Docket No.: 066671-0130 PATENT To the Honorable Commissioner for Patents and Trademarks: I. Name of Conveying Party(ies): Tomoko Kuwabara and Fred H. Gage Tomoko Kuwabara and Fred H. Gage Additional name(s) of conveying party(ies) attached? Yes X No Nature of Conveyance: Merger Security Agreement Merger Other Other Execution Date: August 18, 2004	Please record the attached original documents or copy thereto: 2. Name and address of receiving party(ies): Name: Salk Institute for Biological Studies Address: 10010 North Torrey Pines Road D La Jolla, CA 92037-1099 Additional name(s) & address(es) attached? Yes Yes No
 Name of Conveying Party(ies): Tomoko Kuwabara and Fred H. Gage Additional name(s) of conveying party(ies) attached? Yes No. Nature of Conveyance: Assignment Merger Security Agreement Change of Name Other Execution Date: August 18, 2004 	 2. Name and address of receiving party(ies): Name: Salk Institute for Biological Studies Address: 10010 North Torrey Pines Road La Jolla, CA 92037-1099 Additional name(s) & address(es) attached? Yes X No
 Name of Conveying Party(ies): Tomoko Kuwabara and Fred H. Gage Additional name(s) of conveying party(ies) attached? Yes No. Nature of Conveyance: Assignment Merger Security Agreement Change of Name Other Execution Date: August 18, 2004 	 2. Name and address of receiving party(ies): Name: Salk Institute for Biological Studies Address: 10010 North Torrey Pines Road La Jolla, CA 92037-1099 Additional name(s) & address(es) attached? Yes X No
Additional name(s) of conveying party(ies) attached? Yes X No S. Nature of Conveyance: Merger Assignment Merger Security Agreement Change of Name Other Other	Name: Salk Institute for Biological Studies Address: 10010 North Torrey Pines Road La Jolla, CA 92037-1099 Additional name(s) & address(es) attached? Yes Yes No
 8. Nature of Conveyance: Assignment	Address: 10010 North Torrey Pines Road La Jolla, CA 92037-1099 Additional name(s) & address(es) attached? Yes X No
 8. Nature of Conveyance: Assignment	La Jolla, CA 92037-1099 Additional name(s) & address(es) attached? 🗌 Yes 🔀 No
 8. Nature of Conveyance: Assignment	La Jolla, CA 92037-1099 Additional name(s) & address(es) attached? 🗌 Yes 🔀 No
Security Agreement Change of Name Other Carcention Date: August 18, 2004	Additional name(s) & address(es) attached? 🗌 Yes 🔀 No
Security Agreement Change of Name Other Carcention Date: August 18, 2004	
Other Execution Date: August 18, 2004	
Execution Date: August 18, 2004	
. Application number(s) or patent number(s):	
	e execution date of the application is:
If the document is being filed together with a new application, the	
A. Patent Application No(s).	B. Patent No(s).
10/857,784	
Additional numbers att	ached? 🗌 Yes 🖾 No
. Name and address of party to whom correspondence	
oncerning document should be mailed:	6. Total number of applications and patents involved:
Name: MCDERMOTT WILL & EMERY LLP	
	7. Total fee (37 CFR 3.41) \$40.00
Internal Address:	Enclosed
a	Authorized to be charged to deposit account
Street Address: 4370 La Jolla Village Drive, Suite 700	8. Deposit account number:
	502624
City: San Diego State: CA Zip: 92122	
DO NOT USE . Statement and signature.	
	mation is true and correct and any attached copy is a true copy
of the original document.	_
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Astrid R. Spain, Reg. No. 47.956	SMall, September 23, 2004
Name and Registration No. of Person Signing	Signature Date .
	Total number of pages including cover sheet: 3
MB No. 0651-0027 (exp. 6/30/2005)	

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office on Sept. 23, 2004.

Cris Johnson

PATENT REEL: 015170 FRAME: 0112

Docket No.: 066671-0130

ASSIGNMENT

WHEREAS WE, Tomoko Kuwabara of Ibaraki, Japan and Fred H. Gage of La Jolla, California, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled TRANSCRIPTIONAL REGULATOR OF GENE EXPRESSION BY SMALL DOUBLE-STRANDED RNA, executed by me on the date of execution of this document, as shown below, and filed concurrently herewith; OR

for which an application for United States Letters Patent was filed on May 28, 2004, and identified by United States Serial No. 10/857,784;

AND WHEREAS, SALK INSTITUTE FOR BIOLOGICAL STUDIES, a corporation of the State of California and having an address of 10010 North Torrey Pines Road, La Jolla, California is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto SALK INSTITUTE FOR BIOLOGICAL STUDIES, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said SALK INSTITUTE FOR BIOLOGICAL STUDIES, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

08/18/04 Date Tomoko Kuwabara Date

PATENT REEL: 015170 FRAME: 0113

STATE OF CALIFORI	<u>JIA</u>)
COUNTY OF SAN DIE	$EGO^{SS:}$
appeared Tomoko Kuwabara	day of <u>AUGUST</u> , 2004 , before me personally a, to me known to be the person named in and who executed the
above instrument, and acknown purposes therein set forth.	owledged to me that he/she executed the same for the uses and
E A INGRID A. JOHNSON	Unglad Duson Notary Rublic
Commission # 1458196 Notary Public - Catilonia San Diego County My Comm. Biplies Dec 23, 2007	My commission expires December 23,2007
STATE OF CALIFORNI	$\frac{A}{SS:}$
COUNTY OF SAN DE	
appeared Fred H. Gage, to n	day of <u>AUGUST</u> , 20.04 , before me personally ne known to be the person named in and who executed the above d to me that he/she executed the same for the uses and purposes
	Ungled L. Dhuson Notary Public
SEAL	Notary Public
INGRID A. JOHNSON Commission # 1458196 Notary Public - California San Diego County My Comm, Expires Dec 23, 2007	My commission expires DECEMBER 23, 2007

RECORDED: 09/23/2004

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