

07-10-2003

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7/10/03

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- New
- Resubmission (Non-Recordation)  
Document ID#
- Correction of PTO Error  
Reel #  Frame #
- Corrective Document  
Reel #  Frame #

Conveyance Type

- Assignment
- License
- Security Agreement
- Nunc Pro Tunc Assignment  
Effective Date  
Month Day Year
- Merger
- Change of Name
- Other

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name

Execution Date  
Month Day Year  
6 30 2003

Formerly

- Individual
- General Partnership
- Limited Partnership
- Corporation
- Association

Other

Citizenship/State of Incorporation/Organization

Receiving Party

Mark if additional names of conveying parties attached

Name

DBA/AKA/TA

Composed of

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

- Individual
- General Partnership
- Limited Partnership
- Corporation
- Association
- Other

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment)

Citizenship/State of Incorporation/Organization

FOR OFFICE USE ONLY

07/10/2003 6TOM11 00000108 1351568

01 FC:8521 40.00 DP  
02 FC:8522 425.00 DP

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB nation Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

TRADEMARK

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**Correspondent Name and Address**

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

#

**Trademark Application Number(s) or Registration Number(s)**

Mark if additional numbers attached

Enter either the Trademark Application Number or the Registration Number (DO NOT ENTER BOTH numbers for the same property).

Trademark Application Number(s)

Registration Number(s)  
**SEE EXHIBIT A**

**Number of Properties**

Enter the total number of properties involved.

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed  Deposit Account

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account)

Deposit Account Number: #

Authorization to charge additional fees: Yes  No

**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

*Eileen M Allen*

*Eileen Allen*

*7/2/03*

Name of Person Signing

Signature

Date

EXHIBIT A  
to  
COLLATERAL ASSIGNMENT AND SECURITY AGREEMENT

ADVANCED LIGHTING TECHNOLOGIES, INC.'S SCHEDULE OF MARKS\*

REGISTERED OWNER	MARK	U.S. REGISTRATION NO.
Advanced Lighting Technologies, Inc.	PRO ARC	Reg. 1,351,568
Advanced Lighting Technologies, Inc.	PRO ARC	Reg. 323,586 (Canada)
Advanced Lighting Technologies, Inc.	VLI Logo	Reg. 1,357,882
Advanced Lighting Technologies, Inc.	VLI Logo	Reg. 321,884 (Canada)
Advanced Lighting Technologies, Inc.	VLI Logo	Reg. 2,113,518 (U.K.)
Advanced Lighting Technologies, Inc.	VLI Logo	Reg. 729, 737 (Italy)
Advanced Lighting Technologies, Inc.	VLI Logo	Reg. 96 648 593 (France)
Advanced Lighting Technologies, Inc.	VLI Logo	Reg. 39645980 (Germany)
Advanced Lighting Technologies, Inc.	VLI Logo	Reg. 674,037 (Australia)
Advanced Lighting Technologies, Inc.	VLI Logo	Reg. 254,192 (New Zealand)
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING INTERNATIONAL	Reg. 1,396,659
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING INTERNATIONAL	Reg. 335, 094 (Canada)

\* Unless otherwise indicated in ( ) in the third column, the trademark information in this chart is for U.S. trademarks.

**Exhibit A to Collateral Assignment and Security Agreement  
of ADLT's Schedule of Marks (Cont'd)**

<b>REGISTERED OWNER</b>	<b>MARK</b>	<b>U.S. REGISTRATION NO.</b>
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING INTERNATIONAL	Reg. 1,253,673 (U.K.)
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING INTERNATIONAL	Reg. 396459897 (Germany)
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING INTERNATIONAL	Reg. 674,038 (Australia)
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING INTERNATIONAL	Reg. 254193 (New Zealand)
Advanced Lighting Technologies, Inc.	VENTURE	Reg. 1,707,980
Advanced Lighting Technologies, Inc.	VENTURE	Reg. 4152386 (Japan)
Advanced Lighting Technologies, Inc.	VENTURE	Reg. 1,470,183 (U.K.)
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING	Reg. 4152387 (Japan)
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING (stylized)	Reg. 2131472 (U.K.)
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING (stylized)	Reg. 39719956 (Germany)
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING (stylized)	Reg. 97676221 (France)
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING (stylized)	Reg. 734,043 (Australia)
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING (stylized)	Reg. 276,124 (New Zealand)
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING (stylized)	Reg. 47034 (Korea)
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING (stylized)	Reg. 12238/1998 (Hong Kong)
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING (stylized)	Reg. 210,836 (Finland)

