

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

|                           |  |
|---------------------------|--|
| SUBMISSION TYPE:          | NEW ASSIGNMENT                             |
| NATURE OF CONVEYANCE:     | SECURITY AGREEMENT                         |
| CONVEYING PARTY DATA      |  |
| Name                      | Execution Date                             |
| RELUME TECHNOLOGIES, INC. | 10/04/2012                                 |
| RECEIVING PARTY DATA      |  |
| Name:                     | MICHIGAN GROWTH CAPITAL PARTNERS, L.P.     |
| Street Address:           | 32330 W. 12 Mile Road                      |
| Internal Address:         | c/o Beringea Invest Michigan, LLC          |
| City:                     | Farmington Hills                           |
| State/Country:            | MICHIGAN                                   |
| Postal Code:              | 48334                                      |
| Name:                     | PLYMOUTH VENTURE PARTNERS II               |
| Street Address:           | 717 E. Huron Street                        |
| Internal Address:         | Suite 2E                                   |
| City:                     | Ann Arbor                                  |
| State/Country:            | MICHIGAN                                   |
| Postal Code:              | 48104                                      |
| Name:                     | DR. CHESTER SEMEL                          |
| Street Address:           | 3920 Wilshire Blvd.                        |
| Internal Address:         | Suite 418                                  |
| City:                     | Beverly Hills                              |
| State/Country:            | CALIFORNIA                                 |
| Postal Code:              | 90211                                      |
| Name:                     | THE RICHARD C. WARD REVOCABLE LIVING TRUST |
| Street Address:           | 1795 N. Lapeer Road                        |
| Internal Address:         | c/o Richard C. Ward                        |
| City:                     | Oxford                                     |
| State/Country:            | MICHIGAN                                   |

OP \$960.00 5568136

Postal Code: 48371

PROPERTY NUMBERS Total: 24

| Property Type       | Number   |
|---------------------|----------|
| Patent Number:      | 5568136  |
| Patent Number:      | 5633629  |
| Patent Number:      | 5782555  |
| Patent Number:      | 5784006  |
| Patent Number:      | 5783909  |
| Patent Number:      | 5857767  |
| Patent Number:      | 5785418  |
| Patent Number:      | 6045240  |
| Patent Number:      | 6078148  |
| Patent Number:      | 6582100  |
| Patent Number:      | 6428189  |
| Patent Number:      | 6517218  |
| Application Number: | 11592586 |
| Patent Number:      | 8256113  |
| Application Number: | 12516290 |
| Patent Number:      | 8109660  |
| Application Number: | 12996536 |
| Application Number: | 12996547 |
| Application Number: | 12996560 |
| Application Number: | 12219632 |
| Application Number: | 13145584 |
| Application Number: | 13322592 |
| Application Number: | 13389497 |
| Application Number: | 13057531 |

CORRESPONDENCE DATA

Fax Number: 4122810717

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 412-454-5000

Email: burtnerj@pepperlaw.com

Correspondent Name: Pepper Hamilton LLP

Address Line 1: 500 Grant Street

Address Line 2: 50th Floor

**PATENT**  
**REEL: 029093 FRAME: 0364**

Address Line 4: Pittsburgh, PENNSYLVANIA 15219

ATTORNEY DOCKET NUMBER:

132743.8

NAME OF SUBMITTER:

Jody L. Burtner, Senior Paralegal

**Total Attachments: 22**

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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement (this "*Agreement*") is made as of October 4, 2012, by RELUME TECHNOLOGIES, INC., a Delaware corporation ("*Grantor*"), in favor of the individuals and entities set forth on the Schedule of Secured Parties attached hereto, as amended and updated from time to time (each a "*Lender*" and, collectively, the "*Lenders*"). Each Lender is a holder of a 2012 Senior Subordinated Secured Convertible Promissory Note issued from time to time by Grantor to the Lenders pursuant to that certain Senior Subordinated Convertible Note Purchase Agreement of even date herewith among Grantor and each of the Lenders (the "*2012 Senior Secured Notes*").

RECITALS

A. Pursuant to that certain Senior Subordinated Convertible Note Purchase Agreement of even date herewith between Grantor, as borrower, and Lenders, as lenders (as amended, restated, supplemented or otherwise modified from time to time, the "*Note Purchase Agreement*"), Lenders agreed to make certain advances of money and to extend certain financial accommodations to Grantor in the amounts and manner set forth in the Note Purchase Agreement and as evidenced by the 2012 Senior Secured Notes issued pursuant to the Note Purchase Agreement.

