

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3109207

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CLIFFORD C. FEDERSPIEL	01/06/2012
JERRY CHIN	01/05/2012
RECEIVING PARTY DATA	
Name:	VIGILENT CORPORATION
Street Address:	2001 BROADWAY
City:	OAKLAND
State/Country:	CALIFORNIA
Postal Code:	94612
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13215189
CORRESPONDENCE DATA	
Fax Number:	(415)576-0300
<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:	415-576-0200
Email:	horosco@kilpatricktownsend.com
Correspondent Name:	KILPATRICK TOWNSEND & STOCKTON LLP
Address Line 1:	TWO EMBARCADERO CENTER
Address Line 2:	EIGHTH FLOOR
Address Line 4:	SAN FRANCISCO, CALIFORNIA 94111
ATTORNEY DOCKET NUMBER:	91725-000610US-818129
NAME OF SUBMITTER:	DAVID B. RACZKOWSKI, REG. NO. 52,145
SIGNATURE:	/David B. Raczkowski/
DATE SIGNED:	11/14/2014
Total Attachments: 1	
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ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Clifford C. Federspiel of 701 El Cerrito Plaza, El Cerrito, CA 94530; and Jerry Chin of 701 El Cerrito Plaza, El Cerrito, CA 94530, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: ENERGY-OPTIMAL CONTROL DECISIONS FOR HVAC SYSTEMS

Date(s) of execution of Declaration: January 5, 2012 and January 6, 2012

Filing Date: August 22, 2011

Application No.: 13,215,189; and

WHEREAS, VERILENT CORPORATION, located at 701 El Cerrito Plaza, El Cerrito, CA 94530, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same:

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignor, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 1/6/12

Cliff Federspiel
Clifford C. Federspiel

Dated: 1/5/12

Jerry Chin
Jerry Chin