**Exhibit A to Collateral Assignment and Security Agreement  
of ADLT's Schedule of Marks (Cont'd)**

<b>REGISTERED OWNER</b>	<b>MARK</b>	<b>U.S. REGISTRATION NO.</b>
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING (stylized)	Reg. 329,698 (Sweden)
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING (stylized)	Reg. VR02.665 1997 (Denmark)
Advanced Lighting Technologies, Inc.	ENERGY MASTER	Reg. 1,715,439
Advanced Lighting Technologies, Inc.	WHITE LUX	Reg. 1,730,895
Advanced Lighting Technologies, Inc.	WHITE LUX	Reg. 96 648 592 (France)
Advanced Lighting Technologies, Inc.	SUPER PRO-ARC	Reg. 1,771,290
Advanced Lighting Technologies, Inc.	Recycle Logo	Reg. 1,965,660
Advanced Lighting Technologies, Inc.	MICROSUN	Reg. 2,099,921
Advanced Lighting Technologies, Inc.	MICROSUN	Reg. 506,803 (Canada)
Advanced Lighting Technologies, Inc.	MICROSUN	Reg. 2143702 (U.K.)
Advanced Lighting Technologies, Inc.	MICROSUN	Reg. VR 05.018 1997 (Denmark)
Advanced Lighting Technologies, Inc.	MICROSUN	Reg. 397 40 602.9 (Germany)
Advanced Lighting Technologies, Inc.	MICROSUN	Reg. 434,474 (Korea)
Advanced Lighting Technologies, Inc.	MICROSUN	Reg. 282742 (New Zealand)
Advanced Lighting Technologies, Inc.	Microsun Logo	Reg. 2,103,892
Advanced Lighting Technologies, Inc.	Microsun Logo	Reg. 976907 (Norway)

**Exhibit A to Collateral Assignment and Security Agreement  
of ADLT's Schedule of Marks (Cont'd)**

<b>REGISTERED OWNER</b>	<b>MARK</b>	<b>U.S. REGISTRATION NO.</b>
Advanced Lighting Technologies, Inc.	Microsun Logo	Reg. -2143699 (U.K.)
Advanced Lighting Technologies, Inc.	Microsun Logo	Reg. VR 05.019 1997 (Denmark)
Advanced Lighting Technologies, Inc.	Microsun Logo	Reg. 39740600 (Germany)
Advanced Lighting Technologies, Inc.	Microsun Logo	Reg. 434,475 (Korea)
Advanced Lighting Technologies, Inc.	Microsun Logo	Reg. 282743 (New Zealand)
Advanced Lighting Technologies, Inc.	WYNDAM HALL	Reg. 2,104,141
Advanced Lighting Technologies, Inc.	AGRO-LUX	Reg. 2,134,888
Advanced Lighting Technologies, Inc.	PERFORMANCE PLUS	Reg. 2,167,386
Advanced Lighting Technologies, Inc.	PERFORMANCE PLUS	Reg. 2122817 (Spain)
Advanced Lighting Technologies, Inc.	PERFORMANCE PLUS	Reg. 97 699 351 (France)
Advanced Lighting Technologies, Inc.	PERFORMANCE PLUS	Reg. 211,290 (Finland)
Advanced Lighting Technologies, Inc.	PERFORMANCE PLUS	Reg. VR 05.157 1997 (Denmark)
Advanced Lighting Technologies, Inc.	ENERGYMASTER PLUS	Reg. 2,171,151
Advanced Lighting Technologies, Inc.	ENERGYMASTER PLUS	Reg. 2147946 (U.K.)
Advanced Lighting Technologies, Inc.	ENERGYMASTER PLUS	Reg. 39749221 (Germany)
Advanced Lighting Technologies, Inc.	ENERGYMASTER PLUS	Reg. 2122816 (Spain)

**Exhibit A to Collateral Assignment and Security Agreement  
of ADLT's Schedule of Marks (Cont'd)**

<b>REGISTERED OWNER</b>	<b>MARK</b>	<b>U.S. REGISTRATION NO.</b>
Advanced Lighting Technologies, Inc.	ENERGYMASTER PLUS	Reg. 97 699 350 (France)
Advanced Lighting Technologies, Inc.	ENERGYMASTER PLUS	Reg. 190,627 (Norway)
Advanced Lighting Technologies, Inc.	ENERGYMASTER PLUS	Reg. VR 05.156 1997 (Denmark)
Advanced Lighting Technologies, Inc.	ENERGYMASTER PLUS	Reg. 746080 (Australia)
Advanced Lighting Technologies, Inc.	SMARTPAC and Design	Reg. 2,223,069
Advanced Lighting Technologies, Inc.	SMARTPAC	Reg. 2,241,770
Advanced Lighting Technologies, Inc.	WINTERSUN	Reg. 2,232,711
Advanced Lighting Technologies, Inc.	WINTERSUN	Reg. 189,021 (Norway)
Advanced Lighting Technologies, Inc.	WINTERSUN	Reg. VR 05.020 1997 (Denmark)
Advanced Lighting Technologies, Inc.	WINTERSUN	Reg. 39740601 (Germany)
Advanced Lighting Technologies, Inc.	WINTERSUN	Reg. 434,476 (Korea)
Advanced Lighting Technologies, Inc.	WINTERSUN	Reg. 745,038 (Australia)
Advanced Lighting Technologies, Inc.	WINTERSUN	Reg. 282744 (New Zealand)
Advanced Lighting Technologies, Inc.	CORALUX	Reg. 2138079 (U.K.)
Advanced Lighting Technologies, Inc.	DATALUX	Reg. 192,386 (Norway)
Advanced Lighting Technologies, Inc.	DATALUX	Reg. 2143778 (U.K.)

