

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3729146

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DANIEL RYAN	08/27/2015
KELBY EDWARD GREEN	08/18/2015
EMANUEL PAUL MALANDRAKIS	08/18/2015
KONSTANTIN KLITENIK	08/18/2015
RECEIVING PARTY DATA	
Name:	ABL IP HOLDING LLC
Street Address:	ONE LITHONIA WAY
City:	CONYERS
State/Country:	GEORGIA
Postal Code:	30012
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14990259
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	jallen@ratnerprestia.com
Correspondent Name:	KEITH E. GEORGE
Address Line 1:	P.O. BOX 980
Address Line 4:	VALLEY FORGE, PENNSYLVANIA 19482
ATTORNEY DOCKET NUMBER:	VLC-146US7
NAME OF SUBMITTER:	KEITH E. GEORGE
SIGNATURE:	/Keith E. George/
DATE SIGNED:	02/05/2016
Total Attachments: 6	
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ASSIGNMENT

WHEREAS We, Daniel Ryan; Kelby Edward Green; Emanuel Paul Malandrakis; and Konstantin Klitenik of 680 Mission Street, Unit 32T, San Francisco, CA 94105; 265 C Street, Apt. 12, Boston, MA 02127; 11 Grove Street, Apt. 5, Boston, MA 02114; and 27 Wheeler Street, Unit 124, Cambridge, MA 02318, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled SYSTEM AND METHOD FOR ESTIMATING THE POSITION AND ORIENTATION OF A MOBILE COMMUNICATIONS DEVICE IN A BEACON-BASED POSITIONING SYSTEM, for which an application for United States Letters Patent (Application No. 14/823,074) and a Patent Cooperation Treaty International Application (Application No. PCT/US15/44667) were filed on August 11, 2015;

AND WHEREAS, ABL IP HOLDING LLC, a company of the State of Georgia and having an address of One Lithonia Way, Conyers, Georgia 30012 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto ABL IP Holding LLC (Assignee), its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned applications, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said Assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor(a) and Assignee;

AND We hereby grant the Assignee, its successors, legal representatives and assigns, the power to insert on this instrument any further identification that may be necessary or desirable to comply with the recordation rules of any appropriate and competent authority, including, without limitation, the United States Patent and Trademark Office.

AND We hereby agree that this Assignment may be executed in two or more counterparts each of which shall be deemed an original but all of which together shall constitute one and the

same instrument.

AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said ABL IP Holding LLC, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

08/27/2015
Date

Dn Ryan
Daniel Ryan

Date

Kelby Edward Green

Date

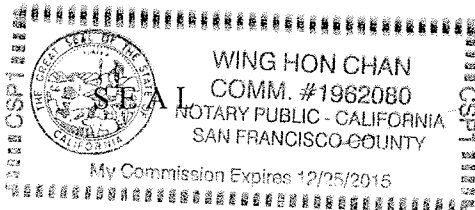
Emanuel Paul Malandrakis

Date

Konstantin Klitenik

STATE OF California)
) SS:
COUNTY OF San Francisco

On this 27th day of August, 2015, before me personally appeared Daniel Ryan, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Notary Public

My commission expires DEC 25, 2015.

STATE OF _____)
) SS:
COUNTY OF _____)

On this _____ day of _____, 2015, before me personally appeared Kelby Edward Green, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

Notary Public

My commission expires _____

STATE OF _____)
) SS:
COUNTY OF _____)

On this _____ day of _____, 2015, before me personally appeared Emanuel Paul Malandrakis, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

S E A L

Notary Public

My commission expires _____

STATE OF _____)
) SS:
COUNTY OF _____)

On this _____ day of _____, 2015, before me personally appeared Konstantin Klitenik, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

S E A L

Notary Public

My commission expires _____

ASSIGNMENT

WHEREAS We, Daniel Ryan; Kelby Edward Green; Emanuel Paul Malandrakis; and Konstantin Klitenik of 680 Mission Street, Unit 32T, San Francisco, CA 94105; 265 C Street, Apt. 12, Boston, MA 02127; 11 Grove Street, Apt. 5, Boston, MA 02114; and 27 Wheeler Street, Unit 124, Cambridge, MA 02318, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled SYSTEM AND METHOD FOR ESTIMATING THE POSITION AND ORIENTATION OF A MOBILE COMMUNICATIONS DEVICE IN A BEACON-BASED POSITIONING SYSTEM, for which an application for United States Letters Patent (Application No. 14/823,074) and a Patent Cooperation Treaty International Application (Application No. PCT/US15/44667) were filed on August 11, 2015;

AND WHEREAS, ABL IP HOLDING LLC, a company of the State of Georgia and having an address of One Lithonia Way, Conyers, Georgia 30012 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto ABL IP Holding LLC (Assignee), its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned applications, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said Assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor(a) and Assignee;

AND We hereby grant the Assignee, its successors, legal representatives and assigns, the power to insert on this instrument any further identification that may be necessary or desirable to comply with the recordation rules of any appropriate and competent authority, including, without limitation, the United States Patent and Trademark Office.

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same instrument.

AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said ABL IP Holding LLC, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date	<u>8/18/2015</u>	<u>Daniel Ryan</u>
Date	<u>8/18/2015</u>	<u>Kelby Edward Green</u>
Date	<u>8/18/15</u>	<u>Emanuel Paul Malandrakis</u>
Date		<u>Konstantin Klitenik</u>

STATE OF MA)
) SS:
COUNTY OF _____)

On this _____ day of _____, 2015, before me personally appeared Daniel Ryan, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

Notary Public

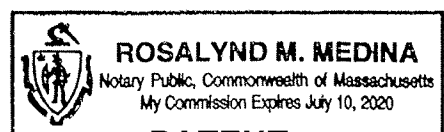
My commission expires _____

STATE OF MA)
) SS:
COUNTY OF Suffolk)

On this 18th day of August, 2015, before me personally appeared Kelby Edward Green, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

[Signature]
Notary Public



PATENT

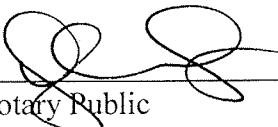
REEL: 037676 FRAME: 0155

My commission expires July 10, 2020

STATE OF MA)
COUNTY OF Suffolk) SS:

On this 18th day of August, 2015, before me personally appeared Emanuel Paul Malandrakis, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL



Notary Public

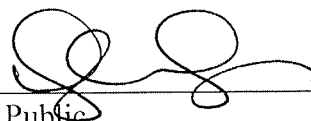
My commission expires July 10, 2020

STATE OF MA)
COUNTY OF Suffolk) SS:



On this 18th day of August, 2015, before me personally appeared Konstantin Klitenik, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL



Notary Public

My commission expires July 10, 2020

