

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Bruce M. Spiegelman</td> <td>03/02/1999</td> </tr> <tr> <td>Pere Puigserver</td> <td>03/02/1999</td> </tr> <tr> <td>Zhidan Wu</td> <td>03/02/1999</td> </tr> <tr> <td>Guillaume Adelmant</td> <td>03/02/1999</td> </tr> </tbody> </table>		Name	Execution Date	Bruce M. Spiegelman	03/02/1999	Pere Puigserver	03/02/1999	Zhidan Wu	03/02/1999	Guillaume Adelmant	03/02/1999
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<table border="1"> <tr> <td>Name:</td> <td>Dana-Farber Cancer Institute</td> </tr> <tr> <td>Street Address:</td> <td>450 Brookline Avenue</td> </tr> <tr> <td>City:</td> <td>Boston</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02215</td> </tr> </table>		Name:	Dana-Farber Cancer Institute	Street Address:	450 Brookline Avenue	City:	Boston	State/Country:	MASSACHUSETTS	Postal Code:	02215
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CORRESPONDENCE DATA											
Fax Number: 6178327000 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 617-988-3584 Email: phenders@foleyhoag.com Correspondent Name: Patricia L. Henderson Address Line 1: 155 Seaport Blvd. Address Line 4: Boston, MASSACHUSETTS 02210-2600											
ATTORNEY DOCKET NUMBER:	DFS-023.03										
NAME OF SUBMITTER:	Patricia L. Henderson										
Total Attachments: 3 source=DFS-023_03_Executed_Assignment_to_Dana-Farber_from_DFS-023_02_#page1.tif source=DFS-023_03_Executed_Assignment_to_Dana-Farber_from_DFS-023_02_#page2.tif source=DFS-023_03_Executed_Assignment_to_Dana-Farber_from_DFS-023_02_#page3.tif											

CH \$40.00 6525178

ASSIGNMENT

We, Bruce M. Spiegelman of Waban, Massachusetts; Pere Puigserver of Brookline, Massachusetts; Zhidan Wu of Boston, Massachusetts; and Guillaume Adelmant of Boston, Massachusetts, in consideration of One Dollar and other valuable consideration paid to us by

Dana-Farber Cancer Institute

a corporation of Massachusetts, having its principal place of business at 44 Binney Street, Boston, Massachusetts 02115, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

Dana-Farber Cancer Institute

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

PGC-1, A Novel Brown Fat PPAR γ CoActivator

described in an application


_____ executed by us of even date herewith and about to be filed

X Serial No. 09/203,453, filed on December 1, 1998

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

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

WITNESS my hand and seal this 2nd day of March, 1999.

By: 
Bruce M. Spiegelman

Commonwealth of Massachusetts)
)ss
County of Suffolk)

Then personally appeared the above named Bruce M. Spiegelman and acknowledged the foregoing instrument to be his/her free act and deed, before me, this 2nd day of March, 1999.


Notary Public Donna M. Presterone

My commission expires: 8/16/2002

WITNESS my hand and seal this 2nd day of March, 1999.

By: Rene Puigserver

Commonwealth of Massachusetts)
)ss
County of Suffolk)

Then personally appeared the above named Pere Puigserver and acknowledged the foregoing instrument to be his/her free act and deed, before me, this 2nd day of March, 1999.

Donna M. Presterone
Notary Public Donna M. Presterone

My commission expires: 8/16/2002

WITNESS my hand and seal this 2nd day of March, 1999.

By: Zhidan Wu
Zhidan Wu

Commonwealth of Massachusetts)
)ss
County of Suffolk)

Then personally appeared the above named Zhidan Wu and acknowledged the foregoing instrument to be his/her free act and deed, before me, this 2 day of March, 1999.

Donna M. Presterone
Notary Public Donna M. Presterone

My commission expires: 8/16/2002

WITNESS my hand and seal this 2nd day of March, 1999.

By: Guillaume Adelmant
Guillaume Adelmant

Commonwealth of Massachusetts)
)ss
County of Suffolk)

Then personally appeared the above named Guillaume Adelmant and acknowledged the foregoing instrument to be his/her free act and deed, before me, this 2nd day of March, 1999.

Donna M. Presterone
Notary Public Donna M. Presterone

My commission expires: 8/16/2002