# 503054864 11/10/2014

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3101464

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
RAJEEV BALASUBRAMONIAN	02/10/2006
NAVEEN MURALIMANOHAR	02/10/2006
KARTHIK RAMANI	02/10/2006
LIQUN CHENG	02/10/2006
JOHN CARTER	02/10/2006

#### **RECEIVING PARTY DATA**

Name:	UNIVERSITY OF UTAH, TECHNOLOGY COMMERCIALIZATION OFFICE	
Street Address:	615 ARAPEEN DRIVE, SUITE 310	
City:	SALT LAKE CITY	
State/Country:	UTAH	
Postal Code:	84108	

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Patent Number:	7478190

## **CORRESPONDENCE DATA**

**Fax Number:** (801)328-1707

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.

**Phone:** 801-533-9800

**Email:** jstringham@wnlaw.com **Correspondent Name:** JOHN C. STRINGHAM

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Address Line 4: SALT LAKE CITY, UTAH 84111

ATTORNEY DOCKET NUMBER:	6300.264
NAME OF SUBMITTER:	JOHN C. STRINGHAM
SIGNATURE:	/John C. Stringham, 40831/
DATE SIGNED:	11/10/2014

# **Total Attachments: 6**

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PATENT 503054864 REEL: 034137 FRAME: 0826

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PATENT REEL: 034137 FRAME: 0827

## WHEN RECORDED RETURN TO:

PATENT APPLICATION Docket No: 50818-01010

Thomas J. Rossa, Reg. No. 26,799 Holme Roberts & Owen LLP 299 South Main Street, Suite 1800 Salt Lake City, Utah 84111

### ASSIGNMENT

WHEREAS, we, Rajeev Balasubramonia, of 11147 O'Henry Rd., Sandy, UT 84070; Naveen Murlimanohar, of 860 E. 300 S. #32, Salt Lake City, UT 84102; Karthik Ramani, of 366 ½ S. 1200 E., Salt Lake City, UT 84102; Liqun Cheng, of 613 Medical Plaza, Salt Lake City, UT 84112; and John Carter, of 2285 Benchmark Circle, Salt Lake City, UT 84109; are the owners of all right, title and interest in the patent application entitled MICROARCHITECTURAL WIRE MANAGEMENT FOR PERFORMANCE AND POWER IN PARTITIONED ARCHITECTURES hereinafter identified as the "Invention."

Preferred embodiments of said invention are disclosed in a United States Patent Application filed as a utility patent application, identified by attorney docket number 50818-01010.

WHEREAS, University of Utah, Technology Commercialization Office, a Utah Corporation having a place of business at 615 Arapeen Drive, Suite 310, Salt Lake City, Utah 84108, is desirous of acquiring all right, title and interest in and to the Invention.

NOW THEREFORE, be it known that for certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, we hereby sell, assign and transfer to University of Utah, its successors, legal representatives and assigns, the aforesaid Invention and all related provisional applications for patent(s) for the territory of the United States of America and all patents, all continuations, divisionals, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the Invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the Invention in the United States or any other country; we also assign any right, title or interest in and to the said Invention which have not already been transferred to University of Utah; we hereby warrant that no assignment has been made of the Invention to a party other than University of Utah, and are under no obligation to make any assignment of the Invention, to any other party; and we also further agree to cooperate with University of Utah, hereunder in the maintaining of any and all such Letters Patent and in confirming University of Utah's exclusive ownership of the Inventions, but at the expense of University of Utah.

The Commissioner of Patents is hereby authorized and requested to issue any and all Letters Patent, any and all Reissue Letters Patent, any and all Certificates Of Reexamination solely in accordance with the terms of this Assignment, to University of Utah, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

#201304 v1

PATENT REEL: 034137 FRAME: 0828 IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the day indicated hereunder.

Date: 2/10/2006

By: Rajeev Balasubramonian 11147 O'Henry Rd. Sandy, UT 84070

STATE OF Utak )ss.

COUNTY OF Salt Cake.

Before me, a Notary Public in and for said County and State, personally appeared Rajeev Balasubramonian, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 10th day of February, 2006.

Notary Public Mitchell

My Commission Expires: /2-1-2007

Nickery Public
AMBLE MITCHELL
201 S. President's Circle, Room 209
Sell Lake City Utech 84112-9012
My Committeer Express
December 1, 2007

IN WITNESS WHEREOF , the parties hereto have executed this Assignment as of the day indicated hereunder.

Date: Feb, 10th 2006

By:

Chause

Naveen Muralimanohar 860 E. 300 S. #32 Salt Lake City, UT 84102

COUNTY OF <u>Hiddlese</u>

Before me, a Notary Public in and for said County and State, personally appeared Naveen Muralimanohar, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given undermy hand and seal of office this LOW day of February

My Commission Expires:

NANCY MULLINAX Notary Public Commonwealth of Massachusetts My Commission Expires Mar 13, 2009

IN WITNESS WHEREOF , the parties hereto have executed this Assignment as of the day indicated hereunder.

By:

Karthik Ramani

366 1/2 S. 1200 E.

Salt Lake City, UT 84102

COUNTY OF Middlesey )

Before me, a Notary Public in and for said County and State, personally appeared Karthik Ramani, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this Loth day of February

Notary Public

My Commission Expires: 3-13-2009

NANCY MULLINAX Notary Public Commonwealth of Massachusetts **IN WITNESS WHEREOF**, the parties hereto have executed this Assignment as of the day indicated hereunder.

Date: Feb 10th 200b By: Liqun Cheng 613 Medical Plaza Salt Lake City, UT 84112

STATE OF (Hah.)

STATE OF <u>Utah.</u>) ss. COUNTY OF <u>Salx Lake.</u>)

Before me, a Notary Public in and for said County and State, personally appeared Liqun Cheng, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 10th day of February, 2006.

Organ Mitchell
Notary Public

My Commission Expires: 12-1- 2007

Notary Fusic
ANGIE INTCHELL
2015 President's Circle, Rook
Self Like City, Utsh Ski112-S
Hy Commission Expires
December 1, 2007
State of Utah

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the day indicated hereunder.

Date: 10 February 2006

Benchmark Circle Salt Lake City, UT 84109

STATE OF <u>Utak</u> COUNTY OF <u>Salt Lake</u>

Before me, a Notary Public in and for said County and State, personally appeared John Carter, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 10 th day of February, 2006.

Notary Public

My Commission Expires: /2-/-2007