Date Assignment Signed: _____

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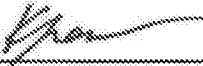
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Inventor's Typed Name: Razmik Karabed

Date Assignment Signed: _____
Date Application Signed: _____

Inventor's Signature (Seal)
Inventor's Typed Name: Ebad Ahmed

Date Assignment Signed: _____
Date Application Signed: _____



Inventor's Signature (Seal)
Inventor's Typed Name: Victor Krachkovsky

Date Assignment Signed: 04/23/2015
Date Application Signed: 04/23/2015

Inventor's Signature (Seal)
Inventor's Typed Name: Shaohua Yang

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Date Application Signed:

.....

Inventor's Signature (Seal)

Inventor's Typed Name: Ebad Ahmed

Date Assignment Signed:

Date Application Signed:

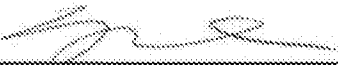
.....

Inventor's Signature (Seal)

Inventor's Typed Name: Victor Krachkovsky

Date Assignment Signed:

Date Application Signed:

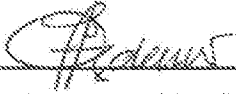

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Inventor's Signature (Seal)

Inventor's Typed Name: Shaohua Yang

Date Assignment Signed: 4/22/15

Date Application Signed:



Inventor's Signature (Seal)

Inventor's Typed Name: Hakan C. Ozdemir

Date Assignment Signed: 03/24/2015

Date Application Signed: 03/24/2015

Inventor's Signature (Seal)

Inventor's Typed Name: Zhiwei Wu

Date Assignment Signed: _____

Date Application Signed: _____

.....

Inventor's Signature (Seal)

Inventor's Typed Name: Hakan C. Ozdemir

Date Assignment Signed:

Date Application Signed:

Zhiwei Wu
.....

Inventor's Signature (Seal)

Inventor's Typed Name: Zhiwei Wu

Date Assignment Signed: 2015.3.25

Date Application Signed: 2015.3.25