#### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4997127

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SURA HADI	03/19/2018
WILLIAM DAVIS	03/14/2018
MICHAEL JOHN BOSWORTH ROBERTS	03/14/2018
MICHALYN ANDREWS	03/13/2018

#### **RECEIVING PARTY DATA**

Name:	LIGHTHOUSE & BEACON, INC.	
Street Address:	7141 SANTA MONICA BOULEVARD	
Internal Address:	UNIT 230	
City:	LOS ANGELES	
State/Country:	CALIFORNIA	
Postal Code:	90046	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15862408

#### **CORRESPONDENCE DATA**

**Fax Number:** (650)493-6811

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.

**Phone:** (650) 493-9300

**Email:** jhuddleston@wsgr.com, patentdocket@wsgr.com

Correspondent Name: WILSON SONSINI GOODRICH & ROSATI

Address Line 1: 650 PAGE MILL ROAD

Address Line 4: PALO ALTO, CALIFORNIA 94304

ATTORNEY DOCKET NUMBER:	53045-701.201	
NAME OF SUBMITTER:	JENNIFFER HUDDLESTON	
SIGNATURE:	/Jenniffer C. Huddleston/	
DATE SIGNED:	06/07/2018	

**Total Attachments: 13** 

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Docket Number: 53045-701.201

WHEREAS, the undersigned:

1. Sura HADI San Diego, CA (US) 2. William DAVIS San Diego, CA (US) 3. Michael John Busworth ROBERTS San Diego, CA (US) 4. Michalyn ANDREWS La Jolla, CA (US)

(hereinafter "Inventor(s))," have invented certain new and useful improvements in

## RETROREFLECTORS PROVIDING INFORMATION ENCODED IN REFLECTED NON-VISIBLE LASER WHILE RETAINING VISIBLE LIGHT SAFETY PROPERTIES

Some for which application serial number 15/862,408 was filed on January 4, 2018 in the United States Patent and Trademark Office;

(hereinafter, "Application(s)"). The term "Application(s)" also includes all patent applications that share or claim priority to or from the above application(s).

WHEREAS, Lighthouse & Bencon, Inc., a corporation of the State of Delaware, having a place of business at 7141 Santa Monica Boulevard, Unit 230, Los Angeles, California 90046 (US), (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said Application(s), and the inventions disclosed therein, and in and to all embodiments of the inventions, heretofore conceived, made or discovered, whether jointly or severally, by said Inventor(s) (hereinafter collectively referred to as "Inventions"), and in and to any and all patents, inventor's certificates and other forms of protection thereon granted in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise (hereinafter "Patent(s)").

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

- 1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions; (b) in and to said Applications, including the right to claim priority to and from said Application(s); (c) in and to each and every application that is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); (d) in and to said Patent(s) and each and every patent issuing or reissuing from any of the foregoing; (e) in and to each and every reissue, reexamination, renewal or extension of any kind of any of the foregoing; (f) in and to each and every patent and application filed outside the United States and corresponding to any of the foregoing; and (g) in and to all claims for past, present and future infringement of the Patent(s), including all rights to sue for and to receive and recover for Assignee's own use all past, present, and future lost profits, royalties, and damages of whatever nature recoverable from an infringement of the Patent(s).
- 2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, eaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any applications covering said Inventions; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting applications for reissuance of any said Patent(s); (e) for interference or other priority proceedings involving said Inventions; and (f) for legal proceedings involving said Inventions and any applications therefor and any Patent(s) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that reasonable expenses incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.
- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said inventor(s), their respective heirs, legal representatives and assigns.
- 4. Said inventor(s) hereby warrant, represent and covenant that said inventor(s) have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.
- 5. Said Inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.
- 6. This instrument will be interpreted and construed in accordance with the laws of the State of California, without regard to conflict of law principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable to the greatest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed an original, but all of which together constitute one and the same agreement.

PATENT ASSIGNMENT	Docket Number: 53045-701.201	
IN WITNESS WHEREOF, said Inventor(s) have executed and delivered the	is instrument to said Assignee as of the dates written	
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who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) isfore subscribed to the within instrument and act nonledged to me that he shothery executed the same in his/her their authorized capacity(ies), and that by his/her/their agranting(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.  I critify under PENALTY OF PERIURY under the laws of		
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PATENT ASSIGNMENT	Docket Number: 536/5-701.201
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Docket Number: 53045-701.201

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NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

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PATENT ASSIGNMENT	Docket Number: 53045-701.201
IN WITNESS WHEREOF, said Inventor(s) have executed and	delivered this instrument to said Assignce as of the dates writte
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	I certify under PENALTY OF PERJURY under the laws of
	the State/Commonwealth of that the foregoing paragraph is true and correct.
	WITNESS my hand and official seal.
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PATENT ASSIGNMENT	Docket Number: 53045-701.201
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Date: Michael John Borworth ROBERTS	
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who proved to me on the basis of satisfactory evidence to be the person(s) be/she/they executed the same in his/her/their authorized capacity(les), and tha which the person(s) acted, executed the instrument.	whose name(s) is/are subscribed to the within instrument and acknowledged to me that a by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of
	I certify under PENALTY OF PERJURY under the laws of the State/Commonwealth of this the foregoing paragraph is true and correct.
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RECEIVED AND AGREED TO BY ASSIGNEE: Lighthouse &	Bearon, Inc.
Dag 04/17/18 /	
Michalys ANDREWS	

