504138914 12/09/2016 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4178758

SUBMISSION TYPE:		NEW ASSIGNME	NT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY D	ΑΤΑ					
		Name		Execution Date		
TIMOTHY CLOVESKO				08/05/2004		
JULIAN NORLEY		07/28/2004				
MARTIN SMALC			08/04/2004			
JOSEPH PAUL CAPP				07/28/2004		
RECEIVING PARTY DA	TA					
Name:	ADVANC	E ENERGY TECHNO	_OGY INC.			
Street Address:	12900 SN	JOW RD				
City:	PARMA					
State/Country:	оню					
Postal Code:	44131					
PROPERTY NUMBERS Property Type		Number]		
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Application Number:	10)844537				
Application Number: CORRESPONDENCE D)844537				
CORRESPONDENCE D Fax Number:	ΑΤΑ					
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PATENT REEL: 040700 FRAME: 0751

FORM PTO-1595 (Rev. 03/01) $4 23 04$ $08-25$ OMB No. 0651-0027 (exp. 5/31/2002)	Patent and Trademark Office		
To the Honorable Commissioner of Patents and Trademarks	s: Please record the attached original documents or copy thereof.		
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)		
Timothy Clovesko Julian Norley Martin David Smalc Joseph Paul Capp	Name: Advanced Energy Technology Inc. Internal Address		
Additional name(s) of conveying party(ies) attached? No	City: Parma ST: OH ZIP 44130		
3. Nature of conveyance:	Additional name(s) & address(es) attached?		
Assignment			
Execution Date: August 5, 2004			
4. Application number(s) or patent number(s):			
A. Patent Application No.(s): 10/844,537 Additional number	B. Patent No.(s): s attached? 🗇 Yes 🗗 No		
concerning document should be mailed:	6. Total number of applications and patents involved: 1		
Name: WADDEY & PATTERSON	7. Total fee (37 CFR 3.41): \$40.00		
Internal Address: BANK OF AMERICA PLAZA	7. Total fee (37 CFR 3.41): \$40.00		
SUITE 2020	The fee is enclosed.		
Street Address: 414 UNION STREET			
City: NASHVILLE State: TN Zip: 37219	8. Deposit account number:		
Customer No. 23456	23-0035		
	(Attach duplicate copy of this page if paying by deposit account.)		
9. Statement and signature.	ISE THIS SPACE		
James R. Cartiglia, Reg. No. 30,738	8/19/0×		
Name of Person Signing Signature	Date Date		
Total number of pages including co	over sheet, attachments, and document: 6		
Mail dozuments to be recorded u	vith required cover sheet information to:		
Commissioner of Patents, Mail S	Stop Assignment Recordation Services D. Box 1450		
/24/2004 ECUURER 00000160 230035 1084453/ Alexandria	a, VA 22313-1450		
FC:8021 40.00 DA			
	PATENT REEL: 0407200 FRANCE: 09092		

ASSIGNMENT

In consideration of the payment of one (\$1.00) dollar, and for other good and valuable consideration, the receipt of which is hereby acknowledged, Timothy Clovesko, Julian Norley, Martin David Smalc, Joseph Paul Capp, ("Assignors") assign to Advanced Energy Technology Inc. of Wilmington, Delaware ("Assignee") their entire right, title, and interest in and to an invention entitled "HEAT SPREADER FOR EMISSIVE DISPLAY DEVICE" (the "Invention"), and in any and all patents, reissue patents, certificates of inventorship, design registrations, utility models, and the like, that may be granted in the U.S. or in any foreign country with respect to the Invention and improvements thereto, and in any application, including continuations, continuations-in-part, or divisions, that may be filed with respect to the Invention or improvements thereto, including pending U.S. Patent Application Serial Number 10/844,537, filed May 12, 2004.

Assignors will, without additional charge to Assignee but at Assignee's expense, cooperate with and assist Assignee such that Assignee may realize and fully enjoy all the rights assigned hereunder, including the preparation and execution of all papers needed by Assignee, and providing such information and assistance as may reasonably be required by Assignee in any administrative or legal proceeding to obtain or protect such rights.

> ₽₽₳₸₽₽₩₸ ₽₹₽₽₽::00467₽30 FFRAME::09159

Assignors represent and warrant that they have not publicly used or disclosed the Invention, and that they have not previously sold or offered to sell the Invention.

Assignors represent and warrant that they have not transferred, licensed, and/or assigned any interest in the Invention to anyone other than Assignee, and that they have not entered into any contract, assignment, or license conveying any right granted to Assignee hereunder, or that would otherwise conflict with this Assignment.

This Assignment and each of its terms shall be binding on each Assignor, his representatives, heirs and assigns, and shall inure to the benefit of Assignee, its successors, and assigns.

Timath Clouesko

STATE OF <u>Ohio</u> COUNTY OF <u>CUYALOGA</u>

8/5/04 Date

Before me, TIMOHUCIOVESKO, a Notary Public of the state and county aforesaid, personally appeared Timothy Clovesko, with whom I am personally acquainted, or proved to me on the basis of satisfactory evidence, and who upon oath, acknowledged himself to be the within named joint Assignor, and that he executed the foregoing instrument for the purposes therein contained.

This <u>5-th</u> day of <u>A</u>	
	Hill Hoffman Notary Public
My commission expires:	August 9, 2004

LORI B. HOFFMAN Notary Public, State of Ohio, Cuy. Cty. My Commission Expires Aug. 9, 2004

Julian Norlev



STATE OF	Ohio	_
COUNTY OF	Cunahraa	

Before me, <u>Thre</u> <u>Kelly Edler</u>, a Notary Public of the state and county aforesaid, personally appeared Julian Norley, with whom I am personally acquainted, or proved to me on the basis of satisfactory evidence, and who upon oath, acknowledged himself to be the within named joint Assignor, and that he executed the foregoing instrument for the purposes therein contained.

This day of	/ , 2004.	
	Same Kelly	Edle
	Notary Public	Jane K
My commission expires: Fel	bruary 4, 2008	Notar State

elly Edler v Public State of Ohio My Comm. Exp. 2-4-2008

Martin David Small

A14/2004

Martin David Smalc

Date

STATE OF Ohio

COUNTY OF <u>Cuyahoga</u> Before me, <u>Jane Kelly Edler</u>, a Notary Public of the state and county aforesaid, personally appeared Martin David Smalc, with whom I am personally acquainted, or proved to me on the basis of satisfactory evidence, and who upon oath, acknowledged himself to be the within named joint Assignor, and that he executed the foregoing instrument for the purposes therein contained.

This _____ day of <u>August</u>, 2004. : Calle-Motary Public 2 Jane Kelly Edler My commission expires: February 4, 2008 Notary Public State of Ohio My Comm. Exp. 2-4-2008

REEL: 0167276FR MF=: 00/12

Joseph Paul Capp

7/28/04

STATE OF <u>Ohjo</u> COUNTY OF <u>ayahoga</u>

Before me, <u>Jane Kelly Edler</u>, a Notary Public of the state and county aforesaid, personally appeared Joseph Paul Capp, with whom I am personally acquainted, or proved to me on the basis of satisfactory evidence, and who upon oath, acknowledged himself to be the within named joint Assignor, and that he executed the foregoing instrument for the purposes therein contained.

This _<u>28</u> day of <u>July</u>, 2004. My commission expires: February 4, 2008

Jane Kelly Edler Notary Public State of Ohio