07-22 -20 0	Docket No. 0575/62176/JPW/LB
FORM PTO-1595 (Substitute)	HEET U.S. DEPARTMENT OF COMMERCE
(Rev. 8-96)	
To the Honorable Commissioner of 10250283	ched original documents or copy thereof.
Name of conveying party(ies):	2. Name and address of receiving party(ies):
David M. Stern - August 17, 2000 Shi Du Yan - August 17, 2000	The Trustees of Columbia University Name: in the City of New York Internal Address:
Additional name(s) of conveying party(ies) attached? Yes No	Street Address: Broadway and West 116th Street
3. Nature of Conveyance: Assignment Merger Security Agreement Change of Name Other Record to correct first assignor's	Chy/State/Zip: New York, New York 10027
assignee on a document previously recorded Execution Date(s) August 17, 2000	on Reel 11307 Frame 0526. Additional name(s) & address(es) strached? Yes X No
August 17, 2000	Visite the examples statute) of the
4. Application number(s) or patent number(s): If this document is	being filed together with a new application, the execution date(s) of the
application is(are):	1
A. Patent Application No.(s) 09/638,647	B. Patert No.(s)
Filed August 14, 2000	
	1
Additional numbers at	ached? Yes No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: John P. White	7. Total fee (37 CFR §3.41): \$ 40.00
	7. Total ree (37 OFR §3.41)
Internal Address: Cooper & Dunham LLP	Enclosed
Street Address: 1185 Avenue of the Americas	_
<u> </u>	Authorized to be changed to deposit account
City/State/Zip: New York, New York 10036	8. Deposit account number.
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	USE THIS SPACE
9. Statement and signature.	المنطقة المناسعين الراسان الماران المناسعين المراسان الماران المناسعين المراسان المناسات المن
To the best of my knowledge and belief, the foregoing into original document.	ormation is true and correct and any sattached copy is a true copy of the
John P. White	
Alama of Botton Signing / Sign	nature Date
Reg. No. 21	8,678 Total Number of pages including cover sheet, attachments and
I hereby certify that this correspondence is being deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231. July 9, 2003 July 9, 2003 Date Reg. No. 28, 678	document:
OMB No. 0651-0011 (exp. 4/94) Mail gocuments to be recorded	with required cover sheet information to: Patents and Trademarks PATENT

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REEL: 014686 FRAME: 0947

JUN-03-04 11:29 FROM:COOPER+DUNHAM ID: 12123910526 PAGE BOX - SOC Docket No. 0575/62176/JPW/JML U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office _ documents or copy thereof. To the Honorable Commissioner of Patents as Name and address of receiving party(ess): 1. Name of conveying party(is4): The Trustees of Columbia University in the City of New York David Stern and Shi Du Yan internal Address: Street Address: Broadway and West 116th Street Additional name(s) of conveying party(ies) attached? ☐Yes 図No 3. Nature of Conveyance: Cay/State/Zip: New York, New York 10036 Merger X Assignment Change of Name Security Agreement Additional name(s) & address(es) attached? Yes 🖾 No Other_ Execution Date(s): August 17, 2000 4. Application number(s) or patent number(s): If this occurrent is being filed together with a new application, the execution date(s) of the application is(ere): _ A. Patent Application No.(s) 09/638,647 B. Patent No.(s) _ filed: August 14, 2000 □_{Y≠} □ № Additional numbers attached? Name and address of party to whom correspondence 6. Total number of applications and patents involved: ____ concerning document should be mailed: 7. Total fee (37 CFR §3.41):..... \$ 40,00 Name: John P. White, Psq. Internal Address:_ ☐ Enclosed Street Address: Cooper & Dunham LLP [X] Authorized to be charged to deposit account 1185 Avenue of the Americas New York, New York 10036 8. Deposit account number. City/State/Zip: . 03-3125 DO NOT USE THIS SPACE To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the 9. Statement and signature. original document... November 3, 2000 Jane M. Love, Reg. no.42,812 Name of Person Signing Total Number of pages including cover sheet, attachments and I hereby certify that this correspondence is being deposited this date with the U.S. Postel document: __3 Service with sufficient postage as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231. John P. White Reg. No. 28,678 Jane M. Love Reg. No. 42,812 Mail documents to be recorded with required cover sheet information to: OMB No. 0651-0011 (exp. 4/94) Commissioner of Patents and Trademarks BOX ASSIGNMENTS

Washington, D.C. 20231

PATENT **REEL: 014686 FRAME: 0948**

Dkt. 0575/62176/JPW/JML

Assignment

in consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, we, the undersigned,

David M. Stern and Shi Du Yan residing at: 63 Tanners Road, Great Neck, New York, 11020, USA; and 60 Haven Avenue, Apartment 4-B, New York, New York 10032, USA, respectively.

Hereby sell, assign and transfer to The Trustees of Columbia University in the City of New York a corporation of the State of

New York having a place of business at Broadway and West 116th Street
New York, New York 10037

its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and any and all inventions which are disclosed but not claimed, in the application for United States Patent, which has been executed by the undersigned on August 17, 2000 and is entitled

TRANSGENIC MICE OVER-EXPRESSING ABAD AND MUTANT APP IN BRAIN AS MODEL OF ALZHEIMER'S DISEASE AND USES THEREOF

(U.S. Serial No.: 09/638,647, filed August 14, 2000)

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

PATENT REEL: 014686 FRAME: 0949 Applicants: David Stern and Shi Du Yan

U.S. Serial No.: 09/638,647

Filed: August 14, 2000

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent - application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent · Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries execute all divisional, continuing, substitute, renewal, reissue, and all-other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

give us vice and	David M Stin 12.5.1
8/17/	David M. Stern
Date:	-
12 RICHARD SMER RD	• -
GRANIE SPRING NY 10827	
Date: Shirm 8/17/2000 19 Witness: Shirm Schere PD 17. Pichard Schere PD Corporate Spring NY 10527	Shi Du Yan () - - -

RECORDED: 06/03/2004

PATENT REEL: 014686 FRAME: 0950