

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3653915

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BYTELIGHT, INC.	04/15/2015
RECEIVING PARTY DATA	
Name:	ABL IP HOLDING LLC
Street Address:	1170 PEACHTREE STREET, NE
Internal Address:	SUITE 2400
City:	ATLANTA
State/Country:	GEORGIA
Postal Code:	30309
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14957146
CORRESPONDENCE DATA	
Fax Number:	(610)407-0701
<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>	
Phone:	2027152898
Email:	jallen@ratnerprestia.com
Correspondent Name:	RATNERPRESTIA
Address Line 1:	1090 VERMONT AVENUE NW
Address Line 2:	SUITE 1200
Address Line 4:	WASHINGTON, D.C. 20005
ATTORNEY DOCKET NUMBER:	VLC-134US3
NAME OF SUBMITTER:	KEITH E. GEORGE
SIGNATURE:	/Keith E. George/
DATE SIGNED:	12/11/2015
Total Attachments: 15 source=assgmt#page1.tif source=assgmt#page2.tif source=assgmt#page3.tif source=assgmt#page4.tif	

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DEED OF ASSIGNMENT WITH GOODWILL

THIS ASSIGNMENT is made as of the 15th day of April, 2015, between BYTELIGHT, INC., a corporation duly organized and existing under the laws of the State of Delaware, with its principal place of business at 374 Congress St., # S-306, Boston, Massachusetts 02210-1807 ("Assignor") and ABL IP HOLDING LLC, a limited liability company duly organized and existing under the laws of the State of Georgia, with its principal place of business at 1170 Peachtree Street, NE, Suite 2400, Atlanta, Georgia 30309 ("Assignee").

WHEREAS, Assignor is the owner of the trademarks listed in Schedule A attached hereto (the "Trademarks"); and

WHEREAS, Assignee wishes to acquire all of Assignor's rights in and to the Trademarks and the good will associated therewith;

NOW, THEREFORE, in consideration of ten dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby assigns, transfers, and conveys to Assignee all rights, title, and interest in and to the Trademarks together with the good will of the business symbolized by the Trademarks, and with the right to recover damages and profits and all other remedies for past infringements thereof.

Signed, sealed, and delivered before me
this 15th day of April, 2015.

Notary Public

ASSIGNOR:

BYTELIGHT, INC.

By: Daniel Ryan

Daniel Ryan
Chief Executive Officer

Signed, sealed, and delivered before me
this _____ day of April, 2015.

Notary Public

ASSIGNEE:

ABL IP HOLDING LLC

By: _____

Richard K. Reece
Executive Vice President and
Chief Financial Officer

PATENT

REEL: 037268 FRAME: 0400

DEED OF ASSIGNMENT WITH GOODWILL

THIS ASSIGNMENT is made as of the 15th day of April, 2015, between **BYTELIGHT, INC.**, a corporation duly organized and existing under the laws of the State of Delaware, with its principal place of business at 374 Congress St., # S-306, Boston, Massachusetts 02210-1807 ("Assignor") and **ABL IP HOLDING LLC**, a limited liability company duly organized and existing under the laws of the State of Georgia, with its principal place of business at 1170 Peachtree Street, NE, Suite 2400, Atlanta, Georgia 30309 ("Assignee").

WHEREAS, Assignor is the owner of the trademarks listed in Schedule A attached hereto (the "Trademarks"); and

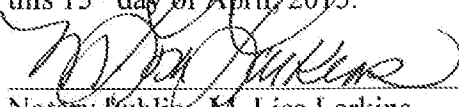
WHEREAS, Assignee wishes to acquire all of Assignor's rights in and to the Trademarks and the good will associated therewith;

NOW, THEREFORE, in consideration of ten dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby assigns, transfers, and conveys to Assignee all rights, title, and interest in and to the Trademarks together with the good will of the business symbolized by the Trademarks, and with the right to recover damages and profits and all other remedies for past infringements thereof.

Signed, sealed, and delivered before me
this 15th day of April, 2015.