**Exhibit A to Collateral Assignment and Security Agreement  
of ADLT's Schedule of Marks (Cont'd)**

<b>REGISTERED OWNER</b>	<b>MARK</b>	<b>U.S. REGISTRATION NO.</b>
Advanced Lighting Technologies, Inc.	DATALUX	Reg. VR 02034 1998 (Denmark)
Advanced Lighting Technologies, Inc.	DATALUX	Reg. 39740603 (Germany)
Advanced Lighting Technologies, Inc.	DATALUX	Reg. 5440/1998 (Hong Kong)
Advanced Lighting Technologies, Inc.	DATALUX	Reg. 745,041 (Australia)
Advanced Lighting Technologies, Inc.	DATALUX	Reg. 821,734 (Taiwan)
Advanced Lighting Technologies, Inc.	DATALUX	Reg. 282741 (New Zealand)
Advanced Lighting Technologies, Inc.	CRYSTAL LITES	Reg. 507,825 (Canada)
Advanced Lighting Technologies, Inc.	DESIGNER COLOR	Reg. 39754124 (Germany)
Advanced Lighting Technologies, Inc.	DESIGNER COLOR	Reg. 97702082 (France)
Advanced Lighting Technologies, Inc.	DESIGNER COLOR	Reg. 211,607 (Finland)
Advanced Lighting Technologies, Inc.	DESIGNER COLOR	Reg. 190,243 (Norway)
Advanced Lighting Technologies, Inc.	DESIGNER COLOR	Reg. VR 00.133 1998 (Denmark)
Advanced Lighting Technologies, Inc.	PRECISION PLUS	Reg. 2119679 (Spain)
Advanced Lighting Technologies, Inc.	PRECISION PLUS	Reg. 97 699 348 (France)
Advanced Lighting Technologies, Inc.	PRECISION PLUS	Reg. 211,289 (Finland)
Advanced Lighting Technologies, Inc.	PRECISION PLUS	Reg. VR05 158 1997



**Exhibit A to Collateral Assignment and Security Agreement  
of ADLT's Schedule of Marks (Cont'd)**

<b>REGISTERED OWNER</b>	<b>MARK</b>	<b>U.S. REGISTRATION NO.</b>
Advanced Lighting Technologies, Inc.	QUALITY PLUS	Reg. 507,824 (Canada)
Advanced Lighting Technologies, Inc.	SCONCIERE	Reg. 567,213 (Mexico)
Advanced Lighting Technologies, Inc.	SCONCIERE	Reg. 2138082 (U.K.)
Advanced Lighting Technologies, Inc.	SCONCIERE	Reg. 738,369 (Australia)
Advanced Lighting Technologies, Inc.	SUNMASTER	Reg. 762, 320 (Australia)
Advanced Lighting Technologies, Inc.	SUNMASTER	Reg. 634, 629 (Belgium, Luxembourg, Netherlands)
Advanced Lighting Technologies, Inc.	SUNMASTER	Reg. 98 732663 (France)
Advanced Lighting Technologies, Inc.	SUNMASTER	Reg. 39827526.2 (Germany)
Advanced Lighting Technologies, Inc.	SUNMASTER	Reg. 292358 (New Zealand)
Advanced Lighting Technologies, Inc.	SUNMASTER	Reg. 193,695 (Norway)
Advanced Lighting Technologies, Inc.	SUNMASTER	Reg. 2167101 (U.K.)
Advanced Lighting Technologies, Inc.	SUNMASTER + PLUS	Reg. 762,319 (Australia)
Advanced Lighting Technologies, Inc.	SUNMASTER + PLUS	Reg. 634, 630 (Belgium, Luxembourg, Netherlands)
Advanced Lighting Technologies, Inc.	SUNMASTER + PLUS	Reg. 213558 (Finland)
Advanced Lighting Technologies, Inc.	SUNMASTER + PLUS	Reg. 98 732664 (France)
Advanced Lighting Technologies, Inc.	SUNMASTER + PLUS	Reg. 39827527.0 (Germany)

**Exhibit A to Collateral Assignment and Security Agreement  
of ADLT's Schedule of Marks (Cont'd)**

<b>REGISTERED OWNER</b>	<b>MARK</b>	<b>U.S. REGISTRATION NO.</b>
Advanced Lighting Technologies, Inc.	SUNMASTER + PLUS	Reg. 292359 (New Zealand)
Advanced Lighting Technologies, Inc.	SUNMASTER + PLUS	Reg. 193,696 (Norway)
Advanced Lighting Technologies, Inc.	SUNMASTER + PLUS	Reg. 2167004 (U.K.)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 2113517 (U.K.)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 39645981 (Germany)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 2060749 (Spain)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 2112229 (Spain)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 96648591 (France)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 4124101 (Japan)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 826490 (Canada)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 720076 (Australia)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 268474 (New Zealand)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 268475 (New Zealand)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 268476 (New Zealand)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 47035 (Korea)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 1201370 (China)

REGISTERED OWNER	MARK	U.S. REGISTRATION NO.
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 210724 (Finland)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 329,697 (Sweden)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 189,361 (Norway)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. VR02.666 1997 (Denmark)
Advanced Lighting Technologies, Inc.	UV GUARD	Reg. 397 19 957 (Germany)
Advanced Lighting Technologies, Inc.	UV GUARD	Reg. 2097866 (Spain)
Advanced Lighting Technologies, Inc.	UV GUARD	Reg. 97/676,443 (France)
Advanced Lighting Technologies, Inc.	UV GUARD	Reg. 210,835 (Finland)
Advanced Lighting Technologies, Inc.	UV GUARD	Reg. VR02.664 1997 (Denmark)

## ASSIGNMENT AND RELEASE OF SECURITY INTEREST

This Assignment Agreement is entered into as of June 30, 2003 (this "Assignment") by and between PNC Bank, National Association, as agent for the financial institutions ("Assignor") and Advanced Lighting Technologies, Inc., an Ohio corporation ("Assignee").

