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RE



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Patent and Trademark Office

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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

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Attorney Docket No.: IL-11448

3. Nature of conveyance:



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:

Name: Eddie E. Scott

Address: Lawrence Livermore Nat. Laboratory  
Intellectual Property Law, L-703

7000 East Avenue  
Livermore, CA 94550

6. Total Number of applications and patents involved: ONE

7. Total fee \$ 40.00

Enclosed  
 Authorized charge deposit account

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

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*Kathy Raymond*  
Signature

*February 6, 2006*  
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. Darren J. Hillegonds
- 2. John S. Vogel
- 3. Robert L. Fitzgerald
- 4. Leonard J. Deftos
- 5. David Herold
- 6. //
- 7. //
- 8. //
- 9. //
- 10. //

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;

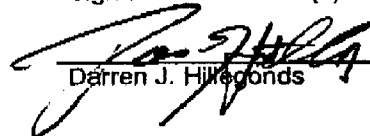
**ASSIGNOR(S)** further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, 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

2 Nov 2005  
Date

Signature of Inventor(s)

  
\_\_\_\_\_  
Darren J. Hillegonds

LLNL Case No.: IL-11448

executed this

Dec 13, 2005  
Date

Signature of Inventor(s)

  
John S. Vogel

executed this

11/9/05  
Date

Signature of Inventor(s)

  
Robert L. Fitzgerald

executed this

\_\_\_\_\_  
Date

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\_\_\_\_\_  
Leonard J. Deftos

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\_\_\_\_\_  
Date

Signature of Inventor(s)

\_\_\_\_\_  
David Herold

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\_\_\_\_\_  
Date

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\_\_\_\_\_  
Date

\_\_\_\_\_  
Leonard J. Deftos

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Signature of Inventor(s)

11-8-05  
Date

David Herold  
David Herold

-end of document-