Notary Public

Signed, sealed, and delivered before me
this 15th day of April, 2015.



Notary Public: M. Lisa Larkins

My Commission Expires: December 2, 2016

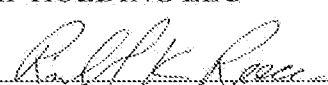
ASSIGNOR:

BYTELIGHT, INC.

By: _____
Daniel Ryan
Chief Executive Officer

ASSIGNEE:

ABL IP HOLDING LLC

By:  _____
Richard K. Reece
Executive Vice President and
Chief Financial Officer

SCHEDULE A

Mark
BYTELIGHT

Filing Date
April 17, 2012

Reg. No.
85600075

ASSIGNMENT

WHEREAS, BYTELIGHT, INC., a Delaware corporation having its principal place of business at 374 Congress St., # S-306, Boston, Massachusetts 02210-1807 ("Assignor"), owns certain inventions and improvements disclosed in the Letters Patent and Patent Applications listed on Schedule A hereto (collectively, the "Patents and Patent Applications"); and

WHEREAS, ABL IP HOLDING LLC, a Georgia limited liability company having its principal place of business at 1170 Peachtree Street, NE, Suite 2400, Atlanta, Georgia 30309 (hereinafter, "Assignee"), is desirous of acquiring an interest in the Patents and Patent Applications;

NOW, THEREFORE, for and in consideration of Five Dollars (\$5.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee, the full, exclusive and entire right, title, and interest in and to said Patents and Patent Applications, including any and all divisions, continuations, continuations in part, reexaminations and reissues thereof, and in and to all inventions and improvements disclosed and described in said Patents and Patent Applications, preparatory to obtaining Letters Patent therefor; and Assignor hereby requests the United States Commissioner of Patents and Trademarks to issue any and all Letters Patent resulting from said Patents and Patent Applications, or from any divisional, continuation, continuation in part, reexamination or reissue thereof, to ABL IP Holding LLC, as the assignee, for its interest and for the sole use and benefit of ABL IP Holding LLC, and its assigns and legal representatives;

For the same consideration, Assignor, by these presents does sell, assign, and transfer to ABL IP Holding LLC, the full, exclusive, and entire right, title and interest in and to any and all foreign Letters Patent or applications corresponding to any of said Patents and Patent Applications, including any divisional, continuation, continuation in part, reexamination or reissue thereof, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of ABL IP Holding LLC, or its designee insofar as permitted by applicable law;

AND, for the same consideration, Assignor agrees to sign all lawful papers, and to execute all divisional, continuing, continuation in part, reissue and other applications, make all assignments and rightful oaths, and generally do everything reasonably requested by ABL IP Holding LLC, its successors, assigns, and nominees, to aid the same to obtain and enforce proper protection, including the right to sue for patent infringement, for all said inventions and improvements in all countries throughout the world.

[Signature Page to Follow]

IN WITNESS WHEREOF, the undersigned have caused this Assignment to be executed by their duly authorized officers this 15th day of April, 2015.

ASSIGNOR:

BYTELIGHT, INC.

By: 
Daniel Ryan
Chief Executive Officer

ASSIGNEE:

ABL IP HOLDING LLC

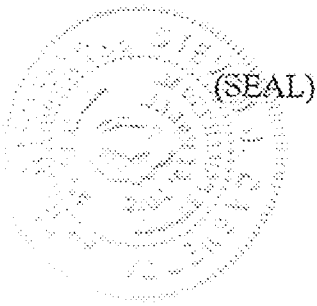
By: _____
Richard K. Reece
Executive Vice President &
Chief Financial Officer

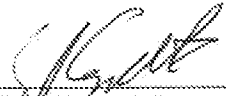
CERTIFICATE OF ACKNOWLEDGEMENT

COMMONWEALTH OF MASSACHUSETTS

COUNTY OF SUFFOLK

Before me, the undersigned attesting officer duly authorized to administer oaths, a Notary Public, on this 15th day of April, 2015, personally appeared Daniel Ryan, to me known personally, and who, being by me duly sworn, deposes and says that he is the Chief Executive Officer of ByteLight, Inc., and that said instrument was signed on behalf of said company by authority of its Board of Directors, and said Officer acknowledged said instrument to be the free act and deed of said company.