WHEREAS, Assignor, the financial institutions, Assignee, and various foreign subsidiaries of Assignee (the "Foreign Subsidiaries") entered into that certain Credit Agreement dated as of May 21, 1999 (as amended, modified or supplemented from time to time in accordance with the terms thereof, the "Credit Agreement") providing, subject to the terms and conditions set forth therein, for the establishment of credits to be made available to Assignee and the Foreign Subsidiaries; and

WHEREAS, pursuant to the Credit Agreement, Assignor and Assignee entered into that certain Collateral Assignment and Security Agreement dated as of May 21, 1999 (as amended, modified or supplemented from time to time in accordance with the terms thereof, the "Collateral Assignment") providing, subject to the terms and conditions set forth therein, for a security interest in and an assignment of the Collateral (as such term is defined in the Collateral Assignment) including the patents, patent applications, trademarks and the associated goodwill, trademark registrations, and applications to register trademarks listed in Schedule A hereto; and

WHEREAS, Assignor, the financial institutions, Assignee, and various U.S. subsidiaries of Assignee entered into that certain Post-Petition Credit Agreement dated as of February 6, 2003 (as amended, modified or supplemented from time to time in accordance with the terms thereof) providing, subject to the terms and conditions set forth therein, for post-Petition financing to Assignee and various U.S. subsidiaries of Assignee.

NOW THEREFORE, in consideration of the mutual agreements contained herein, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto hereby agree as follows:

1. Assignor does hereby forever release its security interest in, and hereby assign unto Assignee, all right, title and interest in and to the Collateral, including any goodwill associated therewith.
2. This Assignment may not be amended or supplemented orally, but only by an instrument in writing signed by Assignor and Assignee.
3. This Assignment may be executed in counterparts, each of which shall be deemed an original, but which together shall constitute one and the same agreement.
4. This Assignment shall be binding upon and inure to the benefit of the parties hereto and their respective successors and permitted assigns.
5. Assignor agrees to execute and deliver at Assignee's expense but without charge to Assignee, such further instruments, and to take or cause to be taken such other or further actions as Assignee may reasonably request, in order to perfect, confirm or evidence such assignment and release.

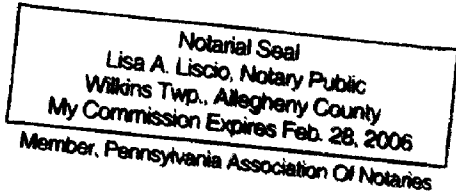
IN WITNESS WHEREOF, each of Assignor and Assignee has caused this Assignment to be executed as of the date first written above.

**PNC BANK, NATIONAL ASSOCIATION, AS AGENT**

By: Mark D. Heffernan  
Name: MARK D. HEFFERNAN  
Its: ASST. VICE PRESIDENT

STATE OF Pennsylvania )  
COUNTY OF Allegheny ) SS.

On this 25<sup>th</sup> day of June, 2003, before me personally came MARK D. HEFFERNAN to me known to be a ASST. VICE PRESIDENT of PNC Bank, National Association, the assignor above-named, and acknowledged that he executed the foregoing instrument and he did swear that he executed this assignment as his free act on behalf of said assignor and pursuant to authority duly received.



Lisa A. Liscio  
Notary Public

**ADVANCED LIGHTING TECHNOLOGIES, INC.**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Its: \_\_\_\_\_

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS.

On this \_\_\_\_ day of June, 2003, before me personally came \_\_\_\_\_, to me known to be \_\_\_\_\_ of \_\_\_\_\_, the assignee above-named, and acknowledged that he or she executed the foregoing instrument and he or she did swear that he or she executed this assignment as his or her free act on behalf of said assignee and pursuant to authority duly received.

\_\_\_\_\_  
Notary Public

IN WITNESS WHEREOF, each of Assignor and Assignee has caused this Assignment to be executed as of the date first written above.

**PNC BANK, NATIONAL ASSOCIATION, AS AGENT**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Its: \_\_\_\_\_

STATE OF \_\_\_\_\_ )  
  ) SS.  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_ day of June, 2003, before me personally came \_\_\_\_\_, to me known to be a \_\_\_\_\_ of PNC Bank, National Association, the assignor above-named, and acknowledged that he executed the foregoing instrument and he did swear that he executed this assignment as his free act on behalf of said assignor and pursuant to authority duly received.

