

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4756915

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
IGOR KARP	08/29/2017
LEV STESIN	08/28/2017
CARLES PI-SUNYER	08/28/2017
MARK ANDREW MCBRIDE	10/23/2014
ALEXANDER DUBMAN	09/07/2017
JAMES LYONS	11/14/2017
SAMUEL W. KORTZ	08/28/2017
GREGORY HU	09/11/2017
AMANDA SURYA	08/29/2017
AUBREY THELEN	08/28/2017
DAVID HORTON	09/05/2017
MICHAEL SOUCIE	08/28/2017
LEON TAN	08/28/2017
CHRISTOPHER ANTHONY BOROSS	08/28/2017
JESSE BOETTCHER	08/28/2017
TIM ENWALL	08/29/2017
PRASHANT PAPIAHGARI REDDY	08/28/2017
MARK MALHOTRA	08/28/2017
EVAN JARMAN FISHER	08/28/2017
TODD HESTER	08/30/2017
YOKY MATSUOKA	09/12/2017
ANDREW J. URMAN	08/28/2017
RECEIVING PARTY DATA	
Name:	GOOGLE INC
Street Address:	1600 AMPHITHEATRE PARKWAY
City:	MOUNTAIN VIEW
State/Country:	CALIFORNIA
Postal Code:	94043
PROPERTY NUMBERS Total: 1	

Property Type	Number
Application Number:	15380767

CORRESPONDENCE DATA

Fax Number:

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.

Email: Todd@colbynipper.com
Correspondent Name: COLBY NIPPER
Address Line 1: 291 E SHORE DRIVE
Address Line 2: SUITE 200
Address Line 4: EAGLE, IDAHO 83616

ATTORNEY DOCKET NUMBER:	583900US
NAME OF SUBMITTER:	MICHAEL K. COLBY
SIGNATURE:	/Michael K. Colby/
DATE SIGNED:	01/02/2018

Total Attachments: 46

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ASSIGNMENT

Whereas I, the ASSIGNOR herein,

Igor Karp
Palo Alto, CA, USA

have invented **Methods and Apparatus for Using Smart Environment Devices via Application Program Interfaces (Docket No. 583900US)**, described, illustrated, and claimed in an application for Letters Patent in the United States of America.

WHEREAS, GOOGLE INC., the ASSIGNEE herein, is a corporation organized and existing under the laws of the State of Delaware, having a place of business at 1600 Amphitheatre Parkway, Mountain View, California 94043, USA, desires to acquire the entire right, title and interest in and to said inventions, applications and Letters Patent to be granted and issued thereon;

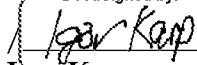
NOW, THEREFORE, I, the said ASSIGNOR, have assigned and do hereby assign, transfer and set over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said inventions and all improvements thereon, in and to said patent application for Letters Patent thereon, in and to patent applications pertaining to or based upon said inventions and applications, including divisional and continuing applications and continuations-in-part, and in and to any and all Letters Patent which may be granted and issued on said inventions and applications, or any of them, not only for, to and in the United States of America, its territories and possessions, but for, to and in all countries foreign thereto, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment.

And for the above-named considerations, I do hereby agree that I will, at the request of said ASSIGNEE, execute any and all applications for Letters Patent for said inventions and any and all other papers and documents and do all other and further lawful acts that said ASSIGNEE may deem necessary or desirable to obtain Letters Patent on said inventions, to secure the grant of such Letters Patent and to perfect and vest in the ASSIGNEE the entire right, title and interest in the inventions, applications and Letters Patent.

And for the above-named considerations, I do hereby authorize and empower the ASSIGNEE, its successors and assigns, to apply for and obtain, in its or their own names, Letters Patent for the said

inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

Signed:

DocuSigned by:

Igor Karp DD1E7400...

8/29/2017

Date

ASSIGNMENT

Whereas I, the ASSIGNOR herein,

Lev Stesin
Mountain View, CA, USA

have invented **Methods and Apparatus for Using Smart Environment Devices via Application Program Interfaces (Docket No. 583900US)**, described, illustrated, and claimed in an application for Letters Patent in the United States of America.

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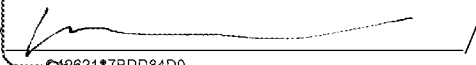
NOW, THEREFORE, I, the said ASSIGNOR, have assigned and do hereby assign, transfer and set over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said inventions and all improvements thereon, in and to said patent application for Letters Patent thereon, in and to patent applications pertaining to or based upon said inventions and applications, including divisional and continuing applications and continuations-in-part, and in and to any and all Letters Patent which may be granted and issued on said inventions and applications, or any of them, not only for, to and in the United States of America, its territories and possessions, but for, to and in all countries foreign thereto, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment.