NOTARY PUBLIC

My Commission Expires: 3/18/20

IN WITNESS WHEREOF, the undersigned have caused this Assignment to be executed by their duly authorized officers this 15th day of April, 2015.

ASSIGNOR:

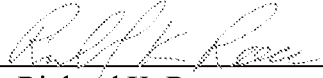
BYTELIGHT, INC.

By: _____

Daniel Ryan
Chief Executive Officer

ASSIGNEE:

ABL IP HOLDING LLC

By:  _____

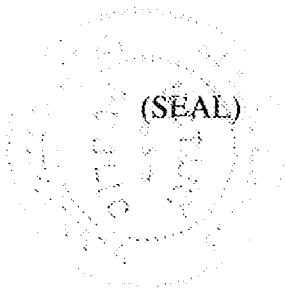
Richard K. Reece
Executive Vice President &
Chief Financial Officer

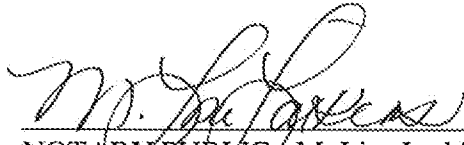
CERTIFICATE OF ACKNOWLEDGEMENT

STATE OF GEORGIA

COUNTY OF HENRY

Before me, the undersigned attesting officer duly authorized to administer oaths, a Notary Public, on this 15th day of April, 2015, personally appeared Richard K. Reece, to me known personally, and who, being by me duly sworn, deposes and says that he is the Executive Vice President and Chief Financial Officer of ABL IP Holding LLC, and that said instrument was signed on behalf of said company by authority of its Board of Managers, and said Officer acknowledged said instrument to be the free act and deed of said company.




NOTARY PUBLIC M. Lisa Larkins

My Commission Expires: December 2, 2016

SCHEDULE A

Patents and Patent Applications

DOCKET NUMBER	COUNTRY NAME	MATTER TYPE	APPL. #	FILING DATE	PUB. #	PUB. DATE	TITLE	PATENT #	PATENT DATE	STATUS	UPCOMING DEADLINE
BYT- 120CA/7318598 001	Canada	Utility NSPCT	- 2,842,826	Jul 25, 2012			SELF IDENTIFYING MODULATED LIGHT SOURCE			Pending	
BYT- 120EP/7318598 002	European Patent Office	Utility NSPCT	- 12817835.7	Jul 25, 2012	2737779	Jun 4, 2014	SELF IDENTIFYING MODULATED LIGHT SOURCE			Pending	
BYT-120PC	PCT	Utility ORG	- US12/48164	Jul 25, 2012			SELF IDENTIFYING MODULATED LIGHT SOURCE			Expired	
BYT-120PR	United States of America	Prov ORG	- 61/567,484	Dec 6, 2011			SYSTEMS AND METHODS FOR LIGHT BASED LOCATION			Expired	
BYT-120PR2	United States of America	Prov ORG	- 61/511,589	Jul 26, 2011			SYSTEM USING OPTICAL ENERGY FOR WIRELESS DATA TRANSFER			Expired	
BYT- 120TW/731859 8003	Taiwan R.O.C.	Utility ORG	- 101127069	Jul 26, 2012			SYSTEMS AND METHODS FOR LIGHT BASED LOCATION			Pending	
BYT- 122/7318602001	United States of America	Utility ORG	- 13/369,144	Feb 8, 2012	2013- 0141554	Jun 6, 2013	INDEPENDENT BEACON BASED LIGHT POSITION SYSTEM			Published	Response to Office Action due 03/30/2015 (+ two- month extension)
BYT- 123/7318612001	United States of America	Utility ORG	- 13/369,147	Feb 8, 2012	2013- 0141555	Jun 6, 2013	CONTENT DELIVERY BASED ON A LIGHT POSITIONING SYSTEM	8964016	2/24/15	Issued	

