09-27-2006

T T				
Our File No. 306339/001 103312618				
3/16/06				
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.  2. Name and address of receiving party(ies)				
Name of conveying party(ies)     SKELETAL KINETICS, LLC	Name: SK RESEARCH AND DEVELOPMENT, LLC			
Additional name(s) of conveying party(ies) attached? ☐Yes⊠ No  3. Nature of conveyance/Execution Date(s):	Internal Address:			
Execution Date(s) August 2, 2006				
Assignment	Street Address: One N. Franklin St., Suite 2420			
Joint Research Agreement     Government Interest Assignment	City: Chicago			
Fxecutive Order 9424, Confirmatory License	State: Illinois			
OtherCorrective Assignment to correct Assignee's name, previously recorded on Reel 018087, Frame 0856 on August 10, 2006.	Country: Zip: 60606			
,	Additional name(s) of conveying party(les) attached?   Yes No.			
4. Application or patent number(s): This document is be				
A. Patent Application No.(s)	B, Patent No.(s)			
10/817,757 10/629,321 10/717,171 10/851,766 10/661,356 10/797,907 10/900,019 10/850,985 11/134,051 10/900,029 11/189,555 11/165,564 11/244,435	6,375,935 6,719,993			
Additional numbers atta	6. Total number of applications and patents			
concerning document should be mailed:	involved: 15			
Name: J. KENNETH JOUNG	7. Total fee (37 CFR 1.21(h) & 3.41) \$600.00			
Internal Address: ATTN; PATENT GROUP	Authorized to be charged by credit card			
DLA PIPER US LLP	Authorized to be charged to deposit account			
treet Address: 203 N. LASALLE ST., SUITE 1900  Enclosed  None required (government interest not affecting the company of the c				
City: CHICAGO	8. Payment Information			
State: ILLINO1	a. Credit Card Last 4 Numbers			
Phone Number: (312) 368-4000	Expiration Date			
Fax Number: (312) 236-7516	b. Deposit Account Number 18-2284			
Email Address: PATENTSCHGO@DLAPIPER.COM	Authorized User NameJ. Kenneth Joung			
9. Signature: Signature	September 28, 2006  Date  Total number of pages including cover 5			
R. Blake Johnston, Reg. No. 41,097 Name of Person Signing	sheet, attachments, and documents			

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1460, Alexandria, V.A. 22313-1450

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Our File No. 3063397001 RECORDATION FOR PATENT	S ONLA
To the Elector of the LLS, Patent and Trademark Officer, Places record the 1. Name of conveying party (les)	2. Name and address of receiving party (les).
SKELETAL KINETICS, LLC	Name: EX RESEARCH AND DEVELOPMENT, LLC.
Additional (namedy) of expression of state (15) (15) (15) (15) (15) (15) (15) (15)	Internal Address:
Execution Date(s) August 2, 2008	1
Assignment   Marger   Marger   Change of Name	Street Address: One N. Franklin St., Suite 2420
Joint Research Agreemunt Gevernment Interest Assignment	City: Chicago
Executive Order 9424, Confirmatory License	State: Illinois
□ Other	Country: Zip: 80806
	Additional removals of entirecting contribute standard? Diversity No
4. Application or patent rumber(s): This document is	being filed together with a new application.
A. Petent Application No.(s)	B. Patent No.(s)
10817,757 10829,221 10717,171 10861,756 10881,385 10757,607 10300,019 10880,465 17726,651 10900,020 11738,685 11710,584	8,375,985 4,719,983
11/244,436 Additional numbers a	Hischad? Tyes SiNo
5. Name and address to whom patraspondence concerning document should be malled:	6. Total number of applications and patents involved: 16
Name: J. KENNETH JOUN!3	7. Total fee (37 CFR 1.21(h) & 3.41) \$600.00
Internal Address: ATTN: PATENT GROUP  DLA PIPER RUONICK GRAY CARY US LLP	Authorized to be charged by credit card  Authorized to be charged to deposit account
Street Address: 203 N. LASALLE ST., SUITE 1900	Enclosed None regulated (government Whereat not attacting 1966)
CRY: CHICAGO	2. Payment information
State: ILLINO:	a Credit Card Last 4 Numbers
Phone Number: (312) 358-4060	Expiration Date
Pax Number: (312) 236-7513	8. Deposit Account Number 18-2284
Email Address: PATENTSCHGC&DLAPIPER.COM	Authorized Geer NameJ. Kenneth Joung
9. Signature:	Aboust 10, 2006
J. Kenneth Joyne	Trans mumber of papers including sever \$ nived, wheelpreaks, and securetis
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Mail \$600 As Nursent Pactorial on Services Observins	og special de fingel de filt y 27-8141, c'etanoù (e) bi din 180712, p.o. Bost 4480, Ambandria, V.A. 23918-4452
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PAGE 11/16 \* RCVD AT 9/7/2006 5:17:24 PM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-3/10 \* DNIS:2738300 \* CSID:3122367516 \* DURATION (mm-ss):04-02

**PATENT REEL: 018323 FRAME: 0463** 

## ASSIGNMENT

WHEREAS, SKELETAL KINETICS, LLC, a limited liability company existing under the laws of the State of Delaware, United States of America, having its principal place of business at 10201 Bubb Road, Cupertino, California 95014, United States of America, hereinafter referred to as ASSIGNOR, is the sole proprietor for the patens and patent applications as described and set forth in Schedule A (Pending United States Patent Applications) and Schedule B (Issued United States Letters of Patent).

WHEREAS, SK RESEARCH AND DEVELOPMENT, LLC, a limited liability company existing under the laws of the State of Delaware, having its principal place of business at One North Franklin Street, Suite 2420, Chicago, IL 60606, United States of America, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in the said inventions and applications and in any Letters Patent which may be granted on the same as listed in Schedule A and Schedule B.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNOR by ASSIGNEE, receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR has sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE'S successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under 35 U.S.C. §119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR had this assignment and transfer not been made, to the full end and term of any Letters Patent.

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> PATENT REEL: 018323 FRAME: 0464

ASSIGNOR further agrees that they will, without charge to said ASSIGNEE, but at ASSIGNEE'S expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE'S successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR'S representative has hereunto signed his name to this assignment on the dates indicated below

Date: 2 acquest 186

SKELETAL KINETICS

Page 2 of 4

## ALL-PURPOSE ACKNOWLEDGMENT

State of Thinais	)SS
County of <u>Cook</u>	<i>)</i> 33

On Aug. 2, 2004 before me, Breat Constants personally appeared personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Madin K Buyant

Notary's Signature

[Notary Seal]

"OFFICIAL SEAL"
NADINE K. BRYANT
Notary Public, State of Illinois
My Commission Expires 11/9/07

Page 3 of 4

## Schedule A PENDING APPLICATIONS

Serial No.	Filing Date		
19/817,757	4/2/2004		
10/629,321	7/28/2003		
19/717,171	11/18/2003		
10/851,766	5/20/2004		
10/661,356	9/11/2003		
10/797,907	3/9/2004		
10/900,019	7/26/2004		
10/850,985	5/20/2004		
11/134,051	5/19/2005		
10/900,029	7/26/2004		
11/189,555	7/25/2005		
11/165,564	6/22/2005		
11/244,435	10/4/2005		

## SCHOULE B **ISSUED PATENTS**

Serial No.	Filing Date	Patent No.	Issue Date
09/561,324	4/28/2000	6,375,935	4/23/2002
10/109,994	3/29/2002	6,719,993	4/13/2004

Page 4 of 4

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**RECORDED: 09/26/2006** 

**REEL: 018323 FRAME: 0467**