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inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

Signed:

DocuSigned by:

Lev Stesin

8/28/2017

Date

ASSIGNMENT

Whereas I, the ASSIGNOR herein,

Carles Pi-Sunyer
Mountain View, CA, USA

have invented **Methods and Apparatus for Using Smart Environment Devices via Application Program Interfaces (Docket No. 583900US)**, described, illustrated, and claimed in an application for Letters Patent in the United States of America.

WHEREAS, GOOGLE INC., the ASSIGNEE herein, is a corporation organized and existing under the laws of the State of Delaware, having a place of business at 1600 Amphitheatre Parkway, Mountain View, California 94043, USA, desires to acquire the entire right, title and interest in and to said inventions, applications and Letters Patent to be granted and issued thereon;

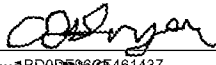
NOW, THEREFORE, I, the said ASSIGNOR, have assigned and do hereby assign, transfer and set over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said inventions and all improvements thereon, in and to said patent application for Letters Patent thereon, in and to patent applications pertaining to or based upon said inventions and applications, including divisional and continuing applications and continuations-in-part, and in and to any and all Letters Patent which may be granted and issued on said inventions and applications, or any of them, not only for, to and in the United States of America, its territories and possessions, but for, to and in all countries foreign thereto, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment.

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inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

Signed:

DocuSigned by:


Charles P. Sullivan

8/28/2017

Date

ASSIGNMENT

Whereas I, the ASSIGNOR herein,

Alexander Dubman
San Mateo, CA, USA

have invented **Methods and Apparatus for Using Smart Environment Devices via Application Program Interfaces (Docket No. 583900US)**, described, illustrated, and claimed in an application for Letters Patent in the United States of America.

WHEREAS, GOOGLE INC., the ASSIGNEE herein, is a corporation organized and existing under the laws of the State of Delaware, having a place of business at 1600 Amphitheatre Parkway, Mountain View, California 94043, USA, desires to acquire the entire right, title and interest in and to said inventions, applications and Letters Patent to be granted and issued thereon;

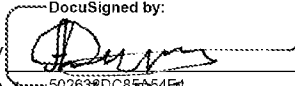
NOW, THEREFORE, I, the said ASSIGNOR, have assigned and do hereby assign, transfer and set over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said inventions and all improvements thereon, in and to said patent application for Letters Patent thereon, in and to patent applications pertaining to or based upon said inventions and applications, including divisional and continuing applications and continuations-in-part, and in and to any and all Letters Patent which may be granted and issued on said inventions and applications, or any of them, not only for, to and in the United States of America, its territories and possessions, but for, to and in all countries foreign thereto, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment.

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And for the above-named considerations, I do hereby authorize and empower the ASSIGNEE, its successors and assigns, to apply for and obtain, in its or their own names, Letters Patent for the said

inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

Signed:

DocuSigned by:

Alexander Dubman

9/7/2017
Date

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, I/we, the undersigned,

Hereby sell, assign and transfer to

Google Inc., a corporation of the State of Delaware, having a place of business at 1600 Amphitheatre Parkway, Mountain View, CA 94043,

its successors, assigns and legal representatives, my entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed, in the patent applications identified in Appendix A, and in and to said applications and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

COVENANT with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

IN WITNESS WHEREOF, I hereunto set my hand and seal:

Date: Oct 23, 2014
Prashant Reddy [L.S.]
Prashant Reddy (Oct 23, 2014)
Prashant Papiahgari Reddy of Pittsburgh, PA

Witness: _____ [signature]
_____ [print name]
_____ [address]

Date: Oct 23, 2014
Mark Malhotra [L.S.]
Mark Malhotra (Oct 24, 2014)
Mark Malhotra of San Mateo, CA

Witness: _____ [signature]
_____ [print name]
_____ [address]

Date: Oct 23, 2014
Evan Fisher [L.S.]
Evan Fisher (Oct 24, 2014)
Evan Jarman Fisher of Palo Alto, CA

Witness: _____ [signature]
_____ [print name]
_____ [address]

Date: Oct 23, 2014
Todd Hester [L.S.]
Todd Hester (Oct 28, 2014)
Todd Hester of Palo Alto, CA

Witness: _____ [signature]
_____ [print name]
_____ [address]

Date: Oct 23, 2014

Mark McBride
Mark McBride (Oct 28, 2014) [L.S.]
Mark Andrew McBride of Santa Clara, CA

Witness: _____ [signature]
_____ [print name]
_____ [address]

Date: Oct 23, 2014

Yoky Matsuoka
Yoky Matsuoka (Nov 1, 2014) [L.S.]
Yoky Matsuoka of Palo Alto, CA

Witness: _____ [signature]
_____ [print name]
_____ [address]

APPENDIX A

1. U.S. Ser. No. 14/531,805, entitled "INTELLIGENT CONFIGURATION OF A SMART HOME ENVIRONMENT BASED ON ARRIVAL TIME," Attorney Docket Number NEST:0035A, Google Inc. Client Reference Number GP-21977-00-US.

