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FORM PTO 1619A Expires 06/2009 OMB 06/2007	10-24-2003	U.S. Department of Commerce Patent and Trademark Office PATENT		
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TO: The Commissioner of Patents and Tradema Submission Type	rks: Please record the attached origin Conveyance Type	al document(s) or copy(les).		
New 10/16/03		ity Agreement		
Resubmission (Non-Recordation) Document ID#	License	e of Name		
Correction of PTO Error Reel # Frame #	Merger Other			
Reel # Frame # Corrective Document	U.S. Gove	<i>rnment</i> overnm <u>ent Aq</u> encies)		
Reel # Frame #	Departmental File	Secret File		
Conveying Party(ies)	Mark if additional names of conve	ying parties attached Execution Date Month Day Year		
Name (line 1) Seth J. Orlow		10 05 03		
Name (line 2)		Execution Date		
Second Party Name (line 1) Prashiela Manga		Month Day Year 09 29 03		
Name (line 2)				
Receiving Party	Mark if additional	names of receiving parties attached		
Name (line 1) New York University		If document to be recorded is an assignment and the receiving party is not		
Name (line 2)		domiciled in the United States, an appointment		
Address (line 1) 70 Washington Square, South		of a domestic representative is attached.		
Address (line 2)		(Designation must be a separate document from		
		Assignment.)		
Address (line 3) New York	New York State/Country	10012 Zip Code		
Domestic Representative Name and Address Enter for the first Receiving Party only.				
Name Ann-Louise Kerner, Ph.D.				
Address (line 1) Hale and Dorr LLP				
Address (line 2) 60 State Street				
Address (lipe 3) Boston, MA 02109				
Address (ine 4) United States of America				
723/2003 LMELLER 00000171 080219 10435439 FOR OFFICE USE ONLY				
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Conveying Pa	Mark if additional names of conveying parties attached	
Enter additional C		Execution Date Month Day Year
Name (line 1)	iana Staleva, Ph.D.	09 18 03
Name (fine 2)		Execution Date
Name (line 1)		Month Day Year
Name (line 2)		Execution Date
Name (line 1)		Month Day Year
Name (line 2)		
Receiving Par	rty(ies) Mark if additional names of receiving partie	o attached
=	Receiving Party(ies)	es attached
Name (line 1)		If document to be recorded
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Address (line 1)		States, an appointment of a domestic representative is attached. (Designation
Address (line 2)		must be a separate document from Assignment.)
Address (line 3)	City State/Country Zip Code	B
Name (line 1)		If document to be recorded
Name (line 2)		is an assignment and the receiving party is not domiciled in the United
Address (line 1)		States, an appointment of a domestic representative is attached. (Designation must
Address (line 2)		be a separate document from Assignment.)
Address (line 3)	City State/Country Zip Co	ode
Application No	umber(s) or Patent Number(s) Mark if additional numbers attached	
Enter either the	Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same	ne property).
Pat	tent Application Number(s) Patent Number	er(s)
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FORM PTO-1619B Expires 06/30/99 OMB 0651-0027 Page 2 U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Name and Address Area Code and Telephone Number 617-526-6000
Name Ann-Louise Kerner, Ph.D.
Address (line 1) Hale and Dorr LLP
Address (line 2) 60 State Street
Address (line 3) Boston, MA 02109
Address (line 4) United States of America
Pages Enter the total number of pages of the attached conveyance document including any attachments.
Application Number(s) Mark if additional numbers attached
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property). Patent Application Number(s) Patent Number(s)
10/435,439
If this document is being filed together with a <u>new</u> Patent Application, enter the date the patent application was <u>Month Day Year</u> signed by the first named executing inventor.
Patent Cooperation Treaty (PCT)
Enter PCT application number
only if a U.S. Application Number PCT PCT PCT PCT PCT
Number of Properties Enter the total number of properties involved. # 1
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00
Method of Payment: Enclosed Deposit Account
(Enter for payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number: # 08-0219
Authorization to charge additional fees: Yes Vo No
Statement and Signature
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 original document. Charges to deposit account are authorized, as indicated herein.
Ann-Louise Kerner, Ph.D. Oht heure Kehr 10/14/03
Name of Person Signing Signature Date