\_\_\_\_\_  
Notary Public

**ADVANCED LIGHTING TECHNOLOGIES, INC.**

By: Steven C. Potts  
Name: Steven C. Potts  
Its: CFO, Secretary & Treasurer

STATE OF Ohio )  
  ) SS.  
COUNTY OF Cuyahoga )

On this 26 day of June, 2003, before me personally came Steven C. Potts to me known to be CFO, Secretary & Treasurer of Advanced Lighting Tech, the assignee above-named, and acknowledged that he or she executed the foregoing instrument and he or she did swear that he or she executed this assignment as his or her free act on behalf of said assignee and pursuant to authority duly received.

Jennifer E. Kurowski  
Notary Public

**JENNIFER E. KUROWSKI**

**NOTARY PUBLIC STATE OF OHIO**  
**MY COMMISSION EXPIRES 1/31/04**

SCHEDULE A

See Attached.

**EXHIBIT A**  
to  
**COLLATERAL ASSIGNMENT AND SECURITY AGREEMENT**

**SCHEDULE OF ADVANCED LIGHTING TECHNOLOGIES, INC. PATENTS AND APPLICATIONS\***

OWNER	TITLE	PATENT NO. OR APPLICATION SERIAL NO.	PATENT ISSUE DATE OR APPLICATION FILING DATE
Advanced Lighting Technologies, Inc.	A Fluorescent Lamp Containing a Mercury Zinc Amalgam and A Method of Manufacture	S. N. 08/299,292	September 1, 1994
Advanced Lighting Technologies, Inc.	A Fluorescent Lamp Containing a Mercury Zinc Amalgam and A Method of Manufacture	Patent 5,882,237 (Div. of 08/299,292)	March 16, 1999
Advanced Lighting Technologies, Inc.	A Fluorescent Lamp Containing a Mercury Zinc Amalgam and A Method of Manufacture	S.N. PI 9405796-6 (Brazil)	August 10, 1995
Advanced Lighting Technologies, Inc.	A Fluorescent Lamp Containing a Mercury Zinc Amalgam and A Method of Manufacture	S.N. 2,155,972 (Canada)	August 11, 1995
Advanced Lighting Technologies, Inc.	A Fluorescent Lamp Containing a Mercury Zinc Amalgam and A Method of Manufacture	S.N. 94910153.9 (Europe)	August 3, 1995
Advanced Lighting Technologies, Inc.	A Fluorescent Lamp Containing a Mercury Zinc Amalgam and A Method of Manufacture	S.N. 95-703124 (Korea)	July 28, 1995
Advanced Lighting Technologies, Inc.	A Fluorescent Lamp Containing a Mercury Zinc Amalgam and A Method of Manufacture	S.N. 6-518396 (Japan)	August 11, 1995

\* Unless otherwise indicated in ( ) in the third column, the patent information on this chart is for US. patents.



**Exhibit A to Collateral Assignment and Security Agreement  
Schedule of ADLT Patents and Applications (Cont'd)**

OWNER	TITLE	PATENT NO. OR APPLICATION SERIAL NO.	PATENT ISSUE DATE OR APPLICATION FILING DATE
Advanced Lighting Technologies, Inc.	Auxiliary Lighting Control Circuit And Method For A HID Lamp Lighting System	S.N. 08/899,881	July 24, 1997
Advanced Lighting Technologies, Inc.	Auxiliary Lighting Control Circuit And Method For A HID Lamp Lighting System	PCT/US98/15150 (Patent Cooperation Treaty)	July 24, 1998
Advanced Lighting Technologies, Inc.	Dimming System and Method For a Magnetically Ballasted Gaseous Discharge Lamp	S.N. 09/227,830	January 11, 1999
Advanced Lighting Technologies, Inc.	Lampholder Assembly With An Integral Ballast	Patent D 403,100	December 22, 1998
Advanced Lighting Technologies, Inc.	Lampholder Assembly With An Integral Ballast	Patent M 9804538.5 (Germany)	November 16, 1998
Advanced Lighting Technologies, Inc.	Lampholder Assembly With An Integral Ballast	S.N. 98307670.7 (China)	May 4, 1998
Advanced Lighting Technologies, Inc.	Metal Halide Lamps And Method of Manufacture	S.N. 08/645,115	March 13, 1996
Advanced Lighting Technologies, Inc.	Metal Halide Lamps And Method of Manufacture	S.N. 9823617.7 (U.K.)	November 5, 1998
Advanced Lighting Technologies, Inc.	Metal Halide Lamps And Method of Manufacture	S.N. 19781751.3 (Germany)	November 5, 1998
Advanced Lighting Technologies, Inc.	Metal Halide Lamps And Method of Manufacture	S.N. 9-541150 (Japan)	November 11, 1998
Advanced Lighting Technologies, Inc.	Metal Halide Lamps And Method of Manufacture	S.N. 98-709144 (Korea)	November 12, 1998
Advanced Lighting Technologies, Inc.	Operating Circuit For An Inductively Ballasted Arc Discharge Lamp	Patent 5,896,013	April 20, 1999