ASSIGNMENT

Whereas I, the ASSIGNOR herein,

James Lyons
Mountain View, CA, USA

have invented **Methods and Apparatus for Using Smart Environment Devices via Application Program Interfaces (Docket No. 583900US)**, described, illustrated, and claimed in an application for Letters Patent in the United States of America.

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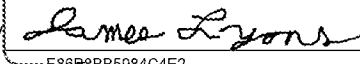
NOW, THEREFORE, I, the said ASSIGNOR, have assigned and do hereby assign, transfer and set over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said inventions and all improvements thereon, in and to said patent application for Letters Patent thereon, in and to patent applications pertaining to or based upon said inventions and applications, including divisional and continuing applications and continuations-in-part, and in and to any and all Letters Patent which may be granted and issued on said inventions and applications, or any of them, not only for, to and in the United States of America, its territories and possessions, but for, to and in all countries foreign thereto, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment.

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And for the above-named considerations, I do hereby authorize and empower the ASSIGNEE, its successors and assigns, to apply for and obtain, in its or their own names, Letters Patent for the said

inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

Signed:

DocuSigned by:

James Lyons

11/14/2017

Date

ASSIGNMENT

Whereas I, the ASSIGNOR herein,

Samuel W. Kortz
Palo Alto, CA, USA

have invented **Methods and Apparatus for Using Smart Environment Devices via Application Program Interfaces (Docket No. 583900US)**, described, illustrated, and claimed in an application for Letters Patent in the United States of America.

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inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

Signed:

DocuSigned by:
Sam Kertz
Samuel W. Kertz

8/28/2017
Date

ASSIGNMENT

Whereas I, the ASSIGNOR herein,

Amanda Surya
Cupertino, CA, 95014, USA

have invented **Methods and Apparatus for Using Smart Environment Devices via Application Program Interfaces (Docket No. 583900US)**, described, illustrated, and claimed in an application for Letters Patent in the United States of America.

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inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

Signed:

DocuSigned by:

Amanda Surya

8/29/2017
Date

ASSIGNMENT

Whereas I, the ASSIGNOR herein,

Gregory Hu
Los Altos, CA, USA

have invented **Methods and Apparatus for Using Smart Environment Devices via Application Program Interfaces (Docket No. 583900US)**, described, illustrated, and claimed in an application for Letters Patent in the United States of America.

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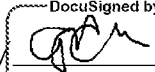
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Signed:

DocuSigned by:

_____/

9/11/2017

Date

ASSIGNMENT

Whereas I, the ASSIGNOR herein,

Aubrey Thelen
Palo Alto, CA, USA

have invented **Methods and Apparatus for Using Smart Environment Devices via Application Program Interfaces (Docket No. 583900US)**, described, illustrated, and claimed in an application for Letters Patent in the United States of America.

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And for the above-named considerations, I do hereby authorize and empower the ASSIGNEE, its successors and assigns, to apply for and obtain, in its or their own names, Letters Patent for the said

inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

Signed:

DocuSigned by:

Aubrey Thelen

8/28/2017
Date

ASSIGNMENT

Whereas I, the ASSIGNOR herein,

David Horton
Palo Alto, CA, USA

have invented **Methods and Apparatus for Using Smart Environment Devices via Application Program Interfaces (Docket No. 583900US)**, described, illustrated, and claimed in an application for Letters Patent in the United States of America.

WHEREAS, GOOGLE INC., the ASSIGNEE herein, is a corporation organized and existing under the laws of the State of Delaware, having a place of business at 1600 Amphitheatre Parkway, Mountain View, California 94043, USA, desires to acquire the entire right, title and interest in and to said inventions, applications and Letters Patent to be granted and issued thereon;


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inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

Signed:

DocuSigned by:

David Horton

9/5/2017

Date

ASSIGNMENT

Whereas I, the ASSIGNOR herein,

Leon Tan
Palo Alto, CA, USA

have invented **Methods and Apparatus for Using Smart Environment Devices via Application Program Interfaces (Docket No. 583900US)**, described, illustrated, and claimed in an application for Letters Patent in the United States of America.

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
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inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

Signed:

DocuSigned by:


Leon Ian

8/28/2017

Date

ASSIGNMENT

Whereas I, the ASSIGNOR herein,

Michael Soucie
Boulder, CO, USA

have invented **Methods and Apparatus for Using Smart Environment Devices via Application Program Interfaces (Docket No. 583900US)**, described, illustrated, and claimed in an application for Letters Patent in the United States of America.