Docket Number: 53045-701.201

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PATENT ASSIGNMENT	Docket Number: 53045-701.201
IN WITNESS WHEREOF, said Inventor(s) have executed and below:	d delivered this instrument to said Assignee as of the dates written
Date:	
Sura HADI	
A notary public or other officer completing this certificate verifies only the identity of the indivi- securacy, or validity of that document.	dual who signed the document to which this certificate is attached, and not the truthfulness
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On	Notary Public
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who proved to me on the basis of satisfactory evidence to be the person(s) whose n he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/ which the person(s) acted, executed the instrument.	her/their signature(s) on the instrument the person(s), or the emity upon behalf of
	I certify under PENALTY OF PERJURY under the laws of the State/Commonwealth of that the foregoing pumpraph is true and correct.
	WITNESS my band and official seal.
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PATENT ASSIGNMENT	Docket Number: 53045-701.201
Date: 3/14/18 Mickael John Bosworth ROBERTS	
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Name(s) of Signers	
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SPENCER ADDISON RICHLEY Commission # 2085356 Notary Public - California Orange County My Comm. Expires Oct 9, 2018	I certify under PENALTY OF PERIURY under the laws of the State/Commonwealth of Salifox wis that the foregoing paragraph is true and correct.  WITNESS my hand and official seal.  Signature Signature of Notory Public
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Michalyn ANDREWS  A notary public or other officer completing this certificate verifies only the identity of the individual who as accuracy, or validity of that doscurest.	igned the document to which this certificate is attached, and not the tratificiness,
State/Commonwealth of	Notary Public. Insert Name and Title of the Officer
Name(s) of Signer(s)	•
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is he/she/they executed the same in his/her/their authorized capacity(ics), and that by his/her/their authorized capacity(ics), and their authorized capacity(ics), and that by his/her/their authorized capacity(ics), and their authorized capacity(ics), and that by his/her/their authorized capacity(ics), and that by his/her/their authorized capacity(ics), and that by his/her/their authorized capacity(ics), and their authori	fore subscribed to the within instrument and acknowledged to me that ignature(s) on the instrument the person(s), or the entity open behalf of a certify under PENALTY OF PERIURY under the laws of the State/Commonwealth of
Place Notury Seel Abovel	SignatureSignature of Notary Public
RECEIVED AND AGREED TO BY ASSIGNEE: Lighthouse & Bercon, Inc.	

## **ACKNOWLEDGMENT**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

attached, and not the truthfuln validity of that document.	ess, accuracy,	or
State of California County of Los Angeles		)
On March 14, 2018	before me,	Spencer Addison Richley, Notary Public, (Insert name and title of the officer)
		(insert name and title of the officer)
subscribed to the within instrum- his/her/their authorized capacity person(s), or the entity upon bel	of satisfactory e ent and acknov (ies), and that i half of which the	th Roberts  Evidence to be the person(s) whose name(s) is/are  Evidence to be the person(s) whose name(s) is/are  Evidence to me that he/she/they executed the same in  Evidence to me that he/she/they executed the same in  Evidence that he/she/they executed the instrument.  Evidence the state of california that the foregoing
WITNESS my hand and official	seal.	SPENCER ADDISON RICHLEY Commission # 2085356 Notary Public - California Orange County My Comm. Expires Oct 9, 2018
Signature Same.	42	(Seal)

Docket Number: 53045-701.201

WHEREAS, the undersigned:

- 1. Sura HADI San Diego, CA (US)
- 2. William DAVIS San Diego, CA (US)
- 3. Michael John Bosworth ROBERTS San Diego, CA (US)
- 4. Michalyn ANDREWS La Jolia, CA (US)

(hereinafter "Inventor(s))," have invented certain new and useful improvements in

## RETROREFLECTORS PROVIDING INFORMATION ENCODED IN REFLECTED NON-VISIBLE LASER WHILE RETAINING VISIBLE LIGHT SAFETY PROPERTIES

for which application serial number 15/862.408 was filed on January 4, 2018 in the United States Patent and Trademark Office:

(hereinafter, "Application(s)"). The term "Application(s)" also includes all patent applications that share or claim priority to or from the above application(s).

WHEREAS, Lighthouse & Beacon, Inc., a corporation of the State of Delaware, having a place of business at 7141 Santa Monica Boulevard, Unit 230, Los Angeles, California 90046 (US), (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said Application(s), and the inventions disclosed therein, and in and to all embodiments of the inventions, heretofore conceived, made or discovered, whether jointly or severally, by said Inventor(s) (hereinafter collectively referred to as "Inventions"), and in and to any and all patents, inventor's certificates and other forms of protection thereon granted in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise (hereinafter "Patent(s)").

