PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Tryggvi Emilsson	06/18/2009
Nikolaus Voggenauer	06/19/2009

RECEIVING PARTY DATA

Name:	Advanced Lighting Technologies, Inc.	
Street Address:	32000 Aurora Road	
City:	Solon	
State/Country:	ОНЮ	
Postal Code:	44139	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12453066

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: ADV08 1063

NAME OF SUBMITTER: D. Joseph English

Total Attachments: 2

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PATENT REEL: 023104 FRAME: 0838 .H. 640 00

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ASSIGNMENT

(1)	Assignor	(1)	Tryggvi Emilsson
			Nikolaus Voggenauer
	For good and valuable consideration	, suffici	ency and receipt of which is hereby
acknov	vledged by the undersigned(s), the un	dersign	ed agree(s) to assign, and hereby do(es)
	transfer and set over to		
(2)	Insert name of Assignee	(2)	Advanced Lighting Technologies, Inc.
(3)	Insert address of Assignee	(3)	32000 Aurora Road
			Solon, Ohio 44139
and its	successors, legal representatives and	assigns	(hereinafter designated as the Assignee) the
entire i	right, title and interest in the invention	disclo	sed and/or claimed in the United States
applica	ation identified below, as well as all a	pplicati	ons for patent and any Letters Patent which
may be	e granted therefor and therefrom in the	e United	d States of America and all foreign countries,
and in	and to any and all divisions, continua	tions, c	ontinuations-in-part of said applications, or
re-issu	es or extensions of said patents or Let	ters Pat	tent, and all rights under the International
Conve	ntion for the Protection of Industrial I	Property	/:
(4)	Insert Identification of	(4)	APPARATUS AND METHODS OF USE
			OF REFRACTORY ABHESIVES IN
			PROTECTION OF METALLIC FOILS
			AND LEADS
	Invention, such as Title,		
	Docket Number, or Foreign		
	Application Number		
(5)	Insert date of signing of	(5)	
•	application		

DM2\1930387.1

PATENT REEL: 023104 FRAME: 0839

(6)	Alternative identification	(6)	Ap
	for filed applications		Fil

(6)	Application Number: 12/453,066	
	Filed:	April 28, 2009

The undersigned further agree(s) to cooperate with the Assignee in every way possible and to do all affirmative acts, and to execute all papers which counsel for Assignee shall advise are necessary and/or desirable without charge to Assignee in connection with said applications including, without limitation, the execution of separate assignments in connection with such applications, claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to said Assignee, as Assignee of the entire interest, and hereby covenants that he/she has (they have) full right to convey the entire interest herein assigned, and that he/she has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) to D. Joseph English, Reg. No. 42,514; Mark C. Comtois, Reg. No. 46,285; and Patrick D. McPherson, Reg. No. 46,255 the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Signature of Inventor Coppens

RECORDED: 08/17/2009