

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Curtis A Birnbach | 05/18/2010 |
| RECEIVING PARTY DATA | |
| Name: | Advanced Fusion Systems, LLC |
| Street Address: | 16 Midchester Ave. #301 |
| City: | White Plains |
| State/Country: | NEW YORK |
| Postal Code: | 10606 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 12725304 |
| CORRESPONDENCE DATA | |
| Fax Number: | (212)943-1238 |
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| Correspondent Name: | Charles E. Bruzga |
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| ATTORNEY DOCKET NUMBER: | 2944 |
| NAME OF SUBMITTER: | Charles E. Bruzga |
| Total Attachments: 1 source=2944Assignment#page1.tif | |

OP \$40.00 12725304

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PATENT
REEL: 024406 FRAME: 0728

ASSIGNMENT OF U.S. PATENT APPLICATION

WHEREAS ASSIGNOR, comprising the sole or joint inventors named below, have invented and own the INVENTION entitled "Method and Apparatus for Protecting Power Systems from Extraordinary Electromagnetic Pulses" and disclosed in U.S. application Serial No. 12/725,304, filed on 3/16/2010; and

WHEREAS ASSIGNEE, Advanced Fusion Systems LLC, a corporation organized under the laws of the State of New York, with an address at Address: 16 Midchester Ave., #301, White Plains, NY 10606, is desirous of acquiring the entire interest in said INVENTION;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the sum of Ten Dollars (\$10.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its successors and assigns, the entire right, title and interest in and to the said INVENTION, as described in the above-identified application, and any and all applications for patent and patents therefore in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said United States application;

ASSIGNOR authorizes and requests any official whose duty it is to issue patents, to issue any patent on said application or resulting therefrom to said ASSIGNEE, or its successors or assigns, and agrees than on request and without further consideration, but at the expense of said ASSIGNEE, to communicate to said ASSIGNEE or its representatives or nominees any facts known to ASSIGNOR respecting said INVENTION, 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 said ASSIGNEE, its successors, assigns, and nominees, to obtain and enforce patent protection for said INVENTION in all countries.

IN WITNESS WHEREOF, each of the sole or joint inventors, comprising ASSIGNOR, executes this Assignment by signing and dating below his or her typed name and address.

FIRST OR SOLE INVENTOR

Curtis A. Birnbach residing at 461 Pinebrook Blvd.,
New Rochelle, NY 10804

Signature

Date

State of New York
County of New York

This 18th day of May, 2010, before me personally came the above-named inventor, to me personally known as the individual who executed the foregoing assignment, who acknowledged the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

My commission expires March 17 2010

