

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Keyue Smedley</td> <td>02/03/2011</td> </tr> <tr> <td>Frank Wessel</td> <td>03/17/2011</td> </tr> <tr> <td>Mingying Gu</td> <td>03/17/2011</td> </tr> <tr> <td>In Wha Jeong</td> <td>03/17/2011</td> </tr> </tbody> </table>		Name	Execution Date	Keyue Smedley	02/03/2011	Frank Wessel	03/17/2011	Mingying Gu	03/17/2011	In Wha Jeong	03/17/2011
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Keyue Smedley	02/03/2011										
Frank Wessel	03/17/2011										
Mingying Gu	03/17/2011										
In Wha Jeong	03/17/2011										
RECEIVING PARTY DATA											
Name:	Regents of the University of California										
Street Address:	1111 Franklin Street										
Internal Address:	12th Floor										
City:	Oakland										
State/Country:	CALIFORNIA										
Postal Code:	94607										
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>13001589</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13001589						
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Application Number:	13001589										
CORRESPONDENCE DATA											
Fax Number:	(949)567-6710										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	703538.4205										
NAME OF SUBMITTER:	Kenneth S. Roberts										

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PATENT
REEL: 025991 FRAME: 0856

Total Attachments: 5

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ASSIGNMENT OF PATENT APPLICATION

WHEREAS, WE, **Keyue Smedley**, a citizen of the United States, **Frank Wessel**, a citizen of the United States, **Gu Mingying**, a citizen of the United States, and **In Wha Jeong**, a citizen of the United States (hereinafter referred to as "ASSIGNORS"), have invented a certain invention entitled **CIRCUIT FOR DIRECT ENERGY EXTRACTION FROM A CHARGED-PARTICLE BEAM**, for which an application was filed on December 27, 2010 with the U.S. Patent and Trademark Office and assigned Application Serial No. 13/001589, which claimed priority to PCT Application Serial No. US2009/049108 filed June 29, 2009, which claimed priority to Provisional Application Serial No. 61/076535 filed June 27, 2008; and

WHEREAS, The REGENTS OF THE UNIVERSITY OF CALIFORNIA, a corporation organized and existing under and by virtue of the laws of the State of **California** and having its place of business at **1111 Franklin Street, 5th Floor, Oakland, California 94607** (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

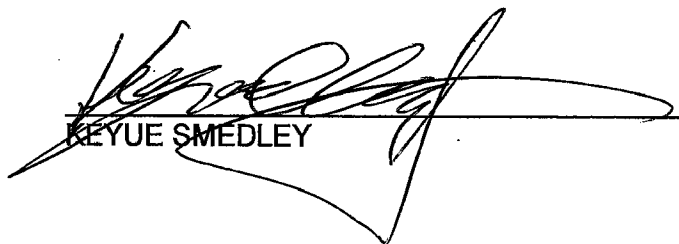
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and

ASSIGNORS hereby authorize and request the United States Commissioner of Patents and Trademarks and any officials of foreign countries whose duty it is to issue patents or any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

WITNESS my hand at Irvine, California, this 3 day of Feb, 2011.


KEYUE SMEDLEY

WITNESS my hand at Irvine, California, this _____ day of _____, 2011.

FRANK WESSEL

ASSIGNORS hereby authorize and request the United States Commissioner of Patents and Trademarks and any officials of foreign countries whose duty it is to issue patents or any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

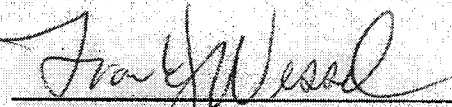
ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement;

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WITNESS my hand at Irvine, California, this _____ day of _____, 2011.

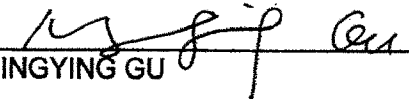
KEYUE SMEDLEY

WITNESS my hand at Irvine, California, this 17 day of March, 2011.



FRANK WESSEL

WITNESS my hand at Irvine, California, this ~~wednes~~ day of 3/17, 2011.



MINGYING GU

WITNESS my hand at Irvine, California, this _____ day of _____, 2011.

IN WHA JEONG

WITNESS my hand at Irvine, California, this _____ day of _____, 2011.

GU MINGYING

WITNESS my hand at Irvine, California, this 17th day of March, 2011.

+ Jeong

IN WHA JEONG