DOCKET NUMBER	COUNTRY NAME	MATTER TYPE	APPL. #	FILING DATE	PUB. #	PUB. DATE	TITLE	PATENT #	PATENT DATE	STATUS	UPCOMING DEADLINE
BYT- 123C1/7318613 001	United States of America	Utility CON	14/464,324	Aug 20, 2014			CONTENT DELIVERY BASED ON A LIGHT POSITIONING SYSTEM			Allowed	Issue fee due 05/04/2015
BYT- 123C2/7318613 002	United States of America	Utility CON	14/464,327	Aug 20, 2014			CONTENT DELIVERY BASED ON A LIGHT POSITIONING SYSTEM	8957951	2/17/15	Issued	
BYT- 123C3/7318613 003	United States of America	Utility CON	14/464,328	Aug 20, 2014			CONTENT DELIVERY BASED ON A LIGHT POSITIONING SYSTEM			Allowed	
BYT-124/ 124C1/7318623 001	United States of America	Utility CON	13/422,580	Mar 16, 2012			LIGHT POSITIONING SYSTEM USING DIGITAL PULSE RECOGNITION	8248467	8/21/12	Issued	Issue fee due 05/09/2015
BYT- 124C1/7318623 001	United States of America	Utility CON	13/591,014	Aug 21, 2012	2013- 0028475	Jan 31, 2013	LIGHT POSITIONING SYSTEM USING DIGITAL PULSE RECOGNITION	8994814	3/31/15	Issued	
BYT- 125/7318633001	United States of America	Utility CON	13/422,591	Mar 16, 2012	2013- 0026940	Jan 31, 2013	SELF IDENTIFYING MODULATED LIGHT SOURCE	8,866,391	10/21/14	Issued	
BYT-125C1	United States of America	Utility CON	14/490,207	Sep 18, 2014			SELF IDENTIFYING MODULATED LIGHT SOURCE			Pending	
BYT- 126/7318643001	United States of America	Utility CON	13/435,448	Mar 30, 2012	2013-47	Jan 31, 2013	A METHOD AND SYSTEM FOR CALIBRATING A LIGHT BASED POSITIONING SYSTEM			Abandoned	
BYT- 127/7318653001	United States of America	Utility CON	13/445,019	Apr 12, 2012	2013-41	Jan 31, 2013	SINGLE WAVELENGTH LIGHT SOURCE FOR USE IN LIGHT BASED POSITIONING			Abandoned	

DOCKET NUMBER	COUNTRY NAME	MATTER TYPE	APPL. #	FILING DATE	PUB. #	PUB. DATE	TITLE	PATENT #	PATENT DATE	STATUS	UPCOMING DEADLINE
<u>BYT-128/7318663001</u>	United States of America	Utility - CON	13/446,506	Apr 13, 2012	2013-0026224	Jan 31, 2013	METHOD AND SYSTEM FOR DETERMINING THE POSITION OF A DEVICE IN A LIGHT BASED POSITIONING SYSTEM USING LOCALLY STORED MAPS	8994799	3/31/15	Issued	
<u>BYT-129/7318673001</u>	United States of America	Utility - CON	13/446,520	Apr 13, 2012	2013-0029682	Jan 31, 2013	METHOD AND SYSTEM FOR TRACKING AND ANALYZING DATA OBTAINED USING A LIGHT BASED POSITIONING SYSTEM	8947513	2/3/15	Issued	
<u>BYT-130/</u>	United States of America	Utility - CIP	13/526,773	Jun 19, 2012	2013-0027576	Jan 31, 2013	METHOD AND SYSTEM FOR DIGITAL PULSE RECOGNITION DEMODULATION	8416290	4/9/13	Issued	
<u>BYT-130PR/</u>	United States of America	Prov - ORG	61/635,413	Apr 19, 2012			DIGITAL PULSE RECOGNITION DEMODULATION TECHNIQUES FOR LIGHT BASED POSITIONING			Expired	
<u>BYT-131/</u>	United States of America	Utility - CIP	13/526,779	Jun 19, 2012	2013-0028609	Jan 31, 2013	METHOD AND SYSTEM FOR DEMODULATING A DIGITAL PULSE RECOGNITION SIGNAL IN A LIGHT BASED POSITIONING SYSTEM USING A FOURIER TRANSFORM	8436896	5/7/13	Issued	

