

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Eric W. McFarland	01/18/2002
RECEIVING PARTY DATA	
Name:	Adrena, Inc.
Street Address:	6187 Carpinteria Avenue, Suite 300
City:	Carpinteria
State/Country:	CALIFORNIA
Postal Code:	93014
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10750015
CORRESPONDENCE DATA	
Fax Number:	(214)739-8284
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	2147390088
Email:	mike@oneilplaw.com
Correspondent Name:	Michael A. O'Neil
Address Line 1:	5949 Sherry Lane, Suite 820
Address Line 4:	Dallas, TEXAS 75225
ATTORNEY DOCKET NUMBER:	500451-1005
NAME OF SUBMITTER:	Michael A. O'Neil
Total Attachments: 2	
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ASSIGNMENT

WHEREAS, I, Eric W. McFarland, citizen of the United States of America and resident of Santa Barbara, California, has invented certain new and useful improvements in a "AN APPARATUS AND METHOD FOR PHOTOVOLTAIC ENERGY PRODUCTION BASED ON INTERNAL CHARGE EMISSION IN A SOLID-STATE HETEROSTRUCTURE" for which I am about to make application for United States Letters Patent, the said application having been executed on 1-18-02, and;

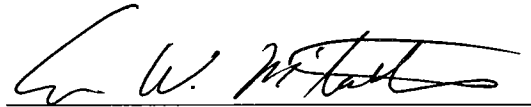
WHEREAS, Adrena, Inc., a corporation of the State of California, whose mailing address is 1250 Coast Village Road, Suite K, Santa Barbara, California 93108 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring my entire right, title and interest in and to the invention, and to the application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, the full and exclusive right, title and interest in and to the invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for the invention, or patents resulting therefrom, insofar as my interest is concerned, to the said ASSIGNEE of my entire right, title and interest.

I also hereby sell and assign to said ASSIGNEE., its successors, assigns, and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

I hereby further agree that I will communicate to said ASSIGNEE, or to its successors, assigns, and legal representatives, any facts known to me respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper patent protection for the invention in all countries.


Executed this 18th day of January, 2002


Eric W. McFarland

STATE OF CALIFORNIA §
COUNTY OF Santa Barbara §

On this 18 day of January, 2002, before me, a Notary Public in and for the State and Country aforesaid, personally appeared Eric W. McFarland, known by me to be the person *by ID* of the above name who signed and sealed the foregoing instrument, and acknowledged the same to be his own free act and deed.




Notary Public, State of ~~Texas~~
California

My Commission Expires: Oct. 4, 2005