B. Grantor is indebted to Venture Lending & Leasing VI, Inc. (the "*Senior Lender*") pursuant to a certain Loan and Security Agreement dated as of August 12, 2011, between Borrower and the Senior Lender.

C. Grantor wishes to provide security for the indebtedness to the Lenders that is subordinated to the security interest of the Senior Lender in the Collateral (as defined below). To that end, Grantor has executed in favor of the Lenders that certain Subordinated Security Agreement of even date herewith (the "*Security Agreement*") granting a security interest in all Collateral (as defined therein), and is executing this Agreement with respect to certain items of intellectual property.

D. The Lenders wish to authorize the Agent (as defined in the Security Agreement) to act as agent for the Lenders pursuant to and in accordance with this Agreement.

E. Capitalized terms used herein and not otherwise defined have the meaning ascribed in the Security Agreement.

NOW, THEREFORE, THE PARTIES HERETO AGREE AS FOLLOWS:

1. Grant of Security Interest. As collateral security for the prompt and complete payment and performance of all of Grantor's present or future Indebtedness, Grantor hereby grants a security interest and mortgage to Lenders, as security, in and to Grantor's entire right, title and interest in, to and under the following intellectual property (the "*Intellectual Property*"),

*Execution Version*

now owned or hereafter acquired by Grantor or in which Grantor now holds or hereafter acquires any interest (all of which shall collectively be called the "*Collateral*" for purposes of this Agreement):

(a) Any and all copyrights, whether registered or unregistered, held pursuant to the laws of the United States, any State thereof or of any other country; all registrations, applications and recordings in the United States Copyright Office or in any similar office or agency of the United States, and State thereof or any other country; all continuations, renewals, or extensions thereof; and any registrations to be issued under any pending applications (collectively, the "*Copyrights*");

(b) All letters patent of, or rights corresponding thereto in, the United States or any other country, all registrations and recordings thereof, and all applications for letters patent of, or rights corresponding thereto in, the United States or any other country, including, without limitation, registrations, recordings and applications in the United States Patent and Trademark Office or in any similar office or agency of the United States, any State thereof or any other country; all reissues, continuations, continuations-in-part or extensions thereof; all petty patents, divisionals, and patents of addition; and all patents to be issued under any such applications, including without limitation the patents and patent applications set forth on Exhibit A attached hereto (collectively, the "*Patents*");

(c) All trademarks, trade names, corporate names, business names, trade styles, service marks, logos, other source or business identifiers, prints and labels on which any of the foregoing have appeared or appear, designs and general intangibles of like nature, now existing or hereafter adopted or acquired, all registrations and recordings thereof, and any applications in connection therewith, including, without limitation, registrations, recordings and applications in the United States Patent and Trademark Office or in any similar office or agency of the United States, any State thereof or any other country or any political subdivision thereof, and reissues, extensions or renewals thereof, and the entire goodwill of the business of Grantor connected with and symbolized by such trademarks, including without limitation those set forth on Exhibit B attached hereto (collectively, the "*Trademarks*");

(d) Any and all claims for damages by way of past, present and future infringement of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above; provided, however, that each of such claims and rights may be asserted and/or exercised by Grantor without the need to receive the Agent's or any Lender's consent;

(e) All licenses or other rights to use any of the Copyrights, Patents or Trademarks, and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(f) All amendments, renewals and extensions of any of the Copyrights, Trademarks or Patents; and

(g) All proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

Notwithstanding the foregoing the term "*Collateral*" shall not include: (a) "intent-to-use" trademarks at all times prior to the first use thereof, whether by the actual use thereof in commerce, the recording of a statement of use with the United States Patent and Trademark Office or otherwise, but only to the extent the granting of a security interest in such "intent to use" trademarks would be contrary to applicable law or (b) any contract, instrument or chattel paper in which Grantor has any right, title or interest if and to the extent such contract, instrument or chattel paper includes a provision containing a restriction on assignment such that the creation of a security interest in the right, title or interest of Grantor therein would be prohibited and would, in and of itself, cause or result in a default thereunder enabling another person party to such contract, instrument or chattel paper to enforce any remedy with respect thereto; provided, however, that the foregoing exclusion shall not apply if (i) such prohibition has been waived or such other person has otherwise consented to the creation hereunder of a security interest in such contract, instrument or chattel paper, or (ii) such prohibition would be rendered ineffective pursuant to Sections 9-407(a) or 9-408(a) of the UCC, as applicable and as then in effect in any relevant jurisdiction, or any other applicable law (including the Federal Bankruptcy Reform Act of 1978 (11 U.S.C. §101, et seq.), as amended, or principles of equity); provided further that immediately upon the ineffectiveness, lapse or termination of any such provision, the term "*Collateral*" shall include, and Grantor shall be deemed to have granted a security interest in, all its rights, title and interests in and to such contract, instrument or chattel paper as if such provision had never been in effect; and provided further that the foregoing exclusion shall in no way be construed so as to limit, impair or otherwise affect the Lenders' unconditional continuing security interest in and to all rights, title and interests of Grantor in or to any payment obligations or other rights to receive monies due or to become due under any such contract, instrument or chattel paper and in any such monies and other proceeds of such contract, instrument or chattel paper.

