

102535390 IN THE UNITED STATES PATENT AND I KADEMARK OFFICE

	Application IETZ et al.	of: 825-D3)			
	o.: 10/438,78	4)))]	RECORDATION OF	<u>ASSIGNMENT</u>	
Filed: Ma	ay 14, 2003)			
Atty. File	e No.: 2997-3	0)	CERTIFICATE OF	MAILING	
	For: "CAROTENE SYNTHASE GENE AND USES THEREFOR") HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO THE COMMISSIONER FOR PATENTS PO. BOX 1450, ALEXANDRIA, VA 22313-1490 ON SHERIDAN ROSSPC.		
Commiss P.O. Box	sioner for Pat		В	v. 7 Stulein	Kausell	
Dear Sir:						
P	lease record t	he attached original do	ocuments or	copy thereof:	19	
1.	. Name o	of conveying parties:			AUG 2 OPR/	
		Craig A. Weaver James G. Metz Jerry M. Kuner Frank H. Overton, Jr.			203 AUG 25 AM 10: 00 OPR/FINANCE	
2.	Name a	and address of receiving	ng party(ies):	:		
		Martek Biosciences C 6480 Dobbin Road Columbia, Maryland	-			
/ 3.	Nature	of Conveyance:				
į .	[X] [] 0079 10438784	Assignment Security Agreement Other	[]	Merger Change of Name		
01 FC:8021	Exe cut	folf Date: 8/1/03; 8/4/0	03; 8/1/03; 8	/5/03		
4.	Applica	ation number(s) or pat	ent number(s)		

PATENT REEU 4419 FRAME: 0995 If this document is being filed together with a new application, the execution date of the application is:

- A. Patent Application No.(s): 10/438,784
- B. Patent No.(s): None.
- 5. Name and address of party to whom correspondence concerning documents should be mailed:

Angela Dallas Sebor Sheridan Ross P.C. 1560 Broadway, Suite 1200 Denver, Colorado 80202-5141

- 6. Total number of applications and patents involved: 1.
- 7. Total fee (37 CFR 3.41).....\$40.00.
 - [X] Enclosed
 - [X] Any deficiency in payment of recording fee is authorized to be charged to Deposit Account.
 - [] Authorized to be charged to deposit account.
- 8. Deposit account number: 19-1970.....
- 9. 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.

Total number of pages including cover sheet, attachments and document: _5_

Respectfully submitted,

SHERIDAN ROSS P.C.

Bv:

Angela Dallas Sebor Registration No. 42,460

1560 Broadway, Suite 1200

Denver, CO 80202-5141

(303) 863-9700

Date: dug. 20, 2003

PATENT
REEL: 014419 FRAME: 0996

ASSIGNMENT

WHEREAS, we, Craig A. Weaver of 4542 Starboard Drive, Boulder, Colorado 80301, James G. Metz of 542 E. 16th Avenue, Longmont, Colorado 80501, Jerry M. Kuner of 6469 North 63rd Street, Longmont, Colorado 80503, and Frank H. Overton, Jr. of 4824 Edison Avenue, Boulder, Colorado 80301, have invented a certain new and useful invention entitled "CAROTENE SYNTHASE GENE AND USES THEREFOR", for which an application for Letters Patent of the United States has been prepared and filed on May 14, 2003, receiving Serial No. 10/438,784, and further identified as Attorney File No. 2997-30;

NOW THEREFORE, be it known that we, the said inventors, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Martek Biosciences Corporation, a Delaware corporation having a place of business at 6480 Dobbin Road, Columbia, Maryland 21045, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty, and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; we also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; we warrant that we have made no assignment of the invention, application or patent therefor to a party other than Martek Biosciences Corporation and we are under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and we further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Martek Biosciences Corporation, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

Date: 8103	By: Craix A. Weaven
	Craig A. Weaver
Date: 8/4/03	By: James G. Metz
	James G. Metz
Date: 8/1/03	By: Jerry M. Kuner
,	
Date: $8/5/03$	By: Ich A. Oreta fr.
	Frank H. Overton, Jr.

CT - TT - CT	
STATE OF)
COUNTY OF) ss.)
known to me to be the person whose to me that he executed the same for t	and for said County and State, personally appeared Craig A. Weaver, name is subscribed to the foregoing instrument, and acknowledged he purposes and considerations therein expressed.
Given under my hand and sea	al of office this /st day of August, 2003.
OTANO	Conne & Hoon
OF COLONIE	Notary Public / My commission expires: 4-7-2006
STATE OF Section Expires 04/07/2006)) ss.
COUNTY OF)
known to me to be the person whose to me that he executed the same for t	and for said County and State, personally appeared James G. Metz, name is subscribed to the foregoing instrument, and acknowledged the purposes and considerations therein expressed. all of office this
known to me to be the person whose	and for said County and State, personally appeared Jerry M. Kuner, name is subscribed to the foregoing instrument, and acknowledged the purposes and considerations therein expressed.
	al of office this /st day of August, 2003.
Wy Commission Expires 04/07/2006	Notary Public My commission expires: 4-7-2006
40 k rociningatos Publica Analigada	

PATENT REE 014419 FRAME: 0998

STATE OF)
) ss.
COUNTY OF)

Before me, a Notary Public in and for said County and State, personally appeared Frank H. Overton, Jr., known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 5th day of _



RECORDED: 08/25/2003

My commission expires:_