**Exhibit A to Collateral Assignment and Security Agreement  
Schedule of ADLT Patents and Applications (Cont'd)**

OWNER	TITLE	PATENT NO. OR APPLICATION SERIAL NO.	PATENT ISSUE DATE OR APPLICATION FILING DATE
Advanced Lighting Technologies, Inc.	Metal Halide Discharge Lamp Producing A Non-White Color	S.N. 08/457,570	June 1, 1995
Advanced Lighting Technologies, Inc.	Methods of Strengthening Metal Halide Particles, And Improved Lamp Fill Material	S.N. 08/702,038	October 9, 1996
Advanced Lighting Technologies, Inc.	Reflector	Patent MR 26317 (Germany)	June 24, 1986
Advanced Lighting Technologies, Inc.	Strengthening Agent For Metal Halide Particles And Improved Lamp Fill Material	S.N. 08/702,031	August 23, 1996
Advanced Lighting Technologies, Inc.	Strengthening Agent For Metal Halide Particles And Improved Lamp Fill Material	S.N. 97935219.2 (Europe)	March 23, 1999
Advanced Lighting Technologies, Inc.	Strengthening Agent For Metal Halide Particles And Improved Lamp Fill Material	S.N. 10-510759 (Japan)	February 23, 1999
Advanced Lighting Technologies, Inc.	Unitary Socket/Electronics Assembly Module For A Metal Halide Lamp	S.N. 08/958,933	October 28, 1997
Advanced Lighting Technologies, Inc.	Unitary Socket/Electronics Assembly Module For A Metal Halide Lamp	S. N. PCT/US98/22695 (Patent Cooperation Treaty)	October 27, 1998

**EXHIBIT A**  
to  
**COLLATERAL ASSIGNMENT AND SECURITY AGREEMENT**

**ADVANCED LIGHTING TECHNOLOGIES, INC.'S SCHEDULE OF MARKS\***

REGISTERED OWNER	MARK	U.S. REGISTRATION NO.
Advanced Lighting Technologies, Inc.	PRO ARC	Reg. 1,351,568
Advanced Lighting Technologies, Inc.	PRO ARC	Reg. 323,586 (Canada)
Advanced Lighting Technologies, Inc.	VLI Logo	Reg. 1,357,882
Advanced Lighting Technologies, Inc.	VLI Logo	Reg. 321,884 (Canada)
Advanced Lighting Technologies, Inc.	VLI Logo	Reg. 2,113,518 (U.K.)
Advanced Lighting Technologies, Inc.	VLI Logo	Reg. 729, 737 (Italy)
Advanced Lighting Technologies, Inc.	VLI Logo	Reg. 96 648 593 (France)
Advanced Lighting Technologies, Inc.	VLI Logo	Reg. 39645980 (Germany)
Advanced Lighting Technologies, Inc.	VLI Logo	Reg. 674,037 (Australia)
Advanced Lighting Technologies, Inc.	VLI Logo	Reg. 254,192 (New Zealand)
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING INTERNATIONAL	Reg. 1,396,659
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING INTERNATIONAL	Reg. 335, 094 (Canada)

\* Unless otherwise indicated in ( ) in the third column, the trademark information in this chart is for U.S. trademarks.

**Exhibit A to Collateral Assignment and Security Agreement  
of ADLT's Schedule of Marks (Cont'd)**

REGISTERED OWNER	MARK	U.S. REGISTRATION NO.
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING INTERNATIONAL	Reg. 4,253,673 (U.K.)
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING INTERNATIONAL	Reg. 396459897 (Germany)
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING INTERNATIONAL	Reg. 674,038 (Australia)
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING INTERNATIONAL	Reg. 254193 (New Zealand)
Advanced Lighting Technologies, Inc.	VENTURE	Reg. 1,707,980
Advanced Lighting Technologies, Inc.	VENTURE	Reg. 4152386 (Japan)
Advanced Lighting Technologies, Inc.	VENTURE	Reg. 1,470,183 (U.K.)
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING	Reg. 4152387 (Japan)
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING (stylized)	Reg. 2131472 (U.K.)
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING (stylized)	Reg. 39719956 (Germany)
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING (stylized)	Reg. 97676221 (France)
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING (stylized)	Reg. 734,043 (Australia)
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING (stylized)	Reg. 276,124 (New Zealand)
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING (stylized)	Reg. 47034 (Korea)
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING (stylized)	Reg. 12238/1998 (Hong Kong)
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING (stylized)	Reg. 210,836 (Finland)

**Exhibit A to Collateral Assignment and Security Agreement  
of ADLT's Schedule of Marks (Cont'd)**

<b>REGISTERED OWNER</b>	<b>MARK</b>	<b>U.S. REGISTRATION NO.</b>
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING (stylized)	Reg. 329,698 (Sweden)
Advanced Lighting Technologies, Inc.	VENTURE LIGHTING (stylized)	Reg. VR02.665 1997 (Denmark)
Advanced Lighting Technologies, Inc.	ENERGY MASTER	Reg. 1,715,439
Advanced Lighting Technologies, Inc.	WHITE LUX	Reg. 1,730,895
Advanced Lighting Technologies, Inc.	WHITE LUX	Reg. 96 648 592 (France)
Advanced Lighting Technologies, Inc.	SUPER PRO-ARC	Reg. 1,771,290
Advanced Lighting Technologies, Inc.	Recycle Logo	Reg. 1,965,660
Advanced Lighting Technologies, Inc.	MICROSUN	Reg. 2,099,921
Advanced Lighting Technologies, Inc.	MICROSUN	Reg. 506,803 (Canada)
Advanced Lighting Technologies, Inc.	MICROSUN	Reg. 2143702 (U.K.)
Advanced Lighting Technologies, Inc.	MICROSUN	Reg. VR 05.018 1997 (Denmark)
Advanced Lighting Technologies, Inc.	MICROSUN	Reg. 397 40 602.9 (Germany)
Advanced Lighting Technologies, Inc.	MICROSUN	Reg. 434,474 (Korea)
Advanced Lighting Technologies, Inc.	MICROSUN	Reg. 282742 (New Zealand)
Advanced Lighting Technologies, Inc.	Microsun Logo	Reg. 2,103,892
Advanced Lighting Technologies, Inc.	Microsun Logo	Reg. 976907 (Norway)