DOCKET NUMBER	COUNTRY NAME	MATTER TYPE	APPL.#	FILING DATE	PUB.#	PUB. DATE	TITLE	PATENT #	PATENT DATE	STATUS	UPCOMING DEADLINE
<u>BYT-131PR/ 132/7318684001</u>	United States of America	Prov ORG	- 61/639,428	Apr 27, 2012			METHOD MEASURING MODULATION FREQUENCY OF A LIGHT SOURCE			Expired	
<u>BYT-132/7318684001</u>	United States of America	Utility CIP	- 13/526,781	Jun 19, 2012	2013- 0026945	Jan 31, 2013	METHOD AND SYSTEM FOR MODIFYING A BEACON LIGHT SOURCE FOR USE IN A LIGHT BASED POSITIONING SYSTEM			Published	Response to Final Office Action due 04/05/2015 (+ two- month extension)
<u>BYT-133/ 134C1/7318693</u>	United States of America	Utility CIP	- 13/526,788	Jun 19, 2012			METHOD AND SYSTEM FOR MODULATING A BEACON LIGHT SOURCE IN A LIGHT BASED POSITIONING SYSTEM	8457502	6/4/13	Issued	
<u>BYT-134/ 134C1/7318693</u>	United States of America	Utility CIP	- 13/526,656	Jun 19, 2012			METHOD AND SYSTEM FOR CONFIGURING AN IMAGING DEVICE FOR THE RECEPTION OF DIGITAL PULSE RECOGNITION INFORMATION	8334898	12/18/12	Issued	
<u>BYT-134C1/7318693 001</u>	United States of America	Utility CON	- 13/718,233	Dec 18, 2012	2013- 0208132	Aug 15, 2013	METHOD AND SYSTEM FOR CONFIGURING AN IMAGING DEVICE FOR THE RECEPTION OF DIGITAL PULSE RECOGNITION INFORMATION			Published	

DOCKET NUMBER	COUNTRY NAME	MATTER TYPE	APPL. #	FILING DATE	PUB. #	PUB. DATE	TITLE	PATENT #	PATENT DATE	STATUS	UPCOMING DEADLINE
BYT- 134C2/7318693 002	United States of America	Utility CON	- 14/163,772	Jan 24, 2014	2014- 0139744	May 22, 2014	METHOD AND SYSTEM FOR VIDEO PROCESSING TO REMOVE NOISE FROM A DIGITAL VIDEO SEQUENCE CONTAINING A MODULATED LIGHT SIGNAL			Published	
BYT-135/	United States of America	Utility CIP	- 13/526,808	Jun 19, 2012			METHOD AND SYSTEM FOR MODULATING A LIGHT SOURCE IN A LIGHT BASED POSITIONING SYSTEM USING A DC BIAS	8334901	12/18/12	Issued	
BYT-136/	United States of America	Utility CIP	- 13/526,812	Jun 19, 2012			DEVICE FOR DIMMING A BEACON LIGHT SOURCE USED IN A LIGHT BASED POSITIONING SYSTEM	8432438	4/30/13	Issued	
BYT-137/	United States of America	Utility CIP	- 13/526,814	Jun 19, 2012			METHOD AND SYSTEM FOR VIDEO PROCESSING TO DETERMINE DIGITAL PULSE RECOGNITION TONES	8520065	8/27/13	Issued	
BYT- 139/7318704001	United States of America	Utility CIP	- 14/019,376	Sep 5, 2013	2014- 0045549	Feb 13, 2014	CONFIGURATION AND MANAGEMENT OF LIGHT POSITIONING SYSTEM USING DIGITAL PULSE RECOGNITION			Published	

