

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT												
NATURE OF CONVEYANCE:	Corrective Assignment to correct the omitted assignment page previously recorded on Reel 025762 Frame 0524. 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>KARSENTY GERARD</td> <td>11/11/2010</td> </tr> <tr> <td>PATRICIA F. DUCY</td> <td>11/12/2010</td> </tr> <tr> <td>YULI XIE</td> <td>11/10/2010</td> </tr> <tr> <td>DONALD LANDRY</td> <td>12/10/2010</td> </tr> <tr> <td>VIJAY KUMAR YADAV</td> <td>11/19/2010</td> </tr> </tbody> </table>		Name	Execution Date	KARSENTY GERARD	11/11/2010	PATRICIA F. DUCY	11/12/2010	YULI XIE	11/10/2010	DONALD LANDRY	12/10/2010	VIJAY KUMAR YADAV	11/19/2010
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KARSENTY GERARD	11/11/2010												
PATRICIA F. DUCY	11/12/2010												
YULI XIE	11/10/2010												
DONALD LANDRY	12/10/2010												
VIJAY KUMAR YADAV	11/19/2010												
RECEIVING PARTY DATA													
Name:	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK												
Street Address:	535 WEST 116TH STREET												
City:	NEW YORK												
State/Country:	NEW YORK												
Postal Code:	10027												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12935651</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12935651								
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Application Number:	12935651												
CORRESPONDENCE DATA													
Fax Number:	(212)425-5288												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	212 425 7200												
Email:	lcharles@kenyon.com												
Correspondent Name:	DEBORAH A. SOMERVILLE												
Address Line 1:	KENYON & KENYON LLP												
Address Line 2:	ONE BROADWAY												
Address Line 4:	NEW YORK, NEW YORK 10004												
ATTORNEY DOCKET NUMBER:	13533/50803												

OP \$40.00 12935651

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**PATENT
 REEL: 026037 FRAME: 0665**

NAME OF SUBMITTER:

Deborah A. Somerville

Total Attachments: 8

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GERARD KARSENTY	11/11/2010
PATRICIA F. DUCY	11/12/2010
YULI XIE	11/10/2010
DONALD LANDRY	12/10/2010
VIJAY KUMAR YADAV	11/19/2010
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Street Address:	535 WEST 116TH STREET
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Phone: 212 425 7200
Email: lcharles@kenyon.com
Correspondent Name: DEBORAH A. SOMERVILLE
Address Line 1: KENYON & KENYON LLP
Address Line 2: ONE BROADWAY
Address Line 4: NEW YORK, NEW YORK 10004

ATTORNEY DOCKET NUMBER:	13533/50803
NAME OF SUBMITTER:	Deborah A. Somerville
Signature:	/Deborah A. Somerville/
Date:	12/22/2010

Total Attachments: 5

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RECEIPT INFORMATION

EPAS ID: PAT1414478
Receipt Date: 12/22/2010
Fee Amount: \$40

ASSIGNMENT

WHEREAS, I (we),

Gerard Karsenty
455 Central Park West
Apt. 15C
New York, NY 10025
Citizenship: United States of America;

Patricia F. Ducey
455 Central Park West
Apt. 15C
New York, NY 10025
Citizenship: United States of America;

Yuli Xie
3999 Hunan Road
Shanghai 201318, P. R. China
Citizenship: P. R. China;

Donald Landry
29 Claremont Avenue
Apt. 2-S
New York, NY 10027
Citizenship: United States of America;

and

VK^y 1/19/10
VIJAY KUMAR YADAV

20 KINGS MILL
GT. CHESTERFORD
CAMBRIDGE, UK
CB10 1PE
CITIZENSHIP: INDIA

~~Vijay Yadav~~
390 Fort Washington Avenue
Apt. 2A
New York, NY 10033
Citizenship: India

have made inventions and discoveries in **METHODS OF DIAGNOSING, PREVENTING AND TREATING BONE MASS DISEASES** the specification of which was filed as International Patent Application No. PCT/US2009/038817 on 30 March 2009, and claims the benefit under Title 35, United States Code, §119(e) of the United States provisional application(s) listed below

APPLICATION NUMBER	FILING DATE (day, month, year)
61/072,596	31 March 2008
61/090,940	22 August 2008

and also filed as a U.S. application on 30 September 2010, having U.S. Serial No. 12/935,651 for letters patents in the U.S.P.T.O.; and

WHEREAS, THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK having a place of business at 535 West 116th Street, New York, NY 10027, and who, together with its successors and assigns, is hereinafter called "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 our entire right, title, and interest in and to said inventions and discoveries, said patent application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in any and all foreign countries, including all divisional, renewal, substitute, continuation, and Convention applications based in whole or in part upon said inventions and discoveries, or upon said patent application, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said invention or upon said patent application, and every priority right that is or may be predicated upon or arise from said inventions and discoveries, said patent application, and said Letters Patent(s).

2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under an International Convention or otherwise.

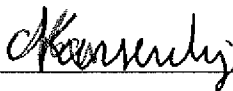
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may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

4. Warrant that we have not conveyed to others any right, title, or interest 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; that we have good right to assign the same to Assignee without encumbrance; and that we are aware of no claim to the contrary.

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

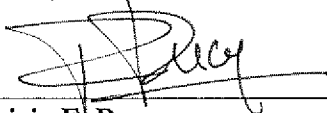
facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries; and to testify to the same in any interference, arbitration, or litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 11 day of November, 2010.



Gerard Karsenty

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 12 day of November, 2010.



Patricia F. Ducy

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this _____ day of _____, 2010.

Yuli Xie

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this _____ day of _____, 2010.

Donald Landry

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this _____ day of _____, 2010.

Vijay Yadav

facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries; and to testify to the same in any interference, arbitration, or litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this ____ day of _____, 2010.

Gerard Karsenty

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this ____ day of _____, 2010.

Patricia F. Ducey

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this ____ day of November 10, 2010.

Witness: Kaiyong Tang
at 3999 Nunan Road, Pudong, Shanghai 201318, China.


Yuli Xie

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this ____ day of _____, 2010.

Donald Landry

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this ____ day of _____, 2010.

Vijay Yadav

13533/50803

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IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this ____ day of _____, 2010.

Gerard Karsenty

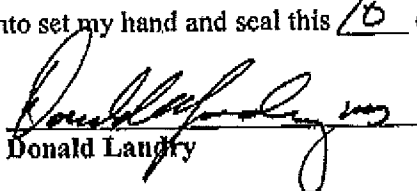
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this ____ day of _____, 2010.

Patricia F. Ducey

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this ____ day of _____, 2010.

Yuli Xie

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 10 day of December, 2010.



Donald Landry

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this ____ day of _____, 2010.

Vijay Yadav

facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries; and to testify to the same in any interference, arbitration, or litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this _____ day of _____, 2010.

Gerard Karsenty

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this _____ day of _____, 2010.

Patricia F. Ducy


IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this _____ day of _____, 2010.

Yuli Xie

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this _____ day of _____, 2010.

Donald Landry

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 19 day of NOVEMBER, 2010.



~~Vijay Yadav~~
VIJAY KUMAR YADAV