

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JEREMY WARREN	03/31/2014
MATTHEW J. EYRING	03/31/2014
JAMES ELLIS NYE	04/14/2014
JUNGTAIK HWANG	04/14/2014
TIM LOTT	03/31/2014
LUKE LANGFORD	04/24/2014
WADE SHEARER	03/28/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	VIVINT, INC.
<b>Street Address:</b>	4931 N. 300 W.
<b>City:</b>	PROVO
<b>State/Country:</b>	UTAH
<b>Postal Code:</b>	84604
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15964606
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(801)799-5700
<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>	8017995800
<b>Email:</b>	patentdocket@hollandhart.com
<b>Correspondent Name:</b>	VIVINT HOLLAND & HART
<b>Address Line 1:</b>	222 SOUTH MAIN STREET, SUITE 2200
<b>Address Line 4:</b>	SALT LAKE CITY, UTAH 84101
<b>ATTORNEY DOCKET NUMBER:</b>	VIV015C1 (83199.0719)
<b>NAME OF SUBMITTER:</b>	J. SCOTT KARREN
<b>SIGNATURE:</b>	/J. SCOTT KARREN/
<b>DATE SIGNED:</b>	04/27/2018

**Total Attachments: 9**

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

U.S. PATENT APPLICATION NO. ....61/859,766  
FILING DATE ..... 29 July 2013  
INVENTOR(S).....Jeremy Warren et al.  
ASSIGNEE.....Vivint, Inc.  
ATTORNEY'S DOCKET NO ..... VIV015P (83199.0016)  
TITLE.....SYSTEMS AND METHODS FOR ENERGY MANAGEMENT

**PATENT ASSIGNMENT**

**Inventors:**

Jeremy Warren  
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Draper, UT 84020  
*Citizenship: US*

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4274 Sheffield Dr.  
Provo, UT 84604  
*Citizenship: US*

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Jungtaik Hwang  
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Draper, UT 84020  
*Citizenship: US*

Tim Lott  
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Orem, UT 84057  
*Citizenship: US*

Luke Langford  
238 E 1320 S  
Lehi, Utah 84043  
*Citizenship: US*

Wade Shearer  
927 South 450 West  
Lehi, UT 84043  
*Citizenship: US*

**Assignee:**

Vivint, Inc.  
4931 N. 300 W.  
Provo, UT 84604

**BACKGROUND OF THE ASSIGNMENT**

INVENTORS have conceived a certain new and useful invention disclosed in a United States patent application titled "SYSTEMS AND METHODS FOR ENERGY MANAGEMENT."

ASSIGNEE desires to acquire the entire right, title and interest in the invention and with respect to any Letters Patent or grant of rights equivalent thereto that may be granted with respect to the invention in both the United States and in all foreign countries.

**THE PARTIES AGREE AS FOLLOWS:**

For good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, each of the undersigned INVENTORS hereby sells, assigns, and transfers to Vivint, Inc., a corporation of the state of Utah, the entire right, title, and interest in the above-identified patent application executed concurrently herewith and to all divisional, continuing, substitute, renewal, reissue, and all other applications for patent or the legal equivalent thereof which have been or may be filed in the United States and all countries foreign to the United States relating to any subject matter disclosed by the above-identified patent application and hereby authorizes the Commissioner of Patents and Trademarks to issue such Letters Patent to ASSIGNEE for the sole use of ASSIGNEE, its successors, or assigns.

Specifically, ASSIGNEE is hereby authorized to apply for patents relating to the invention in its own name in countries where such procedure is proper; to claim the benefit of, file, and prosecute applications relating to the invention under any international conventions or

treaties, if applicable. INVENTORS agree to execute applications relating to the invention in those countries and under those international conventions or treaties, if applicable, where it is necessary that the same be executed by the inventors, and to execute assignments of such applications and the resulting grant of patent rights or equivalents thereof to ASSIGNEE as well as all other necessary papers in relation to such applications and Letters Patent.

Each of the INVENTORS further agree, at the request and expense of ASSIGNEE, to:  
execute all divisional, continuing, substitute, renewal, reissue, and any other documents relating thereto;

execute all rightful oaths, declarations, assignments, powers of attorney, and other papers;  
communicate to the ASSIGNEE all facts and provide to the ASSIGNEE all documents and things known to the undersigned relating to the above-referenced Application for United States Letters Patent;

testify as to the same in any interference, litigation, or other proceeding relating to the above-referenced application for United States Letters Patent; and

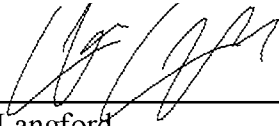
in general, do everything reasonably possible which the ASSIGNEE shall consider desirable for vesting title to such Application for United States Letters Patent in the ASSIGNEE, and for securing, maintaining, defending, or enforcing valid and enforceable patent protection therefor.

