

04-10-2007

FORM PTO-1595
1-31-92



103392941

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
Docket No.: 2044323-5009US

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>Cynthia E. KEPPEL Richard A. BRITTEN Vahagn R. NAZARYAN</p> <p>Additional names of conveying party(ies) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p> <p>3. Nature of Conveyance</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Dates: March 27, 2007</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: Hampton University</p> <p>Internal Address:</p> <p>Street Address: Administration Building 100 East Queen Street</p> <p>City: Hampton</p> <p>State or Country: Virginia</p> <p>Zip: 23668</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p>
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4. Application number(s) or patent number(s):

Title: **HADRON TREATMENT PLANNING WITH ADEQUATE BIOLOGICAL WEIGHTING**

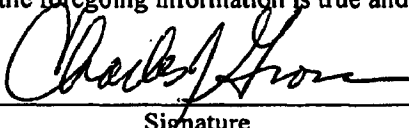
If this document is being filed together with a new application, the execution date of the application is

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Charles J. Gross, Reg. No. 52,972 McGuireWoods LLP 1750 Tysons Boulevard, Suite 1800 McLean, Virginia 22102</p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41): \$40.00</p> <p><input type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Total fee due <input checked="" type="checkbox"/> Any deficiencies in the enclosed fees <input checked="" type="checkbox"/> Charge Payment by Credit Card - Form 2038</p> <p>8. Deposit account number: 23-1951</p>
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9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Charles J. Gross, Reg. No. 52,972
Name of Person Signing


Signature

03/28/2007 JADD01 00000043 11727584
RE. FR. 0021 March 27, 2007 40.00 00
Date

ASSIGNMENT

WHEREAS, we, Cynthia E. KEPPEL, being a citizen of the United States of America, having an address at 1372 Emory Place, Norfolk, VA 23509, and Richard A. BRITTEN, being a citizen of The United Kingdom, having an address at 209 Timber Ridge Road, Chesapeake, VA 23322, and Vahagn R. NAZARYAN, being a citizen of the Republic of Armenia, having an address at 307 Windy Ridge Lane, Newport News, VA 23602, have made new and useful processes, machines, articles of manufacture, compositions of matter and/or improvements in **HADRON TREATMENT PLANNING WITH ADEQUATE BIOLOGICAL WEIGHTING**, for which we made an application for Letters Patent of the United States, said application being filed on even date herewith.

WHEREAS, HAMPTON UNIVERSITY, having a place of business at Office of the General Counsel, Administration Building, 100 East Queen Street, Hampton, VA 23668, and who, together with its successors and assigns ("Assignee") is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited.

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said application for Letters Patent of the United States, the inventions and discoveries described therein, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.

2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in our name(s) or in the name of Assignee

or otherwise as Assignee may deem advisable, under the International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance.

5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conception, disclosures, and reduction to practice of said inventions and discoveries; and to testify to the same in any interference, other litigation, or proceeding related thereto.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this th 27 day of March, 2007.

~~_____
Cynthia E. KEPPEL~~

State or Province of Virginia County of City of Hampton

On this 27th day of March, 2007 before me, the undersigned, a Notary Public in and for said County and State, appeared Cynthia E. KEPPEL, known by me, (or proved to me on the basis of satisfactory evidence) to be the person described in and who signed the annexed assignment, and being duly sworn, acknowledged that he executed the same for the purposes and consideration therein expressed.

Seal of the Notary

Given under my hand and seal of office,
[Signature]
Notary Public in and for said County and State
My Commission Expires: 10/31/2009

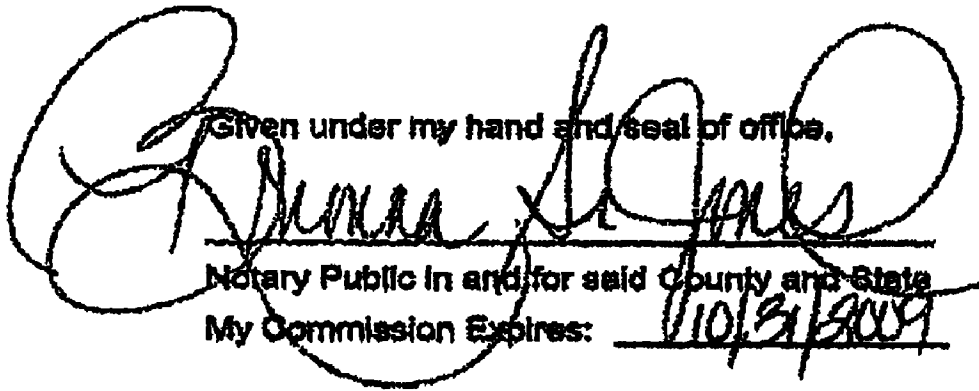
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this th 27 day
of March, 2007.


Richard A. BRITTEN

State or Province of Virginia County/City of Hampton

On this 27th day of March, 2007 before me, the undersigned, a Notary Public in and for said County and State, appeared Richard A. BRITTEN, known by me, (or proved to me on the basis of satisfactory evidence) to be the person described in and who signed the annexed assignment, and being duly sworn, acknowledged that he executed the same for the purposes and consideration therein expressed.

Seal of the Notary

Given under my hand and seal of office.

Notary Public in and for said County and State
My Commission Expires: 10/31/2009

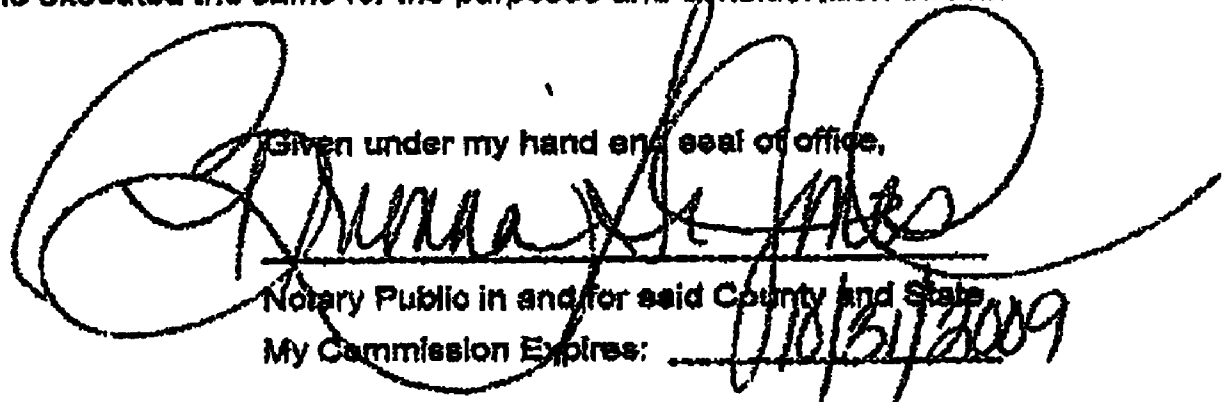
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 27th day of March, 2007.

~~de Susan~~
Vahagn R. NAZARYAN

State or Province of Virginia, County of City Hampton

On this 27th day of March, 2007 before me, the undersigned, a Notary Public in and for said County and State, appeared Vahagn R. NAZARYAN, known by me, (or proved to me on the basis of satisfactory evidence) to be the person described in and who signed the annexed assignment, and being duly sworn, acknowledged that he executed the same for the purposes and consideration therein expressed.

Seal of the Notary

Given under my hand and seal of office,

Notary Public in and for said County and State
My Commission Expires: 11/31/2009

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