U.S. DEPARTMENT OF COMMERCE

To the Honorable Commissioner of P. 1011810	Patent and Trademark Office
	The state of the s
1 Name of conveying party(ies):	Name and address of receiving party(ies):
Lorna W. Role	The Trustees of Columbia University
David Talmage	Name: in the City of New York
Jianxin Bao	
Additional name(s) of conveying party(les) attached?	Internal Address:
Yes No	Street Address: West 116 Street and Broadway
اس ا تح اليا NO	
3 Nature of Conveyance:	
	City/State/Zip: New York, New York 10027
Assignment	Chyotaleza, new lota 10027
Security Agreement	
Other	
Execution Date(s): September 17, 1999,	
September 17, 1999, September 20, 199	Additional name(s) & address(es) attached? Yes No
	being filed together with a new application, the execution gate(s) of the
application is(are):	the execution date(s) of the
09/312,596	
A Patent Application No.(s) U9/312,596	B. Patent No.(s)
j	
Additional numbers atta	ched? Yes X No
5. Name and address of party to whom correspondence	
concerning document should be mailed:	Total number of applications and patents involved:
Name Tohn D White Eco	
Name John P. White, Esq.	7 Total fee (37 CFR §3.41):
Internal Address	· · · · · · · · · · · · · · · · · · ·
Street Address: Cooper & Dunham LLP	Enclosed
1185 Avenue of the Americas	Authorized to be charged to deposit account
Var. Vanie Vanie 10036	
Caty/State/Zup New York, New York 10036	
	Deposit account number:
	03-3125
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9 Statement and signature.	
To the best of my knowledge and belief, the foregoing infor	mation is true and correct and any attached copy is a true copy of the
onginal document.	\. A=
John P. White	October 18, 1999
Name of Person Signing Signal	
()	- Jak
	Total Number of pages including cover sheet, attachments and
I hereby certify that this correspondence is being deposited	cocument. 4
this date with the U.S. Postal Service with sufficient postage	226
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John P. White Date Date	_
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	in. D C. 20231

PATENT

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Assignment

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

Lorna W. Role, residing at 573 West End Avenue, Apt. 12-B, New York, New York 10024,

David Talmage, residing at 200 Haven Avenue Apt. 6-E, New York, New York 10033

Jianxin Bao, residing at 3050 Fairfield Avenue Apt. 6-C, Riverdale, New York 10463

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 110 Low Memorial Library, West 116th Street and Broadway, New York, New York 10027 in the County of New York and State of New York 10027. 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 September 17, and is entitled 1999, September 17, 1999, September 20, 1999.

A-FORM OF CYTOPLASMIC DOMAIN OF NARIA (CRD-NEUREGULIN) AND USES THEREOF U.S. Serial No. 09/312,596, Filed May 14, 1999

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;

1"

PATENT REEL: 010322 FRAME: 0317

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.

Date: 17 September 1997 Lorna W. Role

Witness: Canada Tilhoo

1436 Zerega Ave.

Bronx NY 10462

Date: September 1999 David Talmage

Witness: Canada Tilhoo

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PATENT REEL: 010322 FRAME: 0318

Date:	20 September	_1999
Witness:	Tail) >	
	Tom I. DAVIS	
	333 E. 53° St 9M	
	New York, NY 1002Z	

RECORDED: 10/21/1999

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