PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:			ASSIGNMENT			
CONVEYING PARTY DATA						
Name				Execution Date		
David M. Sabatini				10/23/2003		
Do-Hyung Kim				10/21/2003		
Dos Sarbassov				10/21/2003		
RECEIVING PARTY DATA						
Name:	ame: Whitehead Institute for Biomedical Research					
Street Address:	Nine Cambrid	Nine Cambridge Center				
City:	Cambridge					
State/Country:	MASSACHUSETTS					
Postal Code:	02142					
PROPERTY NUMBERS Total: 1 Property Type Number Application Number: 12900289						
Property Type		40000	Number			
Application Number: 12900			289			
CORRESPONDENCE DATA Fax Number: (978)341-0136						
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ATTORNEY DOCKET NUMBER:			0399.2043-005			
NAME OF SUBMITTER:			Wendy Penniman			
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Joint

ASSIGNMENT

WHEREAS, we, David M. Sabatini, Do-Hyung Kim and Dos Sarbassov, have invented a certain improvement in Nucleic Acids Encoding a Mammalian Raptor Polypeptide and Uses Therefor described in an application for Letters Patent of the United States,

- [] the specification of which is being executed on even date herewith and is about to be filed in the United States Patent Office (use for 37 CFR §1.53(b) filings only);
- [X] the specification of which was filed on May 13, 2003 as United States Application No. 10/437,421;
- [] the specification of which is the United States National Stage of International Application No. [PCT Appl'n No.], filed on [PCT Filing Date] [OPTION and assigned United States Application No. []] (use for 35 USC §371 filings only);

[] which was patented under United States Patent No. [] on [].

WHEREAS, Whitehead Institute for Biomedical Research (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at Nine Cambridge Center, Cambridge, Massachusetts 02142 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature:	
	David M. Sabatini
State/Commonwealth	
of Massachusetts	
County of Middle Nex	
	he above-named David M. Sabatini and acknowledged trument as his/her free act and deed this 23° .
(SEAL)	n L. Massr Notary Public
Be	na. L. Nassr (print name)
My Com	mission expires // / Notary Public Commonwealth of Massachusetts
	My Commission Expires May 28, 2010

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Inventor's Signature:			•	
		Do-Hyur	ıg Kim	···
State/Commonwealth	• •			
of				
County of				
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Docket No. 0399.2043-001

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NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

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AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature:	
	David M. Sabatini
State/Commonwealth	
of	·
County of	
that he/she executed the for	efore me the above-named David M. Sabatini and acknowledged egoing instrument as his/her free act and deed this, 2003.
(SEAL)	Notary Public
	(print name)
	My Commission expires//

Copy for Continuing Application

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Inventor's Signature:	Pellylees	\geq
State/Commonwealth	Do-Hyung Kim	
	A	
of <u>Massachusett</u> County of <u>Middlese</u>	e	
Then personally appeared befor he/she executed the foregoing i	e me the above-named Do-Hyung Kim an nstrument as his/her free act and deed this	nd acknowledged that day
of actaber,		
(SEAL)	Clotilda M. Nare Notary Pul	olic
· · · · · · · · · · · · · · · · · · ·	<u>Clotilda M. Nare</u> Notary Pul <u>Clotilda M. Ware</u> (print nam	e)
М	y Commission expires June/ 14 / Je	207
	le de la construcción de la constru La construcción de la construcción d	
Inventor's Signature:	\$ Days	
	Dos Sarbassov	
State/Commonwealth		
of <u>Massachusett</u>	02	
County of Middles	ey	
Then personally appeared befor he/she executed the foregoing in of <i>October</i>	e me the above-named Dos Sarbassov and nstrument as his/her free act and deed this 2003.	l acknowledged that
		lic
	<u>Clotilda M. Ware</u> Notary Pub <u>Clotibla M. Ware</u> (print name	e)
	Commission expires June 14 / 20	

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RECORDED: 02/25/2011