Form <b>PTO-1595</b> (Rev. 06/04)	U.S. DEPARTMENT OF COMMERCE  United States Patent and Trademark Office
	FORM COVER SHEET
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To the Director of the U.S. Patent and Trademark Office	e: Please record the ettached documents or the new address(es) below.
1. Name of conveying party(ies)/Execution Dat	te(s): 2. Name and address of receiving party(les)
TONG, Liang	Name:ne Trustees of Columbia Oniversity
ZHANG, Hailong	Internal Address: The Trustees of Columbia
LI, Jiang YANG, Zhiru	University in the City of New York
Execution Date(s) 03/02/2005	Street Address:110 Low Memorial Library
Additional name(s) of conveying party(les) attached? Yes	535 West 116th Street
3. Nature of conveyance:	
Assignment Merger	City:New York
Security Agreement Change of Na	ame State: New York
Government Interest Assignment	Country: U.S.AZip:10027
Executive Order 9424, Confirmatory License	
	Additional name(s) & address(es) attached? Yes No
4. Application or patent number(s):	This document is being filed together with a new application.
A. Patent Application No.(s)	B. Patent No.(s)
U.S. 10/754,687	
Additional nur	mbers attached? Yes No
5. Name and address to whom corresponden	
concerning document should be mailed: Wilmer Cutler Pickering Hale and Dorr	
Wilmer Cutter Pickering Hale and Dorr	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
Internal Address: Jane M. Love, Ph.D.	Authorized to be charged by credit card
Internal Address.	Authorized to be charged to deposit account
200 Bork Avonue	Enclosed
Street Address: 399 Park Avenue	None required (government interest not affecting title)
Naw York	8. Payment Information
City: New York	a. Credit Card Last 4 Numbers
State: New York Zip: 10022	Expiration Date
Phone Number: (212) 937-7233	b. Deposit Account Number08-0219
Fax Number: (212) 230-8888	Authorized User NameJane M. Love, Ph.D
Email Address: jane.love@wilmerhale.com	
9. Signature: Famlum	ifone3805
Signat	ure
Jane M. Love, Ph.D.	Total number of pages including cover sheet, attachments, and documents:
Name of Person Signing	<u> </u>

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the

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## <u>ASSIGNMENT</u>

WHEREAS, we, Liang Tong residing at 170 Evandale Road, Scarsdale, New York, 10583, USA; Hailong Zhang residing at 100 Morningside Drive, Apartment No. 2J, New York, New York 10027, USA; Zhiru Yang residing at 1516 East Del Mar Boulevard, Pasadena, California 91106 USA; and Jiang Li residing at 542 West 112th Street, Apartment No. 4E, New York, New York 10025 USA (collectively, "the Assignors") are the inventors of a certain new and useful invention and discovery entitled "Methods Of Using Crystal Structure Of Carboxyltransferase Domain Of Acetyl-CoA Carboxylase, Modulators Thereof, And Computer Methods" ("the Invention") for which a patent application was filed with the United States Patent and Trademark Office on January 9, 2004 and was assigned U.S. Application Number 10/754,687 ("the Application").

WHEREAS, The Trustees of Columbia University in the City of New York existing under the laws of the State of New York, whose address is 110 Low Memorial Library, 535 West 116<sup>th</sup> Street, New York, NY 10027, which, together with its successors and assigns (collectively the "Assignee"), is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

For valuable consideration, receipt of which is acknowledged, Assignors hereby assign to Assignee all of Assignors' right, title and interest in and to the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any applications and/or patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application; any application that claims priority from the Application (including divisionals, continuations, continuation-in-parts, or as an application claiming priority from a provisional application); or any application based in whole or in part on any of the foregoing.

Assignors agree that such Assignors and Assignors' heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications,

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execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein any and all countries and to vest title thereto in Assignee. Assignors further agree that such Assignors will, without further compensation to Assignors during the term of such Assignors' employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto to Assignee.

	_ /1 (4
N TESTIMONY WHEREOF, I have hereunto s	set my hand and seal this 2 day of
March 05 (Month/Year).	CQ.Q.
	Liang Tong
WITNESS Printed Na Residents	ree will for the use and purposes therein set forth.
_ <i>K//S</i>	

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TN TESTIMONY WHE	EOF, I have hereunto set my hand and seal this <u>02</u> day of
03/05	(Month/Year).
	- Willed les
	Hailong Zhang
On this 2 day of 2 known to me to be the stome that execution of the forth.	(Month/Year), Hailong Zhang, personally me individual who executed the foregoing Assignment, acknowledged he same was of his/her own free will for the use and purposes therein set
	1 1 1 A
	WITNESS:
	Printed Name: Pm Ambrot
	Residential Address:
	112 vest 10112 Agt. Il
	NY0 10025
IN TESTIMONY WHI	REOF, I have hereunto set my hand and seal this 2 day of(Month/Year).
	Jiang Li
On this 21 day of me to be the same indicate execution of the same	(Month/Year), Jiang Li, personally known to vidual who executed the foregoing Assignment, acknowledged to me that was of his/her own free will for the use and purposes therein set forth.  WITNESS:  Printed Name: 2
	з.

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	A Maria e
IN	TESTIMONY WHEREOF, I have hereunto set my hand and seal this 4th day of
	March 2005 (Month/Year).
	Zhiru Yang
	this day of (Month/Year), Zhiru Yang, personally known me to be the same individual who executed the foregoing Assignment, acknowledged to me at execution of the same was of his/her own free will for the use and purposes therein set forth.
	WITNESS:
	Printed Name:MarkuMurphy
	Residential Address:  Division of Biology 114-94
	- Cold of Conta Block

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RECORDED: 03/08/2005

**PATENT REEL: 015858 FRAME: 0407**