Each of the INVENTORS acknowledge that the sale, assignment, and transfer of rights and property set forth herein is and shall be irrevocable and binding upon the heirs, assigns, representatives and successors of each undersigned INVENTOR and extends to the successors, assigns, and nominees of the ASSIGNEE.

Signed on \_\_\_\_\_, 2014.

\_\_\_\_\_  
Tim Lott

Signed on \_\_\_\_\_ April 24th, 2014.

\_\_\_\_\_  
  
Luke Langford


Signed on \_\_\_\_\_, 2014.

\_\_\_\_\_  
Wade Shearer

POWER OF ATTORNEY

In the event the ASSIGNEE is unable to secure INVENTORS' signature on any document necessary to apply for, prosecute, obtain, or enforce any patent, copyright, or other right or protection relating to any invention, whether due to mental or physical incapacity or other cause, INVENTORS hereby irrevocably designate and appoint the ASSIGNEE and each of its duly authorized officers and agents as his or her agent and attorney-in-fact, to act for and in his or her behalf and stead to execute and file any such documents and to do all other lawfully permitted acts to further the prosecution, issuance, and enforcement of patents, copyrights, or other rights or protections with the same force and effect as if executed and delivered by the INVENTORS.

Signed on 3/31, 2014.

  
Jeremy Warren

Signed on \_\_\_\_\_, 2014.

  
Matthew J. Eyring

Signed on \_\_\_\_\_, 2014.

\_\_\_\_\_  
James Ellis Nye

Signed on \_\_\_\_\_, 2014.

\_\_\_\_\_  
Jungtaik Hwang

POWER OF ATTORNEY

In the event the ASSIGNEE is unable to secure INVENTORS' signature on any document necessary to apply for, prosecute, obtain, or enforce any patent, copyright, or other right or protection relating to any invention, whether due to mental or physical incapacity or other cause, INVENTORS hereby irrevocably designate and appoint the ASSIGNEE and each of its duly authorized officers and agents as his or her agent and attorney-in-fact, to act for and in his or her behalf and stead to execute and file any such documents and to do all other lawfully permitted acts to further the prosecution, issuance, and enforcement of patents, copyrights, or other rights or protections with the same force and effect as if executed and delivered by the INVENTORS.

Signed on \_\_\_\_\_, 2014.

\_\_\_\_\_  
Jeremy Warren

Signed on \_\_\_\_\_, 2014.

\_\_\_\_\_  
Matthew J. Eyring

Signed on April 14, 2014.

  
James Ellis Nye

Signed on \_\_\_\_\_, 2014.

\_\_\_\_\_  
Jungtaik Hwang



**POWER OF ATTORNEY**

In the event the ASSIGNEE is unable to secure INVENTORS' signature on any document necessary to apply for, prosecute, obtain, or enforce any patent, copyright, or other right or protection relating to any invention, whether due to mental or physical incapacity or other cause, INVENTORS hereby irrevocably designate and appoint the ASSIGNEE and each of its duly authorized officers and agents as his or her agent and attorney-in-fact, to act for and in his or her behalf and stead to execute and file any such documents and to do all other lawfully permitted acts to further the prosecution, issuance, and enforcement of patents, copyrights, or other rights or protections with the same force and effect as if executed and delivered by the INVENTORS.

Signed on \_\_\_\_\_, 2014.

\_\_\_\_\_  
Jeremy Warren

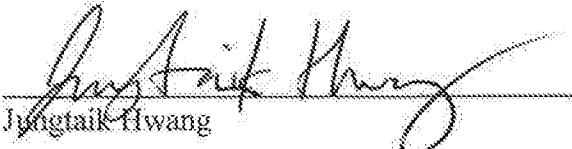
Signed on \_\_\_\_\_, 2014.

\_\_\_\_\_  
Matthew J. Eyring


Signed on \_\_\_\_\_, 2014.

\_\_\_\_\_  
James Ellis Nye

Signed on 4/14, 2014.

  
Jungtaik Hwang

Signed on 31 March, 2014.

  
\_\_\_\_\_  
Tim Lott

Signed on \_\_\_\_\_, 2014.

\_\_\_\_\_  
Luke Langford

Signed on \_\_\_\_\_, 2014.

\_\_\_\_\_  
Wade Shearer

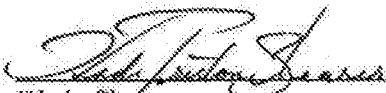
Signed on \_\_\_\_\_, 2014.

\_\_\_\_\_  
Tim Lott

Signed on \_\_\_\_\_, 2014.

\_\_\_\_\_  
Luke Langford

Signed on 28 March, 2014.

  
\_\_\_\_\_  
Wade Shearer