Notwithstanding anything to the contrary in this Agreement, the security interest granted in this Agreement and all representations and covenants of Grantor made or given by Grantor in this Agreement and all rights of the Lenders in this Agreement are expressly subordinate to the perfected security interest granted by Grantor to Senior Lender. Except as otherwise permitted by Senior Lender in writing, Agent shall not seek to sell or otherwise foreclose upon the *Collateral* in respect of any Event of Default or otherwise unless and until all indebtedness and liabilities of Grantor to Senior Lender have been paid in full, whether directly by Grantor or through sales of *Collateral* by Senior Lender.

2. Covenants and Warranties. Grantor represents, warrants, covenants and agrees as follows:

(a) Grantor has rights (as defined in the UCC) in the *Collateral*;

*Execution Version*

(b) During the term of this Agreement, Grantor will not transfer or otherwise encumber any interest in the Collateral, except for non-exclusive licenses granted by Grantor in the ordinary course of business or as otherwise permitted by the Agent;

(c) To its knowledge, each of the Patents is valid and enforceable, and no part of the Collateral has been judged invalid or unenforceable, in whole or in part, and no claim has been made that any part of the Collateral violates the rights of any third party;

(d) Grantor shall deliver to the Agent within thirty (30) days of the last day of each fiscal quarter, a report signed by Grantor, in form reasonably acceptable to the Agent, listing (i) any applications or registrations that Grantor has made or filed in respect of any patents, copyrights or trademarks, (ii) the status of any outstanding applications or registrations and (iii) any material change in the composition of the Collateral;

(e) Grantor shall use reasonable commercial efforts to (i) protect, defend and maintain the validity and enforceability of the Trademarks, Patents and Copyrights (ii) detect infringements of the Trademarks, Patents and Copyrights and promptly advise the Agent in writing of material infringements detected and (iii) not allow any material Trademarks, Patents or Copyrights to be abandoned, forfeited or dedicated to the public unless Grantor deems it to be in the best interest of Grantor's business;

(f) Grantor shall apply for registration (to the extent not already registered) with the United States Patent and Trademark Office: (i) those intellectual property rights listed on Exhibits A and B hereto within thirty (30) days of the date of this Agreement; and (ii) those additional intellectual property rights developed or acquired by Grantor from time to time in connection with any product or service, prior to the sale or licensing of such product or the rendering of such service to any third party (including without limitation revisions or additions to the intellectual property rights listed on such Exhibits A and B), except, in each case, with respect to such rights that Grantor determines in its sole but reasonable commercial judgment need not be registered to protect its own business interests. Grantor shall, from time to time, execute and file such other instruments, and take such further actions as the Agent may reasonably request from time to time to perfect or continue the perfection of the Lenders' interest in the Collateral. Grantor shall give the Agent notice of all such applications or registrations; and

(g) Grantor shall not enter into any agreement that would materially impair or conflict with Grantor's obligations hereunder without the Agent's prior written consent, which consent shall not be unreasonably withheld, conditioned or delayed. Grantor shall not permit the inclusion in any material contract to which it becomes a party of any provisions that could or might in any way prevent the creation of a security interest in Grantor's rights and interests in any property included within the definition of the Collateral acquired under such contracts, except for provisions in such material contracts as are referenced in the last paragraph of Section 1 of this Agreement.

3. Further Assurances: Attorney in Fact.

(a) On a continuing basis, Grantor will make, execute, acknowledge and deliver, and file and record in the proper filing and recording places in the United States, all such instruments, including appropriate financing and continuation statements and collateral agreements and filings with the United States Patent and Trademark Office and the Register of Copyrights, and take all such action as may reasonably be deemed necessary or advisable, or as reasonably requested by the Agent, to perfect the Lenders' security interest in all Copyrights, Patents and Trademarks and otherwise to carry out the intent and purposes of this Agreement, or for assuring and confirming to the Lenders the grant or perfection of a security interest in all Collateral.

