

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
James PROFFITT	04/24/2013
RECEIVING PARTY DATA	
Name:	Adaptive I/O Technologies, Inc.
Street Address:	11815 Fountain Way, Suite 300
City:	Newport News
State/Country:	VIRGINIA
Postal Code:	23606
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13870671
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	23842.0101
NAME OF SUBMITTER:	Cindy Sylvester, Paralegal
Signature:	/Cindy Sylvester/
Date:	04/26/2013
Total Attachments: 2 source=20130425_Assignment_23842_0101#page1.tif source=20130425_Assignment_23842_0101#page2.tif	

CH \$40.00 13870671

## ASSIGNMENT

WHEREAS, I, **James Proffitt** ("ASSIGNOR"), a citizen of the United States, whose mailing address is 164 Normandy Lane, Newport News, Virginia 23606, have invented certain new and useful improvements disclosed and/or claimed in a patent application entitled: **DIODE ENHANCED AMPLIFIER CIRCUITS AND METHODS THEREOF** ("Application").

I hereby authorize the legal representatives for **Adaptive I/O Technologies, Inc.**, of LeClairRyan, a Professional Corporation, 70 Linden Oaks, Suite 210, Rochester, New York 14625, who are associated with customer number 11951, to insert here in parenthesis (U.S. Appl. No. 13/870,671, filed on April 25, 2013) the Application's U.S. application number and filing date when known;

AND WHEREAS, **Adaptive I/O Technologies, Inc.**, with its principal place of business at 11815 Fountain Way, Suite 300, Newport News, Virginia 23606, desires to acquire the entire right, title and interest in and to the said improvements and the Application:

NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, I, the said inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **Adaptive I/O Technologies, Inc.**, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in, to and under the said improvements, and the Application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said **Adaptive I/O Technologies, Inc.**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I will communicate to the said **Adaptive I/O Technologies, Inc.**, its successors, legal representatives and assigns, any facts known to me respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said **Adaptive I/O Technologies, Inc.**, its successors,

legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 24 day of April, 2013.

James Proffitt  
James Proffitt

STATE OF Virginia  
COUNTY OF Newport News SS:  
CITY

This 24<sup>th</sup> day of April, 2013, before me personally came the above-named **James Proffitt**, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

Mildred Faye Lee City of Newport News  
Notary Public  
Commission expires on 2/28/2015