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

- 1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions; (b) in and to said Applications, including the right to claim priority to and from said Application(s); (c) in and to each and every application that is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); (d) in and to said Patent(s) and each and every patent issuing or reissuing from any of the foregoing; (e) in and to each and every reissue, reexamination, renewal or extension of any kind of any of the foregoing; (f) in and to each and every patent and application filed outside the United States and corresponding to any of the foregoing; and (g) in and to all claims for past, present and future infringement of the Patent(s), including all rights to sue for and to receive and recover for Assignee's own use all past, present, and future lost profits, royalties, and damages of whatever nature recoverable from an infringement of the Patent(s).
- 2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any applications covering said Inventions; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting applications for reissuance of any said Patent(s); (e) for interference or other priority proceedings involving said Inventions; and (f) for legal proceedings involving said Inventions and any applications therefor and any Patent(s) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that reasonable expenses incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.
- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.
- 4. Said Inventor(s) hereby warrant, represent and covenant that said Inventor(s) have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.
- 5. Said Inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.
- 6. This instrument will be interpreted and construed in accordance with the laws of the State of California, without regard to conflict of law principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable to the greatest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed an original, but all of which together constitute one and the same agreement.

PATENT ASSIGN	MENT	Docket Number: 53045-701.201
Year Calcade		this instrument to said Assignee as of the dates written
Date:Sura HADI		
accriments on validity of that document		the document to which this certificate is attached, and not the translutness
State/Commonwealth of		
Onbefore me,		Notary Public.
Date		eri Name and Title of the Officer
personally appeared Sura HADI	Name(s) of Signer(s)	
who proved to me on the basis of satisfactory evidence be/she/they executed the same in his/her/their authorized of which the person(s) acted, executed the instrument.	to be the person(s) whose name(s) is/are capacity(ies), and that by his/her/their signs	subscribed to the within instrument and acknowledged to me that there(s) on the instrument the person(s), or the entity upon behalf of
waste and personally active, observed the marinings.		I certify under PENALTY OF PERILIRY under the laws of the State/Commonwealth of that the foregoing puragraph is true and correct.
		WITNESS my hand and official seal.
		Signature Signature of Notary Public
Place Notary Seal Above		
Date: William DAVIS		
1 1	ies only the identity of the individual who signed	the document to which this confificate is attached, and not the trathfulness,
State/Commonwealth of		
On Dute before me,	**	Notary Public.
Date	riere inse	ert Name and Title of the Officer
personally appeared William DAVIS	Nume(s) of Signer(s)	
who proved to me on the basis of satisfactory evidence he/she/they executed the same in his/her/their authorized which the person(s) acted, executed the instrument.	to be the person(s) whose name(s) lware capacity(ies), and that by his/her/their signs	subscribed to the within instrument and acknowledged to me that store(s) on the instrument the person(s), or the entity upon behalf of
		I certify under PENALTY OF PERJURY under the laws of the State/Commonwealth of that the foregoing paragraph is true and correct.
		WITNESS my band and official seal.
		Signature
		Signature of Nosary Public

Place Notary Seul Above

PATENT ASSIGNMENT	Docket Number: 53045-701.201
Date:	
Michael John Bosworth ROBERTS	
A notary public or other officer completing this certificate verifies only the identity of the individual who accuracy, or validity of that document.	signed the document to which this certificate is attached, and not the trafhfalment.
State/Commonwealth of	
Onbefore me,	Notary Public.  re Insert Name and Title of the Officer
personally appeared Michael John Bosworth ROBERTS  Name(s) of Signer(	***************************************
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their which the person(s) acted, executed the instrument.	stare subscribed to the within instrument and acknowledged to me that signature(s) on the instrument the person(s), or the entity upon behalf of
water the personal states, executed the manufacture.	I certify under PENALTY OF PERILIRY under the laws of the State/Commonwealth ofthat the foregoing paragraph is true and correct.
	WITNESS my hand and official seal.
	Signature Signature of Notary Public
Place Notary Seal Above	
Date: 03/13/18 Michalyn ANDREWS	
A notary public or other officer completing this certificate verifies only the identity of the individual who accuracy, or validity of that document.	signed the document to which this certificate is attached, and not the trothfuldess,
State/Communwealth of California  County of San Diegs On March 13, 2018 before me. BYWE KA	Notary Public.
personally appeared Michalyn ANDREWS Nume(s) of Signer(	
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their which the person(s) acted, executed the instrument.	s'are subscribed to the within instrument and acknowledged to me that
BYLING KANG COMM #2086687	the State/Commonwealth of <u>Gal. freelin</u> that the foregoing paragraph is true and correct.
HOTINTY PUBLIC CALIFORNIA SI SAN DIREGO COUNTY	WITNESS my band and official seal.
My Constitution Expired APPRIL 25, 2011	Signature of Notice Tublic
Place Notary Seal Above	
RECEIVED AND AGREED TO BY ASSIGNEE: Lighthouse & Beacon, Inc.	
Date: 03/13/14 Michaelyn ANDREWS	
A MINIMARY SCIENCE AND	