(b) Grantor hereby irrevocably appoints the Agent as Grantor's attorney-in-fact, with full authority in the place and stead of Grantor and in the name of Grantor, from time to time in the Agent's discretion, to take any action and to execute any instrument which the Agent may deem necessary or advisable to accomplish the purposes of this Agreement, including (i) to modify, in its sole discretion, Exhibits A and B, hereof, as appropriate, without first obtaining Grantor's approval of or signature to such modification, to include reference to any right, title or interest in any Copyrights, Patents or Trademarks acquired by Grantor after the execution hereof or to delete any reference to any right, title or interest in any Copyrights, Patents or Trademarks in which Grantor no longer has or claims any right, title or interest, (ii) to file, in its sole discretion, one or more financing or continuation statements and amendments thereto, relative to any of the Collateral without the signature of Grantor where permitted by law, and (iii) subject to the terms of the Security Agreement, after the occurrence and during the continuance of an Event of Default, to transfer the Collateral into the name of the Agent or a third party to the extent permitted under the Delaware Uniform Commercial Code.

4. Events of Default. The occurrence of any of the following shall constitute an Event of Default under this Agreement:

(a) An Event of Default under the Security Agreement; or

(b) Grantor breaches any warranty or agreement made by Grantor in this Agreement and, as to any breach that is capable of cure, Grantor fails to cure such breach within thirty (30) days of the sooner to occur of Grantor's receipt of notice of such breach from the Agent or the date on which such breach first becomes known to Grantor.

5. Amendments. This Agreement may be amended only by a written instrument signed by the parties hereto, except for amendments permitted under Section 3 hereof to be made by Agent alone.

6. Counterparts. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original but all of which together shall constitute the same instrument.



7. Governing Law. This Agreement shall be construed according to the laws of the State of Delaware without references to its principles of conflicts of law that would require the application of the law of another jurisdiction.

*[Signature Pages Follow]*

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day and year first above written.

GRANTOR:

Address of Grantor:

1795 N. Lapeer Road  
Oxford, Michigan 48371  
Attn: Chief Executive Officer

RELUME TECHNOLOGIES, INC.

By: 

Name: Crawford Lipsey

Its: Chief Executive Officer

AGENT:

Address of Agent:

32330 W. 12 Mile Road  
Farmington Hills, Michigan 48334  
Attn: Jeff Bocan

BERINGEA INVEST MICHIGAN, LLC

By: \_\_\_\_\_

Name: Charles Rothstein

Its: Manager

*[Signature pages of Lenders follows]*

From:

10/04/2012 13:40

#060 P.006/009

Oct. 4. 2012 12:53PM

No. 1152 P. 6/9

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day and year first above written.

**GRANTOR:**

Address of Grantor:

**RELUME TECHNOLOGIES, INC.**

1795 N. Lapeer Road  
Oxford, Michigan 48371  
Attn: Chief Executive Officer

By: \_\_\_\_\_

Name: Crawford Lipsey

Its: Chief Executive Officer

**AGENT:**

Address of Agent:

**BERINGEA INVEST MICHIGAN, LLC**

32330 W. 12 Mile Road  
Farmington Hills, Michigan 48334  
Attn: Jeff Bocan

By:  \_\_\_\_\_

Name: Charles Rothstein

Its: Manager

*[Signature pages of Lenders follows]*

810766138 v2

From:

10/04/2012 13:40

#060 P.007/009

Oct. 4. 2012 12:53PM

No. 1152 P. 7/9

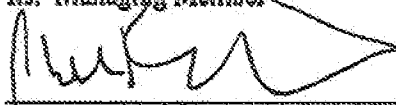
IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day and year first above written.

**MICHIGAN GROWTH CAPITAL PARTNERS, L.P.**

By: Michigan Growth Capital Partners GP, LLC  
Its General Partner

By: Beringea Invest Michigan, LLC  
Its: Managing Member

By:



Charles Roitstein

Title: Manager

Date:

10/4/12

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day and year first above written.

PLYMOUTH VENTURE PARTNERS II

By: Plymouth Management Company, LLC  
Its: Managing Member

By:   
Mark Horne

Title: Managing Partner

Date: Oct 4, 2012


IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day and year first above written.

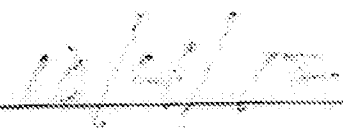
By:   
Name: Dr. Chester Semel, M.D.

