

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT													
NATURE OF CONVEYANCE:	ASSIGNMENT													
CONVEYING PARTY DATA														
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kevin R. Coffey</td> <td>02/27/2009</td> </tr> <tr> <td>Edward Dein</td> <td>02/25/2009</td> </tr> <tr> <td>Bo Yao</td> <td>02/27/2009</td> </tr> </tbody> </table>			Name	Execution Date	Kevin R. Coffey	02/27/2009	Edward Dein	02/25/2009	Bo Yao	02/27/2009				
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>UNIVERSITY OF CENTRAL FLORIDA RESEARCH FOUNDATION, INC.</td> </tr> <tr> <td>Street Address:</td> <td>12201 RESEARCH PARKWAY</td> </tr> <tr> <td>Internal Address:</td> <td>SUITE 501</td> </tr> <tr> <td>City:</td> <td>ORLANDO</td> </tr> <tr> <td>State/Country:</td> <td>FLORIDA</td> </tr> <tr> <td>Postal Code:</td> <td>32826</td> </tr> </table>			Name:	UNIVERSITY OF CENTRAL FLORIDA RESEARCH FOUNDATION, INC.	Street Address:	12201 RESEARCH PARKWAY	Internal Address:	SUITE 501	City:	ORLANDO	State/Country:	FLORIDA	Postal Code:	32826
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CORRESPONDENCE DATA														
<p>Fax Number: (866)446-2118</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: jana.seidl@patentsondemand.com</p> <p>Correspondent Name: Patents on Demand, P.A. - UCF</p> <p>Address Line 1: 4581 Weston Road #345</p> <p>Address Line 4: Weston, FLORIDA 33331</p>														
NAME OF SUBMITTER:	Neil R. Jetter													
<p>Total Attachments: 5</p> <p>source=UCF-7480_AssignmentSigned#page1.tif</p> <p>source=UCF-7480_AssignmentSigned#page2.tif</p> <p>source=UCF-7480_AssignmentSigned#page3.tif</p> <p>source=UCF-7480_AssignmentSigned#page4.tif</p>														

CH \$40.00 12398228

**500798057**

**PATENT**  
**REEL: 022348 FRAME: 0133**



**ASSIGNMENT**

I, Kevin R. Coffey, a citizen of the United States of America, residing at 2364 Foilage Oak Terrace, Oviedo, FL, 32766; and

I, Edward Dein, a citizen of the United States of America, residing at 318 Mississippi Avenue, Saint Cloud, FL 34769; and

I, Bo Yao, a citizen of People's Republic of China, residing at 3803 Khayyam Avenue, Orlando, FL 32826.

and each of us, if more than one person is identified above (hereinafter "ASSIGNOR") in consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNOR by

University of Central Florida Research Foundation, Inc.

a College organized under the laws of Florida, located at 12201 Research Parkway, Suite 501, Orlando, Florida 32826-3246 (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, **throughout the world** in and to our Invention entitled:

**IGNITABLE HETEROGENEOUS STRUCTURES AND METHODS FOR FORMING**

invented by us and described in the Patent Application entitled above, and all patents, divisions, reissues, continuations and any extensions thereof and rights of priority therein, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made;

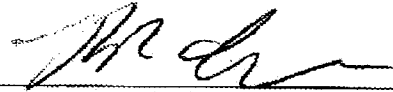
And for the consideration aforesaid, we hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an

amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, we will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and we hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And we hereby authorize and request the Commissioner of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

We declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.



Kevin R. Coffey, Inventor

Date:

2/27/2009

United States of America )  
State of \_\_\_\_\_ ) ss.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me  
personally came Kevin R. Coffey, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Edward Dein, Inventor

Date: \_\_\_\_\_

United States of America )  
State of \_\_\_\_\_ ) ss.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me  
personally came Edward Dein, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

\_\_\_\_\_  
Notary Public

Kevin R. Coffey, Inventor

Date: \_\_\_\_\_

United States of America )  
State of \_\_\_\_\_ ) ss.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me personally came Kevin R. Coffey, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

**Notary Public**

Edward Dein  
Edward Dein, Inventor

Date: FEB 25, 2009

United States of America )  
State of \_\_\_\_\_ ) ss.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, before me personally came \_\_\_\_\_ Edward Dein \_\_\_\_\_, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

**Notary Public**

FROM : M. C. F. (U. C. F. /CIRENT)

PHONE NO. : 407 882 1502

Feb. 27 2009 03:59PM P4

Attorney Docket No.: UCF-7480

Bo Yao  
Bo Yao, Inventor

Date: 02/27/2009

United States of America )

State of

Florida

) ss.:

768-36-7947

County of

Orange

On this \_\_\_\_\_ day of \_\_\_\_\_, before me  
personally came Bo Yao, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

\_\_\_\_\_  
Notary Public