

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Alexei Smirnov	05/28/2009
RECEIVING PARTY DATA	
Name:	Advanced Energy Industries, Inc.
Street Address:	1625 Sharp Point Drive
City:	Fort Collins
State/Country:	COLORADO
Postal Code:	80525
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12494970
CORRESPONDENCE DATA	
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Correspondent Name:	Neugeboren O'Dowd, PC
Address Line 1:	1227 Spruce Street
Address Line 2:	Suite 200
Address Line 4:	Boulder, COLORADO 80302
ATTORNEY DOCKET NUMBER:	AE2008.022US
NAME OF SUBMITTER:	Sean O'Dowd
Total Attachments: 1 source=Assignment_Signed#page1.tif	

OP \$40.00 12494970

501011803

PATENT
REEL: 023499 FRAME: 0125

ASSIGNMENT OF PATENT APPLICATION

FOR GOOD AND VALUABLE CONSIDERATION,

I, the undersigned, hereby agree to assign for good and valuable consideration, receipt of which is hereby expressly acknowledged, and do hereby sell, assign and transfer unto

Advanced Energy Industries, Inc.

a corporation organized under the laws of the state of Delaware as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to

Thermal Flow Sensor with Zero Drift Compensation

described in an application for Letters Patent of the United States, identified as Attorney Docket No. AE2008.022, at Neugeboren O'Dowd PC, 1227 Spruce Street, Suite 200, Boulder, CO 80302 and filed on _____, as Application Serial No. _____, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. I request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

I agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

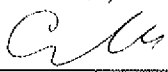
I authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

I hereby authorize Shane Percival, attorney for Assignee, to insert the filing date and Serial number into the first paragraph of this assignment, after the application for Letters Patent has been filed, and the U.S. Patent Office has assigned such application a Serial Number.

I covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.

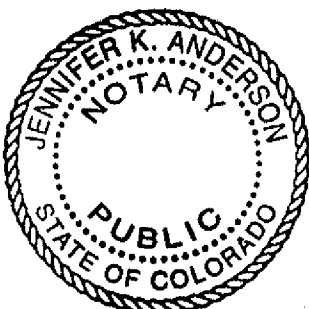

Inventor's Signature

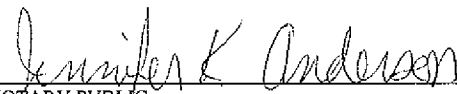
05/28/09
DATE

Alexei Smirnov
Inventor's Printed Name

STATE OF _____)
COUNTY OF _____) SS

On this 28 day of May, 2009, before me personally came the above named Alexei Smirnov who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.




NOTARY PUBLIC
My Commission Expires: 9-23-2009

My Commission Expires 09/23/2009