

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>California Institute of Technology</td><td>12/02/2010</td></tr></tbody></table>	Name	Execution Date	California Institute of Technology	12/02/2010									
Name	Execution Date												
California Institute of Technology	12/02/2010												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>National Science Foundation</td></tr><tr><td>Street Address:</td><td>4201 Wilson Blvd</td></tr><tr><td>Internal Address:</td><td>Room 1265</td></tr><tr><td>City:</td><td>Arlington</td></tr><tr><td>State/Country:</td><td>VIRGINIA</td></tr><tr><td>Postal Code:</td><td>22230</td></tr></table>	Name:	National Science Foundation	Street Address:	4201 Wilson Blvd	Internal Address:	Room 1265	City:	Arlington	State/Country:	VIRGINIA	Postal Code:	22230	
Name:	National Science Foundation												
Street Address:	4201 Wilson Blvd												
Internal Address:	Room 1265												
City:	Arlington												
State/Country:	VIRGINIA												
Postal Code:	22230												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12845785</td></tr></tbody></table>	Property Type	Number	Application Number:	12845785									
Property Type	Number												
Application Number:	12845785												
CORRESPONDENCE DATA													
Fax Number: (703)292-9041 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Email: nsfpatents@nsf.gov													
Correspondent Name: National Science Foundation													
Address Line 1: 4201 Wilson Blvd													
Address Line 2: Room 1265													
Address Line 4: Arlington, VIRGINIA 22230													
NAME OF SUBMITTER:	Robin Clay												
Total Attachments: 1 source=402#page1.tif													

License to the United States Government

Invention Title: Switched Ferroelectric Plasma Ionizer

Inventors: Evan Neidholdt; Jesse L. Beauchamp

Patent Application Serial No: 12/845,785

US Filing/Issue Date: 7/29/2010

Grant/Contract Identification No: CHE0416381

Foreign Applications filed/intended in (countries):

The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14 or FAR 52.227-11, which are included among the terms of the above-identified grant/contract award from the National Science Foundation. This document is confirmatory of:

1. The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any patent application and in any and all divisions, continuations, and continuations in part, and in any and all patent and re-issues granted thereon throughout the world; and
2. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations which are applicable to the award.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

California Institute of Technology
1200 E. California Boulevard
Pasadena, California 91125

Dated: December 2, 2010



Fred Farina, Asst VP for Tech Transfer

CIT File No: 5418