**Exhibit A to Collateral Assignment and Security Agreement  
of ADLT's Schedule of Marks (Cont'd)**

<b>REGISTERED OWNER</b>	<b>MARK</b>	<b>U.S. REGISTRATION NO.</b>
Advanced Lighting Technologies, Inc.	Microsun Logo	Reg. -2143699 (U.K.)
Advanced Lighting Technologies, Inc.	Microsun Logo	Reg. VR 05.019 1997 (Denmark)
Advanced Lighting Technologies, Inc.	Microsun Logo	Reg. 39740600 (Germany)
Advanced Lighting Technologies, Inc.	Microsun Logo	Reg. 434,475 (Korea)
Advanced Lighting Technologies, Inc.	Microsun Logo	Reg. 282743 (New Zealand)
Advanced Lighting Technologies, Inc.	WYNDAM HALL	Reg. 2,104,141
Advanced Lighting Technologies, Inc.	AGRO-LUX	Reg. 2,134,888
Advanced Lighting Technologies, Inc.	PERFORMANCE PLUS	Reg. 2,167,386
Advanced Lighting Technologies, Inc.	PERFORMANCE PLUS	Reg. 2122817 (Spain)
Advanced Lighting Technologies, Inc.	PERFORMANCE PLUS	Reg. 97 699 351 (France)
Advanced Lighting Technologies, Inc.	PERFORMANCE PLUS	Reg. 211,290 (Finland)
Advanced Lighting Technologies, Inc.	PERFORMANCE PLUS	Reg. VR 05.157 1997 (Denmark)
Advanced Lighting Technologies, Inc.	ENERGYMASTER PLUS	Reg. 2,171,151
Advanced Lighting Technologies, Inc.	ENERGYMASTER PLUS	Reg. 2147946 (U.K.)
Advanced Lighting Technologies, Inc.	ENERGYMASTER PLUS	Reg. 39749221 (Germany)
Advanced Lighting Technologies, Inc.	ENERGYMASTER PLUS	Reg. 2122816 (Spain)

**Exhibit A to Collateral Assignment and Security Agreement  
of ADLT's Schedule of Marks (Cont'd)**

<b>REGISTERED OWNER</b>	<b>MARK</b>	<b>U.S. REGISTRATION NO.</b>
Advanced Lighting Technologies, Inc.	ENERGYMASTER PLUS	Reg. 97 699 350 (France)
Advanced Lighting Technologies, Inc.	ENERGYMASTER PLUS	Reg. 190,627 (Norway)
Advanced Lighting Technologies, Inc.	ENERGYMASTER PLUS	Reg. VR 05.156 1997 (Denmark)
Advanced Lighting Technologies, Inc.	ENERGYMASTER PLUS	Reg. 746080 (Australia)
Advanced Lighting Technologies, Inc.	SMARTPAC and Design	Reg. 2,223,069
Advanced Lighting Technologies, Inc.	SMARTPAC	Reg. 2,241,770
Advanced Lighting Technologies, Inc.	WINTERSUN	Reg. 2,232,711
Advanced Lighting Technologies, Inc.	WINTERSUN	Reg. 189,021 (Norway)
Advanced Lighting Technologies, Inc.	WINTERSUN	Reg. VR 05.020 1997 (Denmark)
Advanced Lighting Technologies, Inc.	WINTERSUN	Reg. 39740601 (Germany)
Advanced Lighting Technologies, Inc.	WINTERSUN	Reg. 434,476 (Korea)
Advanced Lighting Technologies, Inc.	WINTERSUN	Reg. 745,038 (Australia)
Advanced Lighting Technologies, Inc.	WINTERSUN	Reg. 282744 (New Zealand)
Advanced Lighting Technologies, Inc.	CORALUX	Reg. 2138079 (U.K.)
Advanced Lighting Technologies, Inc.	DATALUX	Reg. 192,386 (Norway)
Advanced Lighting Technologies, Inc.	DATALUX	Reg. 2143778 (U.K.)

