

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2987789

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ZHIYUN LI	08/17/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SAMSUNG ELECTRONICS CO., LTD.
<b>Street Address:</b>	129, SAMSUNG-RO, YEONGTONG-GU
<b>City:</b>	SUWON-SI, GYEONGGI-DO
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14463193
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)403-3587
<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>	202-293-0804
<b>Email:</b>	usdocketing@jeffersonip.com
<b>Correspondent Name:</b>	JEFFERSON IP LAW, LLP
<b>Address Line 1:</b>	1130 CONNECTICUT AVE., NW, SUITE 420
<b>Address Line 4:</b>	WASHINGTON, D.C. 20036
<b>ATTORNEY DOCKET NUMBER:</b>	2014.02.001.MN0
<b>NAME OF SUBMITTER:</b>	JAMES J. LIVINGSTON
<b>SIGNATURE:</b>	/James J. LIVINGSTON/
<b>DATE SIGNED:</b>	08/19/2014
<b>Total Attachments: 4</b>	
source=2014-02-001-MN0AssignmentAsFiled#page1.tif	
source=2014-02-001-MN0AssignmentAsFiled#page2.tif	
source=2014-02-001-MN0AssignmentAsFiled#page3.tif	
source=2014-02-001-MN0AssignmentAsFiled#page4.tif	

# RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**  
1) Zhiyun LI

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
Name: Samsung Electronics Co., Ltd.  
Internal Address: \_\_\_\_\_  
Street Address: 129, Samsung-ro, Yeongtong-gu  
City: Suwon-si, Gyeonggi-do  
State: \_\_\_\_\_  
Country: Republic of Korea Zip: \_\_\_\_\_

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**  
Execution Date(s) August 7, 2014

Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**  This document is being filed together with a new application.

A. Patent Application No.(s)  
14/463,193

B. Patent No.(s)

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**  
Name: Jefferson IP Law, LLP  
Internal Address: James J. Livingston  
Street Address: 1130 Connecticut Ave., NW, Suite 420  
City: Washington  
State: DC Zip: 20036  
Phone Number: 202-293-0804  
Fax Number: 202-403-3587  
Email Address: usdocketing@jeffersonip.com

**6. Total number of applications and patents involved:** One

**7. Total fee (37 CFR 1.21(h) & 3.41) \$** \_\_\_\_\_

Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number \_\_\_\_\_  
Authorized User Name \_\_\_\_\_

**9. Signature:** \_\_\_\_\_ /James J. LIVINGSTON/ Reg. No. 55,394 \_\_\_\_\_ August 19, 2014 \_\_\_\_\_  
Signature Date

James J. Livingston \_\_\_\_\_  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

DOCKET NO. 2014.02.001.MN0  
CUSTOMER NO.: 68103

PATENT

ASSIGNMENT

WHEREAS, I, Zhiyun LI, resident of 8105 NE 150th St, Kenmore, WA 98028, citizen of China, have invented certain new and useful improvements in a "APPARATUS AND METHOD FOR GAMIFICATION OF SENSOR DATA INTERPRETATION IN SMART HOME" disclosed in an application for United States Letters Patent (Application No. 14/463,193, filed August 19, 2014), said application having been executed concurrently herewith;

WHEREAS, SAMSUNG ELECTRONICS CO., LTD, a corporation organized under the laws of the Republic of Korea, having a place of business at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742, Republic of Korea (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; I authorize the law firm of Jefferson IP Law, LLP of Washington, DC and its attorneys and agents as associated with Customer No. 68103 the authority and power to insert in the parenthesis above the application number and filing date of said application when known; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEE of our entire right, title and interest.

I also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

I hereby further agree that I will communicate to said ASSIGNEE, or to its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all

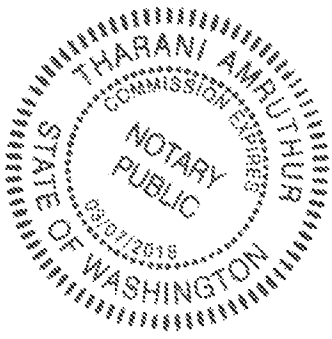
divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

IN WITNESS WHEREOF, I have hereunto set our hands and seals this 7<sup>th</sup> day of August 2014.

Zhiyun Li  
ZHIYUN LI

STATE OF WASHINGTON §  
COUNTY OF King §

On this 7<sup>th</sup> day of August 2014, before me, a Notary Public in and for the State and County aforesaid, personally appeared Zhiyun LI, known to me to be the person named above who signed and sealed the foregoing instrument, and acknowledged the same to be his/her own free act and deed.



Tharani Ambuthur  
Notary Public, State of Washington

My Commission Expires:  
03/07/2018