DOCKET NUMBER	COUNTRY NAME	MATTER TYPE	APPL.#	FILING DATE	PUB.#	PUB. DATE	TITLE	PATENT #	PATENT DATE	STATUS	UPCOMING DEADLINE
BYT-139PR/ BYT-139PR/	United States of America	Prov of ORG	- 61/697,098	Sep 5, 2012			CONFIGURATION AND MANAGEMENT OF LIGHT POSITIONING SYSTEM USING DIGITAL PULSE RECOGNITION			Expired	
BYT- 141/7318714001	United States of America	Utility of CIP	- 14/058,678	Oct 21, 2013	2014- 0086590	Mar 27, 2014	SELF-IDENTIFYING ONE-WAY AUTHENTICATION METHOD USING OPTICAL SIGNALS			Published	
BYT- 141PC/7318716 001	PCT	Utility ORG	- US13/65923	Oct 21, 2013	WO 2014/063 150	Jul 3, 2014	SELF-IDENTIFYING ONE-WAY AUTHENTICATION METHOD USING OPTICAL SIGNALS			Published	National-Phase filing deadline is 04/19/2015
BYT-141PR/ BYT-141PR/	United States of America	Prov of ORG	- 61/715,950	Oct 19, 2012			SELF-IDENTIFYING ONE-WAY AUTHENTICATION METHOD USING OPTICAL SIGNALS			Expired	
BYT- 142/7318722901	United States of America	Utility of ORG	- 14/210,832	Mar 14, 2014	2014- 0280316	Sep 18, 2014	LOCATION-BASED MOBILE SERVICES AND APPLICATIONS			Published	
BYT-142PR/ BYT-142PR/	United States of America	Prov of ORG	- 61/788,307	Mar 15, 2013			LOCATION-BASED MOBILE SERVICES AND APPLICATIONS			Expired	
BYT- 143/7318732901	United States of America	Utility of NPREG	- 14/297,254	Jun 5, 2014			METHOD AND SYSTEM FOR OPTICAL COMMUNICATION			Pending	
BYT- 143PR/7318731 001	United States of America	Prov of ORG	- 61/831,380	Jun 5, 2013			METHOD AND SYSTEM FOR OPTICAL COMMUNICATION IN THE PRESENCE OF OPTICAL SCANNERS			Expired	

DOCKET NUMBER	COUNTRY NAME	MATTER TYPE	APPL.#	FILING DATE	PUB.#	PUB. DATE	TITLE	PATENT #	PATENT DATE	STATUS	UPCOMING DEADLINE
<u>BYT-145PR/7318741</u> <u>001</u>	United States of America	Prov ORG	- 61/908,460	Nov 25, 2013			RF RADIO ENABLED POSITION DETECTION LIGHT			Expired	
<u>BYT-145PR2</u>	United States of America	Prov ORG	- 62/052,207	Sep 18, 2014			SYSTEM AND METHOD FOR COMMUNICATION WITH A MOBILE DEVICE VIA A POSITIONING SYSTEM INCLUDING RF COMMUNICATION DEVICES AND MODULATED BEACON LIGHT SOURCES			Pending	
<u>BYT-145</u>	United States of America	Utility NPREG	- 14/553,424	Nov 25, 2014			SYSTEM AND METHOD FOR COMMUNICATION WITH A MOBILE DEVICE VIA A POSITIONING SYSTEM INCLUDING RF COMMUNICATION DEVICES AND MODULATED BEACON LIGHT SOURCES			Pending	
<u>BYT-145PC</u>	PCT	Utility ORG	- US14/67390	Nov 25, 2014			SELF-IDENTIFYING ONE-WAY AUTHENTICATION METHOD USING OPTICAL SIGNALS			Pending	National-Phase filing deadline is 05/25/2016

PATENT

REEL: 037268 FRAME: 0414

RECORDED: 12/11/2015