ASSIGNMENT

WHEREAS, we, Seth J. Orlow, a citizen of the United States and residing at 9 East 96th Street, New York, NY 10128-0778, Prashiela Manga, a citizen of South Africa and residing at 3413 Linwood Road, Cincinnati, OH 45226 and Liliana Staleva, a citizen of Bulgaria and residing at 545 First Avenue, Apartment 2C, New York, NY 10016 are the inventors of a certain new and useful invention and discovery entitled ASSAY FOR MELANOGENESIS also identified as Attorney Docket Numbers 71369.334 and PFI-029US, the specification of which was filed with the United States Patent and Trademark Office as a patent application on May 9, 2003 and has been assigned Serial Number 10/435,439.

WHEREAS, New York University, 70 Washington Square, South, New York, New York 10012, which, together with its successors and assigns is hereinafter called "ASSIGNEE," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited.

NOW, THEREFORE, for and in consideration of good and valuable consideration furnished by ASSIGNEE to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

- 1. Assign, transfer, and convey to ASSIGNEE the entire right, title, and interest in and to said inventions and discoveries, said United States Patent Application, any and all other applications for Letters Patent(s) on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, reexamination and convention applications based in whole, or in part, upon said inventions or discoveries, or upon said United States Patent Application, and any and all Letters Patent(s), reissues, and extensions of Letters Patent(s) granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon, or arise from, said inventions, said discoveries, said applications, and said Letters Patent(s);
- 2. Authorize ASSIGNEE to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable, under International Conventions or otherwise;
- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments throughout the world to issue or transfer all said Letters Patent(s) to ASSIGNEE, as assignee of the entire right, title, and interest therein or otherwise as ASSIGNEE may direct;

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- 4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents, or any license to use the same, or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to ASSIGNEE without encumbrance;
- ASSIGNEE's request and at ASSIGNEE's expense, but without additional consideration to either us or them, all acts reasonably serving to assure that said inventions and discoveries, said patent applications, and said Letters Patent(s) shall be held and enjoyed by ASSIGNEE as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this Assignment had not been made; and particularly to execute and deliver to ASSIGNEE all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by ASSIGNEE; and to communicate to ASSIGNEE all facts known to us relating to said inventions and discoveries or the history thereof, and to testify as to the same in any court or proceeding; and to furnish ASSIGNEE any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN TESTIMONY WHEREOF, I have hereunto set my hand and sea	alabia Silawas
IN TESTIMONY WHEREOF, I have hereunto set my hand and sea	ii iiis day oi
OCTOBOX, 203 (Month/Year).	

Seth J. Orlow, M.D., Ph.D.

On this 5000 day of 0000 (Month/Year), Seth J. Orlow, personally known to me to be the same individual who executed the foregoing Assignment, and who acknowledged to me that execution of the same was of his own free will for the use and purposes therein set forth.

WITNESS:

Signature

Printed Name

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MYRA L. FREED

Notary Public, State of New York

No. 02FR4753530

Qualified in New York County

Commission Expires Oct. 31, 2005

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 29 day of				
September (Month/Year).	A			
	Hlanga.			
Prash	niela Manga			
On this 29 day of September (Month	/Year), Prashiela Manga, personally known to			
me to be the same individual who executed the foregoing Assignment, and who acknowledged to me that				
execution of the same was of his own free will for the use and purposes therein set forth.				
WITNESS:	Signature Amy Kostoffe			
Ty Public, State of Ohio Fortuna My Commission Expires Dec. 28, 2005	Printed Name			
IN TESTIMONY WHEREOF, I have hereunto se	et my hand and seal this day of			
eptember 2003 (Month/Year).				
	L. Stolera			
Lilia	na Staleva, Ph.D.			
On this 18 day of Scrtember 70.3 (Month	/Year), Liliana Staleva, personally known to me			
to be the same individual who executed the foregoing Assignment, and who acknowledged to me that				
execution of the same was of his own free will for the use and purposes therein set forth.				
WITNESS:	Signature The Greget Printed Name			

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RECORDED: 10/16/2003