

FORM PTO-1595
1-31-92
UPN-3278

06-16-1998



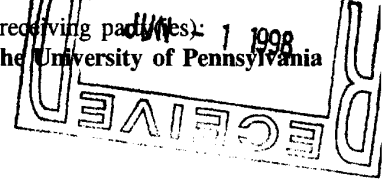
U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To The Honorable Commissioner of Patent.

...ed original documents or copy thereof.

1. Name of conveying party(ies): **MRU-1-98**
Paul Ducheyne
Shulamith Radin
Erick M. Santos

2. Name and address of receiving party(ies): **1 1998**
Name: **The Trustees of the University of Pennsylvania**
Internal Address:



Additional name(s) of conveying party(ies) attached? () YES (X) NO

Street Address: **3700 Market Street**

3. Nature of Conveyance:
 Assignment () Merger
 Security Agreement
 Change of Name
 Other:

City **Philadelphia**

State **PA** ZIP **19104**
Additional name(s) & address attached? () YES (X) NO

Execution Date: **April 12, 1995**

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

08/922,622

Additional numbers attached? () YES (X) NO

5. Name and address of party to whom correspondence concerning documents should be mailed:
Name: **Doreen Yatko Trujillo, Esq.**
Internal Address: **WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP**
One Liberty Place - 46th Floor
Philadelphia, Pennsylvania 19103-7301

6. Total number of applications and patents involved: **One**

7. Total fee (37 CFR 3.41):.....\$40.00
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Street Address: **WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP**
One Liberty Place - 46th Floor
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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.

Doreen Yatko Trujillo / 35,719
Name of Person Signing/Reg. No.

Doreen Yatko Trujillo
Signature

June 3, 1998
Date

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U.S. DEPARTMENT OF COMM
Patent and Trademark
SHEET

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Shulamith Radin
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Doreen Yatko Trujillo / 35,719
Name of Person Signing/Reg. No.

Doreen Yatko Trujillo
Signature

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PATENT
Joint Inventors

DOCKET NO.: UPN-2133

(Pending Application;
Serial No. Known)

A S S I G N M E N T

WHEREAS, we Paul Ducheyne, Shulamith Radin, and Erick Manuel Santos, hereinafter referred to as the assignors, residing respectively at 763 Applegate Lane, Rosemont, PA 19010, 8 Brookview Drive, Voorhees, NJ 08043, and 825 N. 29th Street, Apt. 4D, Philadelphia, PA 19130-1148, are the joint inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Serial No. 08/406,047, filed 3/17/95, entitled INCORPORATION OF BIOLOGICAL MOLECULES INTO BIOACTIVE GLASSES; and

WHEREAS, The Trustees of the University of Pennsylvania, a corporation of Pennsylvania hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as

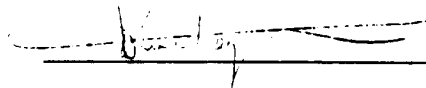
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Joint Inventors

may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

 4/12/35 (L.S.)

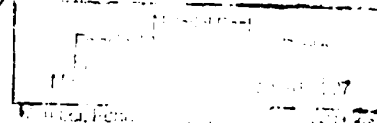
 4/12/35 (L.S.)

 4/12/35 (L.S.)

Pennsylvania :
COUNTY OF Philadelphia: SS

On this 12th day of April, 1995, before
personally came the above named Paul Dubeyne, Shikwith Kelvin, Erick Stribe
me personally known and known to me to be the same individual wh
executed the foregoing assignment, and who acknowledged to me th
execution of the same was of that person's own free will for t
use and purposes therein set forth.

Kelecia Williams
Notary Public



COUNTY OF _____: SS

On this _____ day of _____, 19____, before
personally came the above named _____
me personally known and known to me to be the same individual wh
executed the foregoing assignment, and who acknowledged to me th
execution of the same was of that person's own free will for t
use and purposes therein set forth.

Notary Public

COUNTY OF _____: SS

On this _____ day of _____, 19____, before
personally came the above named _____
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