

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2953071

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JONATHAN SPRINKLE	07/22/2014
XIAO QIN	07/17/2014
SUSAN LYSECKY	07/21/2014
RECEIVING PARTY DATA	
Name:	THE ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA
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Internal Address:	4TH FLOOR, PO BOX 210300A
City:	TUCSON
State/Country:	ARIZONA
Postal Code:	85721-0300
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14314704
CORRESPONDENCE DATA	
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<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>	
Phone:	202/772-5800
Email:	purnell@blankrome.com
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Address Line 1:	600 NEW HAMPSHIRE AVE., NW
Address Line 4:	WASHINGTON, D.C. 20037
ATTORNEY DOCKET NUMBER:	000259-00122
NAME OF SUBMITTER:	MICHAEL C. GREENBAUM, REG. NO. 28,419
SIGNATURE:	/Michael C. Greenbaum/
DATE SIGNED:	07/24/2014
Total Attachments: 6	
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PATENT

REEL: 033386 FRAME: 0443

ASSIGNMENT

THIS ASSIGNMENT, made on the date set forth below by Jonathan SPRINKLE, at c/o The University of Arizona, Electrical and Computer Engineering 456N, 1230 E Speedway Blvd., P.O. Box 210104, Tucson, AZ 85721; Xiao QIN, at c/o The University of Arizona, Electrical and Computer Engineering 446, 1230 E Speedway Blvd., P.O. Box 210104, Tucson, AZ 85721 and Susan LYSECKY, at c/o The University of Arizona, Electrical and Computer Engineering 356C, 1230 E Speedway Blvd., P.O. Box 210104, Tucson, AZ 85721 (hereinafter referred to as the Assignors), witnesseth:

WHEREAS, said Assignors have invented certain new and useful improvements in DATA-DRIVEN HVAC OPTIMIZATION set forth in an application for Letters Patent of the United States, filed on June 25, 2014 as U.S. Patent Application No. 14/314,704; and

WHEREAS, THE ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA, a body corporate duly formed in accordance with Title 15 of the Arizona Revised Statutes, at the University of Arizona, Tech Transfer Arizona, University Services Annex, 4th Floor, PO Box 210300A, Tucson, AZ 85721-0300 (hereinafter referred to as the Assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the said Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over,

US Patent Application No. 14/314,704

unto the Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the said Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.

AND for the same consideration, the said Assignors hereby covenant and agree to and with the said Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, the said Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that the said Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, the said Assignors hereby covenant and agree to and with the said Assignee, its successors, legal representatives and assigns, that the said Assignors will, whenever counsel of the said Assignee or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in

connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, that any division, continuation or continuation-in-part of any application for Letters Patent, or reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to the said Assignors, their successors, legal representatives and assigns, but at the cost and expense of the said Assignee, its successors, legal representatives and assigns.

AND said Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to the said Assignee, as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use and behoof of the said Assignee, its successors, legal representatives and assigns.

The undersigned hereby grant the firm of Blank Rome LLP 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.

US Patent Application No. 14/314,704

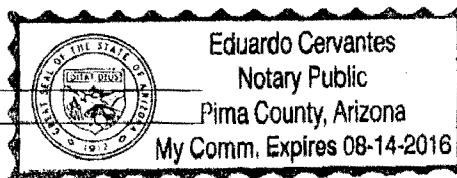
Date: 22 July 2014

Jonathan Sprinkle
Jonathan SPRINKLE

STATE OF Arizona
COUNTY OF Pima

On this 22nd day of July 2014, personally before me came Jonathan SPRINKLE, known to me, and known to me to be the person described in and who signed the annexed Assignment, and being duly sworn, acknowledged that they executed the same.

NOTARY PUBLIC [Signature]
My Commission Expires: 08/14/2016



Date: _____

Xiao QIN

STATE OF _____
COUNTY OF _____

On this _____ day of _____ 2014, personally before me came Xiao QIN, known to me, and known to me to be the person described in and who signed the annexed Assignment, and being duly sworn, acknowledged that they executed the same.

NOTARY PUBLIC _____
My Commission Expires: _____

Date: _____

Susan LYSECKY

STATE OF _____
COUNTY OF _____

On this _____ day of _____ 2014, personally before me came Susan LYSECKY, known to me, and known to me to be the person described in and who signed the annexed Assignment, and being duly sworn, acknowledged that they executed the same.

NOTARY PUBLIC _____
My Commission Expires: _____

US Patent Application No. 14/314,704

Date: _____

Jonathan SPRINKLE

STATE OF _____

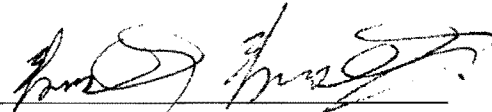
COUNTY OF _____

On this _____ day of _____ 2014, personally before me came Jonathan SPRINKLE _____, known to me, and known to me to be the person described in and who signed the annexed Assignment, and being duly sworn, acknowledged that they executed the same.

NOTARY PUBLIC _____

My Commission Expires: _____

Date: 07/17/2014



Xiao QIN

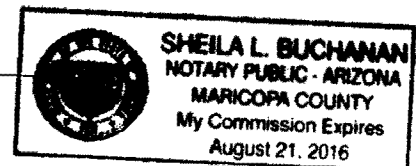
STATE OF Arizona

COUNTY OF Maricopa

On this 17 day of July 2014, personally before me came Xiao QIN _____, known to me, and known to me to be the person described in and who signed the annexed Assignment, and being duly sworn, acknowledged that they executed the same.

NOTARY PUBLIC 

My Commission Expires: 8-21-16



Date: _____

Susan LYSECKY

STATE OF _____

COUNTY OF _____

On this - day of _____ 2014, personally before me came Susan LYSECKY _____, known to me, and known to me to be the person described in and who signed the annexed Assignment, and being duly sworn, acknowledged that they executed the same.

NOTARY PUBLIC _____

My Commission Expires: _____

US Patent Application No. 14/314,704

Date: _____

Jonathan SPRINKLE

STATE OF _____

COUNTY OF _____

On this _____ day of _____ 2014, personally before me came Jonathan SPRINKLE _____, known to me, and known to me to be the person described in and who signed the annexed Assignment, and being duly sworn, acknowledged that they executed the same.

NOTARY PUBLIC _____

My Commission Expires: _____

Date: _____

Xiao QIN

STATE OF _____

COUNTY OF _____

On this _____ day of _____ 2014, personally before me came Xiao QIN _____, known to me, and known to me to be the person described in and who signed the annexed Assignment, and being duly sworn, acknowledged that they executed the same.

NOTARY PUBLIC _____

My Commission Expires: _____

Date: 07/21 /2014

Susan Lysecky
Susan LYSECKY

STATE OF Arizona

COUNTY OF Pima

On this 21 day of July 2014, personally before me came Susan LYSECKY _____, known to me, and known to me to be the person described in and who signed the annexed Assignment, and being duly sworn, acknowledged that they executed the same.

NOTARY PUBLIC *Linda M. Woods*

My Commission Expires: 6-2-2016

