

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4547633

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	TIMOTHY TOSHIO NAKADA	06/30/2017
	JASON DANIEL ZEBCHUK	06/15/2017
	GREGG ALAN BOUCHARD	08/07/2017
	TEJAS MAHESHBHAI BHATT	08/03/2017
	HONG JIK KIM	07/10/2017
	AHMED SHAHID	07/10/2017
	MARK JON KWONG	07/13/2017
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	CAVIUM, INC.	
<b>Street Address:</b>	2315 N. FIRST STREET	
<b>City:</b>	SAN JOSE	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	95131	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	15613889
<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>	858-754-9154	
<b>Email:</b>	pkalousek.ip@gmail.com	
<b>Correspondent Name:</b>	PAVEL KALOUSEK	
<b>Address Line 1:</b>	22262 CRESTLINE ROAD	
<b>Address Line 2:</b>	P.O. BOX 245	
<b>Address Line 4:</b>	PALOMAR MOUNTAIN, CALIFORNIA 92060	
<b>ATTORNEY DOCKET NUMBER:</b>	CV_15-0005US-U3	
<b>NAME OF SUBMITTER:</b>	PAVEL KALOUSEK	
<b>SIGNATURE:</b>	/Pavel Kalousek/	
<b>DATE SIGNED:</b>	08/12/2017	

PATENT

**Total Attachments: 11**

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ASSIGNMENT

WHEREAS, I/we, **Timothy Toshio Nakada, Jason Daniel Zebchuk, Gregg Alan Bouchard, Tejas Maheshbhai Bhatt, Hong Jik Kim, Ahmed Shahid, and Mark Jon Kwong**, have invented a certain improvement in **PROGRAMMABLE HARDWARE SCHEDULER FOR DIGITAL PROCESSING SYSTEMS** described in an application for Patent,

- ☒ the specification of which is about to be filed in the United States Patent Office (*use for utility (37 CFR § 1.53(b)) and design filings only*);
- ☐ is about to be filed in the United States Patent Office as a Provisional Application;
- ☐ the specification of which is United States Application No. [ ], filed [ ];
- ☐ the specification of which is a Patent Cooperation Treaty Application, International Application No. [ ], filed [ ], which designates the United States of America [and is assigned United States Application No. [ ]];
- ☐ which was patented under United States Patent No. [ ].

WHEREAS, **Cavium, Inc.** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **State of Delaware** and having a usual place of business at **2315 N. First Street, San Jose, CA 95131** desires to confirm its interest therein in accordance with agreements duly entered into with me;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I/we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I/we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. I/we hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for any and all related provisional and nonprovisional, international and national phase applications, including any and all substitution, reissue, divisional, continuation, and continuation-in-part applications, and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; I/we hereby expressly authorize the filing of an

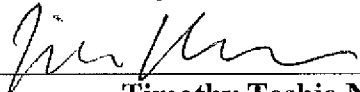
International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

AND, I/we hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any further applications including substitution, reissue, divisional or continuation, continuation-in-part applications, and all related provisional and nonprovisional, international and national phase applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, I/we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, I/we have hereunto set my/our hand(s) and affixed my/our seal the date set forth below.

1. Inventor: **Timothy Toshio Nakada**

Signature:  Date: 6/30/17  
**Timothy Toshio Nakada**

## ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

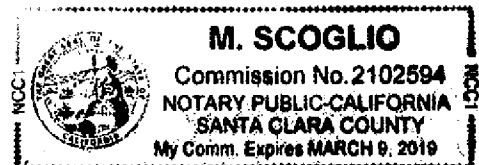
State of CALIFORNIA  
County of SANTA CLARA

On JUNE 30, 2017 before me, M. SCOGLIO, NOTARY PUBLIC

personally appeared TIMOTHY TOSHIO NAKADA  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are  
subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in  
his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the  
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of CALIFORNIA that the  
foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature  (Seal)

2. Inventor: **Jason Daniel Zebchuk**

Signature: \_\_\_\_\_

**Jason Daniel Zebchuk**

Date: \_\_\_\_\_

6/15/2017

## ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of MASSACHUSETTS

County of MIDDLESEX

On JUNE 15, 2017 before me, JOSEPH DAVID BAUSK,

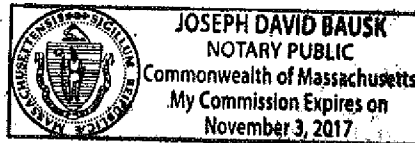
personally appeared JASON DANIEL ZEBCHUK

