

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Michael Ropp	05/06/2011
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:	13103721
CORRESPONDENCE DATA	
Fax Number:	(206)359-7198
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	206-359-3744
Email:	patentprocurement@perkinscoie.com
Correspondent Name:	PERKINS COIE LLP PATENT-SEA
Address Line 1:	P.O. BOX 1247
Address Line 4:	SEATTLE, WASHINGTON 98111-1247
ATTORNEY DOCKET NUMBER:	65564-8026.US02
NAME OF SUBMITTER:	Sandy Reisman
Total Attachments: 2 source=2011-05-09-Assignment-65564-8026US2#page1.tif source=2011-05-09-Assignment-65564-8026US2#page2.tif	

OP \$40.00 13103721

ASSIGNMENT BY INVENTOR

This Assignment is by Michael Ropp (the "Assignor"), residing at 2309 42nd Street, Brookings, South Dakota 57006-6209. The Assignor has invented one or more certain inventions (the "Invention(s)") described in a Patent application for Letters Patent of the United States entitled SYSTEMS AND METHODS FOR ISLANDING DETECTION (the "Application"), executed concurrently herewith and naming the Assignor as inventor. The Assignor authorizes the Assignee, identified below, or its representatives to insert the application number of the Application _____ when known.

Advanced Energy Industries, Inc., a Corporation of Delaware having its principal place of business at 1625 Sharp Point Drive, Fort Collins, Colorado 80525 ("Assignee"), desires to acquire the entire right, title and interest in and to the Invention(s) and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries.

For valuable consideration, the receipt and sufficiency of which Assignor acknowledges, Assignor hereby sells, assigns, and transfers to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to: the Invention(s), the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application and any other application claiming priority rights from the Application; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights"). Assignor warrants that Assignor owns the Rights, and that the Rights are unencumbered. Assignor also agrees to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deems necessary or desirable to: perfect Assignee's enjoyment of the Rights; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignor requests the Commissioner of Patents to issue any Patent of the United States that may be issued on the Invention(s) to Assignee.

Michael E. Ropp
Michael Ropp

Date: 05.06.2011

United States of America)
State of South Dakota ss.:
County of Brookings)

On this _____ day of _____, before me personally came Michael Ropp, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public