FORM PTO-1595 (Rev. 6-93)	REC	07-02-	1999	ΞT	U.S. DEPARTMEN	T OF COMMERC
MIRN 6-28-99		10109				
To the Honorable Commissioner	of Patents and	์ โทโท๊ล	บลด		iginal document or	copy thereof.
Name(s) of conveying party	/(ies):	-1.	2. Name and	d address of	f receiving party:	
1) SOUMITRA GHOSH 2) ROBERT E. DAVIS 3) 10N 2 1999 4) 5) 6)			Name: MITOKOR			
			Internal Address:			
Additional names of conveying parties at	ttached?Yes	<u>X</u> No	<u></u>			
Nature of conveyance: X Assignment Merger Security Agreement Change of Name			Street Address: 11494 SORRENTO VALLEY ROAD			
Other		INAIIIC	City: <u>SAN</u>	N DIEGO	State _	CA
Execution Dates:			Zip: <u>92121</u>			
1) JUNE 2, 1999 4) 2) JUNE 16, 1999 5) 3)6)			Additional names	& addresses a	attached? _	_Yes <u>X</u> No
Application number(s) or re	gistration numb	er(s):				
If th	is document is l the exec	being filed t ation date o	ogether with a of the applicati	new application is	ation,	
A. Patent Application No(s) 09/299 044 1999 HLE111 00000091 09299044).		B. Patent	t No(s).		
581 40.00	90					
<u> </u>	Additional numb	ers attache	d? Ye	es <u>X</u> No)	
Name and address of party concerning document shou	Name and address of party to whom correspondence concerning document should be mailed:			6. Total number of applications and patents involved1		
Name: SEED	AND BERRY L	LP				
Internal Address: <u>KARL</u>	R. HERMANNS	·	7. Total Fee	(37 CFR 3.	41):	\$40.0
6300 6	COLUMBIA CEI	NTER	X Encl	osed		
Street Address: 701 F	IFTH AVENUE		Auth	orized to be	charged to depo	sit account
City: <u>SEATTLE</u> State: <u>WA</u> ZIP: <u>98104-7092</u>		-7092	8. Deposit account number:			
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	D	O NOT USE	THIS SPACE		1.0000	
Statement and signature. To the best of my knowledge true copy of the original documents.		e foregoing	information is	true and co	rrect and any atta	ached copy is
KARL R. HERMANNS		4/			6/24/9	9
Name of Person Signing	9	Signati	ıre		Date	

OMB No. 0651-0011 (exp 4/94) C:\KRH\99-2\7100 - Docket No. 660088.414

Total number of pages including cover sheet, attachments, and document:

ASSIGNMENT

WHEREAS, we, Soumitra Ghosh and Robert E. Davis (hereinafter referred to as ASSIGNORS), having post office addresses of 12334 Pathos Lane, San Diego, California 92129, and 13272 Glencliff Way, San Diego, California 92130, respectively, are the joint inventors of an invention entitled "COMPOUNDS AND METHODS FOR TREATING MITOCHONDRIA-ASSOCIATED DISEASES," as described and claimed in the specification for which an application for United States letters patent was filed on April 23, 1999 and assigned Application No. 09/299,044; and that this application discloses and claims subject matter disclosed in our earlier-filed Provisional Application No. 60/082,998, entitled "MITOCHONDRIA PROTECTING AGENTS FOR TREATING MITOCHONDRIA ASSOCIATED DISEASES," which we filed in the United States Patent and Trademark Office on April 24, 1998.

WHEREAS, MITOKOR (hereinafter referred to as ASSIGNEE), a corporation of the State of California having a place of business at 11494 Sorrento Valley Road, San Diego, California 92121, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

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PATENT , REEL: 010059 FRAME: 0109

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Date		Soumitra Ghosh
State of California)	
County of San Dieg) (<u>16)</u>	SS.
I contife that	I know or how	e satisfactory evidence that Soumitra Ghosh is the
•		erson acknowledged that he signed this instrument
1 11	•	untary act for the uses and purposes mentioned in
the instrument.	ns nee and von	antary act for the uses and purposes mentioned in
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	Dated 4	me 2, 1999
JACQUELINE J. ALTMAN	Signature of	γ ρ ρ ρ ρ
Comm. #1131778	Notary Public	Stilgueline J. XII Man
NOTARY PUBLIC CALIFORNIA San Diego County My Comm. Fusion County	Printed Name	Lacqueline J. ALTMAN
My Comm. Expires March 31, 2001	My appointm	ent expires March 31, 2001
June 16, 1990	<u> </u>	Robert E. Davis
State of alifornia)	SS.
County of <u>X) an Hueg</u>	<u>ə</u>)	
I certify that	I know or have	e satisfactory evidence that Robert E. Davis is the
person who appeared before	me, and said p	erson acknowledged that he signed this instrument
and acknowledged it to be I	nis free and vol	untary act for the uses and purposes mentioned in
the instrument.		
••••		1. 1000
JACQUELINE J. ALTMAN	Dated \(\frac{1}{2} \)	ne 16, 1999
Comm. # 1131778 NOTARY PUBLIC - CALIFORNIA San Diago County	Signature of Notary Public	Incoucline & Attman

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My Comm. Expires March 31, 2001

RECORDED:, 06/28/1999

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My appointment expires

Printed Name

Throweline J. ALTMan