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

M.A. DAIV.LLC,

I certify under PENALTY OF PERJURY under the laws of the State of MASSACHUSETTS that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature \_\_\_\_\_

(Seal)

3. Inventor: **Gregg Alan Bouchard**

Signature: *Gregg A. Bouchard*  
**Gregg Alan Bouchard**

Date: 8/7/17

### ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of Texas

County of Williamson

On 08/07/2017 before me, ~~Gregg Bouchard~~ Alexis Rene Colwell

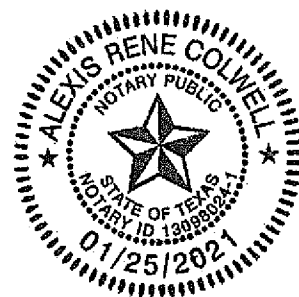
personally appeared Gregg Bouchard

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Texas that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Alexis Rene Colwell (Seal)



4. Inventor: **Tejas Maheshbhai Bhatt**

Signature:   
**Tejas Maheshbhai Bhatt**

Date: 03-AUG-2017

## ACKNOWLEDGMENT

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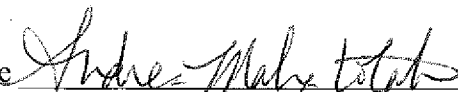
State of California  
County of Santa Clara

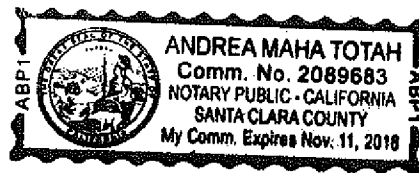
On Aug 3, 2017 before me, Andrea Maha Totah, Notary Public,

personally appeared Tejas Maheshbhai Bhatt  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

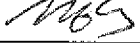
WITNESS my hand and official seal.

Signature  (Seal)





5. Inventor: **Hong Jik Kim**

Signature:   
**Hong Jik Kim**

Date: 7/10/2017

## ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.	pt
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State of \_\_\_\_\_

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_,

personally appeared \_\_\_\_\_  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature \_\_\_\_\_ (Seal)

## ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of Santa Clara

On July 10, 2017 before me, Andrea Maha Totah, Notary Public  
(insert name and title of the officer)

personally appeared Hong Sik Kim  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

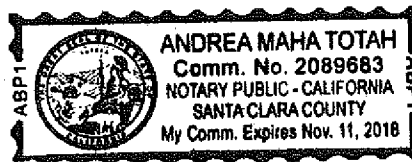
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Andrea Maha Totah


(Seal)



PATENT

REEL: 043276 FRAME: 0883

6. Inventor: **Ahmed Shahid**

Signature:   
**Ahmed Shahid**

Date: 7-10-2017

## ACKNOWLEDGMENT

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State of \_\_\_\_\_

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_,

personally appeared \_\_\_\_\_  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature  (Seal)

## ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of Santa Clara

On July 10, 2017 before me, Andrea Maha Totah, Notary Public  
(Insert name and title of the officer)

personally appeared Ahmed Shahid  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

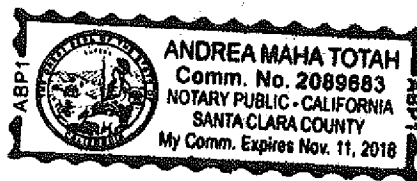
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Andrea Maha Totah

(Seal)



PATENT

REEL: 043276 FRAME: 0885

7. Inventor: **Mark Jon Kwong**

Signature: \_\_\_\_\_

Mark Jon Kwong  
Mark Jon Kwong

Date: \_\_\_\_\_

7/13/17

## ACKNOWLEDGMENT

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State of California

County of Santa Clara

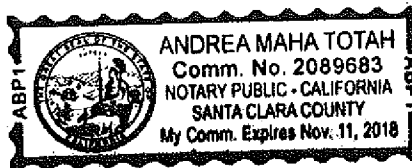
On July 13, 2017 before me, Andrea Maha Totah, Notary Public

personally appeared Mark Jon Kwong

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature: \_\_\_\_\_

Andrea Maha Totah

(Seal)