Date: 10/4/12

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day and year first above written.

THE RICHARD C. WARD REVOCABLE LIVING TRUST

By:   
Name: Richard C. Ward  
Its: Trustee

Date: 

*[Signature page to Intellectual Property Security Agreement]*

916768156-02

EXHIBIT A

Patents

See attached Patent & Trademark Portfolio dated 10/03/12



EXHIBIT B

Trademarks

See attached Patent & Trademark Portfolio dated 10/03/12

Schedule of Secured Parties

Michigan Growth Capital Partners, L.P.  
Plymouth Venture Partners II  
Dr. Charles Semel, M.D.  
The Richard C. Ward Revocable Living Trust

Relume Technologies, Inc.

# Patent & Trademark Portfolio

Prepared by: Dickinson Wright PLLC.  
10/03/2012

**PATENT**  
**REEL: 029093 FRAME: 0381**

RELUME TECHNOLOGIES, INC.  
PATENT PORTFOLIO

MASTER INDEX

| File No.   | Patent No./<br>Pub. No./S.N. | Inventor            | Title   |
|------------|------------------------------|---------------------|---|
| 650160-1   | 5,568,136                    | Hochstein<br>et al. | Method and Apparatus for Identifying and Measuring<br>the Distance Between Vehicles |
| 650160-2   | 5,633,629                    | Hochstein           | Traffic Information System Using Light Emitting<br>Diodes                           |
| 650160-9   | 5,782,555                    | Hochstein           | Heat Dissipating L.E.D. Traffic Light   |
| 650160-13  | 5,784,006                    | Hochstein           | Annunciator System With Mobile Receivers  |
| 650160-15  | 5,783,909                    | Hochstein           | Maintaining LED Luminous Intensity  |
| 650160-16  | 5,857,767                    | Hochstein           | Thermal Management System for L.E.D. Arrays   |
| 650160-17  | 5,785,418                    | Hochstein           | Thermally Protected LED Array   |
| 650160-18  | 6,045,240                    | Hochstein           | LED Lamp Assembly With Means to Conduct Heat<br>Away from the LEDS                  |
| 650160-33  | 6,078,148                    | Hochstein           | Transformer Tap Switching Power Supply for LED<br>Traffic Signal                    |
| 650160-53  | 6,582,100                    | Hochstein<br>et al. | LED Mounting System   |
| 650160-56  | 6,428,189                    | Hochstein           | L.E.D. Thermal Management   |
| 650160-60  | 6,517,218                    | Hochstein           | LED Integrated Heat Sink  |
| 650160-85  | US2008/0123334               | Hochstein           | LED Light Engine with Applied Foil Construction                                     |
| 650160-109 | 8,256,113                    | Hochstein           | Method of Manufacturing an Electrically Driven LED<br>Lamp Assembly                 |
| 650160-111 | US2011/0053492               | Hochstein           | Networked Light Control System  |
| 650160-114 | 8,109,660                    | Hochstein<br>et al. | Globe Deployable LED Light Engine   |
| 650160-121 | redacted                     |                     |   |
| 650160-131 | US2011/0114976               | Hochstein           | Sectionally Covered Light Emitting Assembly   |

|            |                |           |   |
|------------|----------------|-----------|---|
| 650160-132 | US2011/0110087 | Hochstein | Light Engine with Enhanced Heat Transfer Using Independent Elongated Strips |
| 650160-136 | US2011/0122616 | Hochstein | Integral Heat Sink Housing for LED Lamps                                    |
| 650160-144 | US2009/031417  | Hochstein | Individual Light Shields for Cutoff Rated Lamp Fixtures                     |
| 650160-145 | redacted       |           |   |
| 650160-146 | redacted       |           |   |
| 650160-147 | redacted       |           |   |
| 650160-154 | US2011/0273879 | Hochstein | L.E.D. Engine of Winged Boxes for Heat Transfer                             |
| 650160-158 | 13/322,592*    | Hochstein | Solar Shield for LED Luminaire  |
| 650160-162 | 13/389,497*    | Hochstein | L.E.D. Light Emitting Assembly with Spring Compressed Fins                  |

\*=Application Number (Application Not Yet Published)

