

PATENT ASSIGNMENT

Electronic Version v1.1
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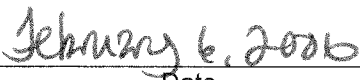
SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT														
NATURE OF CONVEYANCE:	Corrective Assignment to correct the To correct first assignor's name previously recorded on Reel 017539 Frame 0886. Assignor(s) hereby confirms the Assignment.														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Darren J. Hillegonds</td> <td>11/02/2005</td> </tr> <tr> <td>John S. Vogel</td> <td>12/13/2005</td> </tr> <tr> <td>Robert L. Fitzgerald</td> <td>11/09/2005</td> </tr> <tr> <td>Leonard J. Deftos</td> <td>11/10/2005</td> </tr> <tr> <td>David Herold</td> <td>11/08/2005</td> </tr> <tr> <td>Douglas W. Burton</td> <td>02/07/2006</td> </tr> </tbody> </table>		Name	Execution Date	Darren J. Hillegonds	11/02/2005	John S. Vogel	12/13/2005	Robert L. Fitzgerald	11/09/2005	Leonard J. Deftos	11/10/2005	David Herold	11/08/2005	Douglas W. Burton	02/07/2006
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RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>The Regents of the University of California</td> </tr> <tr> <td>Street Address:</td> <td>1111 Franklin Street</td> </tr> <tr> <td>City:</td> <td>Oakland</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94612-3550</td> </tr> </table>		Name:	The Regents of the University of California	Street Address:	1111 Franklin Street	City:	Oakland	State/Country:	CALIFORNIA	Postal Code:	94612-3550				
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CORRESPONDENCE DATA															
<p>Fax Number:</p> <p>Email: yu25@llnl.gov</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Mark H. Lough/LLNS</p> <p>Address Line 1: 7000 East Avenue</p> <p>Address Line 4: Livermore, CALIFORNIA 94551</p>															
ATTORNEY DOCKET NUMBER:	IL-11448														

NAME OF SUBMITTER:

Mark H. Lough

Total Attachments: 11

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Form PTO-1595, 1/31/92		RECORDATION COVER SHEET		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
PATENTS ONLY					
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies):			2. Name and Address of receiving party(ies):		
1. Inventor's Names: David J. Hillegonds John S. Vogel Robert L. Fitzgerald Leonard J. Deftos David Herold			The Regents of the University of California 1111 Franklin Street Oakland, CA 94612-3550		
Attorney Docket No.: IL-11448					
3. Nature of conveyance:					
<input checked="" type="checkbox"/> Assignment		Execution Date:		12/13/2006	
4. Application number(s) or patent number(s): IL-11448					
If this document is being filed together with a new application, the execution date of the application is:		12/13/2006			
A. Patent Application No.(s) 11/283,034 filed 11/17/2005			B. Patent No.(s)		
5. Name and address of party to whom correspondence concerning document should be mailed:			6. Total Number of applications and patents involved: <u>ONE</u>		
Name:	Eddie E. Scott	7. Total fee		\$	40.00
Address:	Lawrence Livermore Nat. Laboratory Intellectual Property Law, L-703	<input type="checkbox"/>	Enclosed		
		<input checked="" type="checkbox"/>	Authorized charge deposit account		
	7000 East Avenue Livermore, CA 94550	8.	Deposit Account number: 12-0695		
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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.					
Kathy Raymond					
Name of Person Signing		Signature		Date	
Total number of pages comprising cover sheet					1

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ASSIGNMENT

LLNL Case No.: IL-11448

For good and valuable consideration the receipt of which is hereby acknowledged ASSIGNOR(s)

1. <u>Darren J. Hillegonds</u>	2. <u>John S. Vogel</u>
3. <u>Robert L. Fitzgerald</u>	4. <u>Leonard J. Deftos</u>
5. <u>David Herold</u>	6. <u>//</u>
7. <u>//</u>	8. <u>//</u>
9. <u>//</u>	10. <u>//</u>

hereby sells, assigns and transfers to ASSIGNEE, the Regents of the University of California, a California Corporation, having its statewide administrative offices located at 1111 Franklin Street, Oakland, California 94607-5200, and the successors, assigns and legal representative of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

DIAGNOSIS AND ASSESSMENT OF SKELETAL RELATED DISEASE USING CALCIUM 41

and which is found in

- ☐ U.S. patent application executed on _____, entitled as above and listing the above named persons as inventors
- ☒ U.S. patent application serial no. 11/283,034, filed on 11/17/2005
- ☐ U. S. patent no. _____, issued _____

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

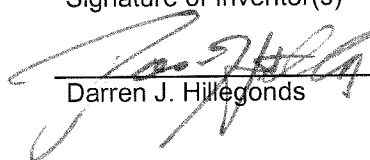
ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating 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 or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, the Regents of the University of California.

executed this

Signature of Inventor(s)

2 Nov 2005
Date



Darren J. Hillegonds

LLNL Case No.: IL-11448

executed this

Dec 13, 2005
Date

Signature of Inventor(s)

John S. Vogel
John S. Vogel

executed this

11/9/05
Date

Signature of Inventor(s)

Robert L. Fitzgerald
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Date

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Leonard J. Deftos

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Date

Signature of Inventor(s)

David Herold

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11-8-05

Date

David Herold

David Herold

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executed this

Signature of Inventor(s)

Date

Previously submitted
Darren J. Hillegonds

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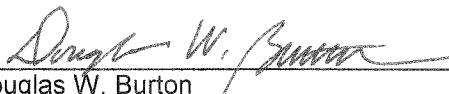
Date

Previously submitted
David Herold

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Signature of Inventor(s)

02/07/06
Date


Douglas W. Burton

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02-10-2006

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103175291

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

1. Name of conveying party(ies):

2. Name and Address of receiving party(ies):

1. Inventor's Names:

David J. Hillegonds
John S. Vogel
Robert L. Fitzgerald
Leonard J. Deftos
David HeroldThe Regents of the University of California
1111 Franklin Street
Oakland, CA 94612-3550RECEIVED
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FEB 06 2006

Attorney Docket No.: IL-11448

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Assignment

Execution Date:

12/13/2006

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A. Patent Application No.(s)

11/283,034 filed 11/17/2005

B. Patent No.(s)

5. Name and address of party to whom correspondence
concerning document should be mailed:6. Total Number of applications and patents involved:
ONE

Name: Eddie E. Scott

7. Total fee \$ 40.00

Address: Lawrence Livermore Nat. Laboratory
Intellectual Property Law, L-703☐ Enclosed
☒ Authorized charge deposit account7000 East Avenue
Livermore, CA 945508. Deposit Account number:
12-0695

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Kathy Raymond

Name of Person Signing

Signature

February 6, 2006

Date

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