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FORM PTO-1595 (Rev. 10/02) OMD No. 0651-0011 (exp. 6/30/2005)		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office			
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To the Honorable Commissioner of Patents and Tradema	24254 arks. Pleas	original documents or copy thereof.			
Name of conveying party(ies):		2. Name and address of receiving party(ies):			
Justin Mauck; Steve Dillon	7	Name: Advanced Energy Industries			
4-11-0	>	Advanced Energy Industries			
Additional name(s) of conveying party(ies) attache	43	Internal Address:			
No Yes	u:	Street Address 1(25 St D.: 4 D.:			
3. Nature of Conveyance:		Street Address: 1625 Sharp Point Drive			
Assignment Merger					
Security Agreement Change of Name		City: Fort Collins State: CO ZIP: 80525			
Other		Country: USA			
Execution Date: 4/10/03		Additional name(s)& address(es) attached? 🛛 No 📙 Yes			
4. Application number(s) or patent number(s): If this document is being filed together with a ne	w applica				
A. Patent Application No.(s)		B. Patent No.(s)			
(' () '	mbers att	ached? [] No [] Yes			
5. Name and address of party to whom correspondence concerning document should be mailed:	dence	6. Total number of applications and patents involved: 1			
Name: Blakely, Sokoloff, Taylor & Zafman LL	P	7. Total Fee (37 CFR 3.41)\$ 40.00			
Internal Address:	☐ Enclosed				
		Authorized to be charged to deposit account			
Street Address: 12400 Wilshire Boulevard 7th Floor		8. Deposit Account Number:			
		02-2666			
City: Los Angeles State: CA ZIP:	90025	(Attach duplicate copy of this page if paying by deposit account)			
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9. Statement and signature. To the best of my knowledge and belief the foregoing	i is true ani	d correct and any attached copy is a true copy of the original documen			
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Gordon R. Lindeen III Name of Person Signing	- To	Signature Date			
	ng cover s	sheet, attachments, and document: 3			
Mail documents to be re	ooordod	with required cover sheet information to:			

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Assistant Commissioner of Patents, Box Assignments
Washington, D.C. 20231

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Docket No. 2213P021

Attorney's Docket No.: 2213P021

ASSIGNMENT

PATENT

(For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, <u>Justin Mauck and Steve Dillon</u>, hereby sell, assign, and transfer to <u>Advanced Energy Industries</u>. Inc. a corporation of <u>Delaware</u>, having a principal place of business at <u>1625 Sharp Point Drive</u>, Fort Collins, Colorado 80525, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled

EXPLOSION WELDED DESIGN FOR COOLING COMPONENTS

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Docket No.: 2213P021

Express Mail No.: EV 195483961 US - 1 -

Rev. 01/01/2000 (A1)

PATENT REEL: 013969 FRAME: 0241

Each Inventor: Please Sign	a and Date Below:
	1.1.1
April 10 , 20 03	Name: Justin Mauck
APRIL 10, 20 03 Date	Name: Steve Dillon

Each Inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:

APRIL 10,2003 Date

State of:		}	<u>Assignment Docu</u>	<u>iment Return Address</u> :	
		} SS. :	BLAKELY, SOK	OLOFF, TAYLOR & ZAFMAN I	LLP
County of:		}}	12400 Wilshire B	Ilvd., Seventh Floor	
_			Los Angeles, CA	90025-1026	
			(303) 740-1980		
On this	day of	20	, before me, _		
the undersig	gned Notary Public	personally ap	peared		
				of satisfactory evidence to be the p and acknowledged that	
executed it.					
WITNESS:	my hand and offici	al seal.			
Not	tary's Signature				

Docket No.: 2213P021

Express Mail No.: EV 195483961 US

- 2 -

Rev. 01/01/2000 (A1)

PATENT REEL: 013969 FRAME: 0242