†=Provisional Application Expired

## ISSUED PATENTS

| File No.   | Patent No. | Issued Date | Inventor            | Title  |
|------------|------------|-------------|---------------------|--|
| 650160-2   | 5,633,629  | 5/27/1997   | Hochstein           | Traffic Information System Using Light Emitting Diodes           |
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| 650160-15  | 5,783,909  | 7/21/1998   | Hochstein           | Maintaining LED Luminous Intensity                               |
| 650160-13  | 5,784,006  | 7/21/1998   | Hochstein           | Annunciator System With Mobile Receivers                         |
| 650160-17  | 5,785,418  | 7/28/1998   | Hochstein           | Thermally Protected LED Array                                    |
| 650160-16  | 5,857,767  | 1/12/1999   | Hochstein           | Thermal Management System for L.E.D. Arrays                      |
| 650160-18  | 6,045,240  | 4/4/2000    | Hochstein           | LED Lamp Assembly With Means to Conduct Heat Away from the LEDS  |
| 650160-56  | 6,428,189  | 8/6/2002    | Hochstein           | L.E.D. Thermal Management  |
| 650160-60  | 6,517,218  | 2/11/2003   | Hochstein           | LED Integrated Heat Sink   |
| 650160-53  | 6,582,100  | 6/24/2003   | Hochstein<br>et al. | LED Mounting System  |
| 650160-114 | 8,109,660  | 2/7/2012    | Hochstein           | Globe Deployable LED Light Engine                                |
| 650160-109 | 8,256,113  | 9/4/2012    | Hochstein           | Method of Manufacturing an Electrically Driven LED Lamp Assembly |

PENDING PATENTS

| File No.   | Pub. No./ S.N. | Filing Date | Inventor  | Title   |
|------------|----------------|-------------|-----------|---|
| 650160-85  | US2008/0123334 | 11/2/2008   | Hochstein | LED Light Engine with Applied Foil Construction                             |
| 650160-111 | US2011/0053492 | 11/19/2009  | Hochstein | Networked Light Control System  |
| 650160-121 | redacted       |             |           |   |
| 650160-131 | US2011/0114976 | 12/6/2010   | Hochstein | Sectionally Covered Light Emitting Assembly                                 |
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| 650160-136 | US2011/0122616 | 12/6/2010   | Hochstein | Integral Heat Sink Housing for LED Lamps                                    |
| 650160-144 | US2011/0140140 | 1/20/2009   | Hochstein | Individual Light Shields for Cutoff Rated Lamp Fixtures                     |
| 650160-154 | US2011/0273879 | 8/14/2009   | Hochstein | L.E.D. Engine of Winged Boxes for Heat Transfer                             |
| 650160-158 | 13/322,592*    | 1/18/2010   | Hochstein | Solar Shield for LED Luminaire  |
| 650160-162 | 13/389,497*    | 9/11/2009   | Hochstein | L.E.D. Light Emitting Assembly with Spring Compressed Fins                  |

\*=Application Number (Application Not Yet Published)

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| 650160-33 | 6,078,148  | 6/20/2000   | Hochstein           | Transformer Tap Switching Power Supply for<br>LED Traffic Signal                    |



RELUME TECHNOLOGIES, INC.  
TRADEMARK PORTFOLIO

| MASTER INDEX |          |            |                           |                     |           |
|--------------|----------|------------|---------------------------|---------------------|-----------|
| File No.     | Reg. No. | Serial No. | Assignee                  | Trademark           | Status    |
| 650160-5     | 1991901  | 74561874   | Relume Technologies, Inc. | Relume              | Live      |
| 650160-23    | N/A      | N/A        | N/A                       | Sparklz             | Unfiled   |
| 650160-34    | N/A      | 75724295   | N/A                       | Industraleyes       | Abandoned |
| 650160-35    | N/A      | 75724294   | N/A                       | Rampeyes            | Abandoned |
| 650160-105   | 3711050  | 77550392   | Relume Technologies, Inc. | Relume              | Live      |
| 650160-106   | N/A      | 77694498   | N/A                       | Sentinel            | Abandoned |
| 650160-110   | N/A      | 77782346   | N/A                       | Silver<br>Circuitry | Abandoned |
| 650160-122   | 3941802  | 77919019   | Relume Technologies, Inc  | Sentinel            | Live      |
| 650160-148   | N/A      | 85421009*  | N/A                       | IllumaLine          | Live      |
| 650160-155   | N/A      | 85421007*  | N/A                       | IllumaDisk          | Live      |
| 650160-157   | N/A      | 85421006   | N/A                       | IllumaRing          | Live      |

\*Trademark Application is published by the USPTO and Foreign Filed in Canada. Per request, IllumaRing was not Foreign Filed in Canada.