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inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

Signed:

DocuSigned by:

Michael Soucie

8/28/2017

Date

ASSIGNMENT

Whereas I, the ASSIGNOR herein,

Christopher Anthony Boross
San Francisco, CA, USA

have invented **Methods and Apparatus for Using Smart Environment Devices via Application Program Interfaces (Docket No. 583900US)**, described, illustrated, and claimed in an application for Letters Patent in the United States of America.

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inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

Signed:

DocuSigned by:

CA77508162274C2

Christopher Anthony Boross

8/28/2017

Date

ASSIGNMENT

Whereas I, the ASSIGNOR herein,

Jesse Boettcher
San Jose, CA, USA

have invented **Methods and Apparatus for Using Smart Environment Devices via Application Program Interfaces (Docket No. 583900US)**, described, illustrated, and claimed in an application for Letters Patent in the United States of America.

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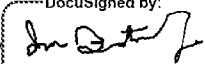
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inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

Signed:

DocuSigned by:

E4B86C71C454CE...
Jesse Boettcher

8/28/2017
Date

ASSIGNMENT

Whereas I, the ASSIGNOR herein,

Tim Enwall
Palo Alto, CA, USA

have invented **Methods and Apparatus for Using Smart Environment Devices via Application Program Interfaces (Docket No. 583900US)**, described, illustrated, and claimed in an application for Letters Patent in the United States of America.

WHEREAS, GOOGLE INC., the ASSIGNEE herein, is a corporation organized and existing under the laws of the State of Delaware, having a place of business at 1600 Amphitheatre Parkway, Mountain View, California 94043, USA, desires to acquire the entire right, title and interest in and to said inventions, applications and Letters Patent to be granted and issued thereon;

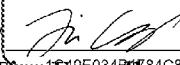
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inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

Signed:

DocuSigned by:


Tim Erwall

8/29/2017

Date

ASSIGNMENT

Whereas I, the ASSIGNOR herein,

Prashant Papiahgari Reddy
Madison, NJ, USA

have invented **Methods and Apparatus for Using Smart Environment Devices via Application Program Interfaces (Docket No. 583900US)**, described, illustrated, and claimed in an application for Letters Patent in the United States of America.

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inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

Signed:

DocuSigned by:


Prashant Papihgari Reddy

8/28/2017

Date

ASSIGNMENT

Whereas I, the ASSIGNOR herein,

Mark Malhotra
San Mateo, CA, USA

have invented **Methods and Apparatus for Using Smart Environment Devices via Application Program Interfaces (Docket No. 583900US)**, described, illustrated, and claimed in an application for Letters Patent in the United States of America.

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Signed:

DocuSigned by:


Mark Mamotta

8/28/2017

Date

ASSIGNMENT

Whereas I, the ASSIGNOR herein,

Evan Jarman Fisher
Palo Alto, CA, USA

have invented **Methods and Apparatus for Using Smart Environment Devices via Application Program Interfaces (Docket No. 583900US)**, described, illustrated, and claimed in an application for Letters Patent in the United States of America.

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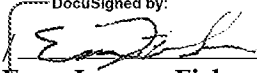
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inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

Signed:

DocuSigned by:

Evan J. Fisher

8/28/2017

Date

ASSIGNMENT

Whereas I, the ASSIGNOR herein,

Todd Hester
San Francisco, CA, USA

have invented **Methods and Apparatus for Using Smart Environment Devices via Application Program Interfaces (Docket No. 583900US)**, described, illustrated, and claimed in an application for Letters Patent in the United States of America.

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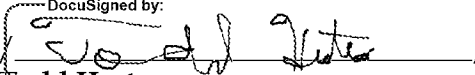
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inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

Signed:

DocuSigned by:

Todd Hester

8/30/2017

Date

ASSIGNMENT

Whereas I, the ASSIGNOR herein,

Yoky Matsuoka
Palo Alto, CA, USA

have invented **Methods and Apparatus for Using Smart Environment Devices via Application Program Interfaces (Docket No. 583900US)**, described, illustrated, and claimed in an application for Letters Patent in the United States of America.

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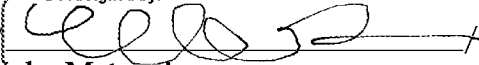
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inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

Signed:

DocuSigned by:

Yoky Matsuoka

9/12/2017

Date

ASSIGNMENT

Whereas I, the ASSIGNOR herein,

Andrew J. Urman
Mountain View, CA, USA

have invented **Methods and Apparatus for Using Smart Environment Devices via Application Program Interfaces (Docket No. 583900US)**, described, illustrated, and claimed in an application for Letters Patent in the United States of America.

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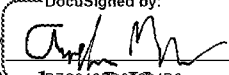
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Signed:

DocuSigned by:

Andrew J. Orman

8/28/2017
Date