**Exhibit A to Collateral Assignment and Security Agreement  
of ADLT's Schedule of Marks (Cont'd)**

<b>REGISTERED OWNER</b>	<b>MARK</b>	<b>U.S. REGISTRATION NO.</b>
Advanced Lighting Technologies, Inc.	DATALUX	Reg. VR 02034 1998 (Denmark)
Advanced Lighting Technologies, Inc.	DATALUX	Reg. 39740603 (Germany)
Advanced Lighting Technologies, Inc.	DATALUX	Reg. 5440/1998 (Hong Kong)
Advanced Lighting Technologies, Inc.	DATALUX	Reg. 745,041 (Australia)
Advanced Lighting Technologies, Inc.	DATALUX	Reg. 821,734 (Taiwan)
Advanced Lighting Technologies, Inc.	DATALUX	Reg. 282741 (New Zealand)
Advanced Lighting Technologies, Inc.	CRYSTAL LITES	Reg. 507,825 (Canada)
Advanced Lighting Technologies, Inc.	DESIGNER COLOR	Reg. 39754124 (Germany)
Advanced Lighting Technologies, Inc.	DESIGNER COLOR	Reg. 97702082 (France)
Advanced Lighting Technologies, Inc.	DESIGNER COLOR	Reg. 211,607 (Finland)
Advanced Lighting Technologies, Inc.	DESIGNER COLOR	Reg. 190,243 (Norway)
Advanced Lighting Technologies, Inc.	DESIGNER COLOR	Reg. VR 00.133 1998 (Denmark)
Advanced Lighting Technologies, Inc.	PRECISION PLUS	Reg. 2119679 (Spain)
Advanced Lighting Technologies, Inc.	PRECISION PLUS	Reg. 97 699 348 (France)
Advanced Lighting Technologies, Inc.	PRECISION PLUS	Reg. 211,289 (Finland)
Advanced Lighting Technologies, Inc.	PRECISION PLUS	Reg. VR05 158 1997



**Exhibit A to Collateral Assignment and Security Agreement  
of ADLT's Schedule of Marks (Cont'd)**

<b>REGISTERED OWNER</b>	<b>MARK</b>	<b>U.S. REGISTRATION NO.</b>
Advanced Lighting Technologies, Inc.	QUALITY PLUS	Reg. 507,824 (Canada)
Advanced Lighting Technologies, Inc.	SCONCIERE	Reg. 567,213 (Mexico)
Advanced Lighting Technologies, Inc.	SCONCIERE	Reg. 2138082 (U.K.)
Advanced Lighting Technologies, Inc.	SCONCIERE	Reg. 738,369 (Australia)
Advanced Lighting Technologies, Inc.	SUNMASTER	Reg. 762, 320 (Australia)
Advanced Lighting Technologies, Inc.	SUNMASTER	Reg. 634, 629 (Belgium, Luxembourg, Netherlands)
Advanced Lighting Technologies, Inc.	SUNMASTER	Reg. 98 732663 (France)
Advanced Lighting Technologies, Inc.	SUNMASTER	Reg. 39827526.2 (Germany)
Advanced Lighting Technologies, Inc.	SUNMASTER	Reg. 292358 (New Zealand)
Advanced Lighting Technologies, Inc.	SUNMASTER	Reg. 193,695 (Norway)
Advanced Lighting Technologies, Inc.	SUNMASTER	Reg. 2167101 (U.K.)
Advanced Lighting Technologies, Inc.	SUNMASTER + PLUS	Reg. 762,319 (Australia)
Advanced Lighting Technologies, Inc.	SUNMASTER + PLUS	Reg. 634, 630 (Belgium, Luxembourg, Netherlands)
Advanced Lighting Technologies, Inc.	SUNMASTER + PLUS	Reg. 213558 (Finland)
Advanced Lighting Technologies, Inc.	SUNMASTER + PLUS	Reg. 98 732664 (France)
Advanced Lighting Technologies, Inc.	SUNMASTER + PLUS	Reg. 39827527.0 (Germany)

**Exhibit A to Collateral Assignment and Security Agreement  
of ADLT's Schedule of Marks (Cont'd)**

<b>REGISTERED OWNER</b>	<b>MARK</b>	<b>U.S. REGISTRATION NO.</b>
Advanced Lighting Technologies, Inc.	SUNMASTER + PLUS	Reg. 292359 (New Zealand)
Advanced Lighting Technologies, Inc.	SUNMASTER + PLUS	Reg. 193,696 (Norway)
Advanced Lighting Technologies, Inc.	SUNMASTER + PLUS	Reg. 2167004 (U.K.)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 2113517 (U.K.)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 39645981 (Germany)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 2060749 (Spain)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 2112229 (Spain)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 96648591 (France)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 4124101 (Japan)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 826490 (Canada)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 720076 (Australia)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 268474 (New Zealand)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 268475 (New Zealand)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 268476 (New Zealand)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 47035 (Korea)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 1201370 (China)

REGISTERED OWNER	MARK	U.S. REGISTRATION NO.
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 210724 (Finland)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 329,697 (Sweden)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. 189,361 (Norway)
Advanced Lighting Technologies, Inc.	Triangle Design	Reg. VR02.666 1997 (Denmark)
Advanced Lighting Technologies, Inc.	UV GUARD	Reg. 397 19 957 (Germany)
Advanced Lighting Technologies, Inc.	UV GUARD	Reg. 2097866 (Spain)
Advanced Lighting Technologies, Inc.	UV GUARD	Reg. 97/676,443 (France)
Advanced Lighting Technologies, Inc.	UV GUARD	Reg. 210,835 (Finland)
Advanced Lighting Technologies, Inc.	UV GUARD	Reg. VR02.664 1997 (Denmark)