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M/b 1.3.01 101575227

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

	1. Name of conveying party(ies):	2. Name and address of receiving party(ies):			
	Charles W. CRAVEN Tommy MORRISON	Merck Patent Gesellschaft Init beschraenkter Haftung			
	No additional names attached ⊠	Frankfurter Straße 250 D-64271, DARMSTADT, GERMANY			
	3. Nature of Conveyance:				
	■ assignment □ merger	No additional names(s) or address(es) attached			
	☐ security agreement ☐ change of name				
	□ other				
	EXECUTION DATE: October 6, 2000				
	4. Application number(s) or patent number(s): THIS DOCUMENT IS NOT BEING FILED WITH A NEW APPLICATION.				
امحد	A. Patent Application Number(s) 09/701,841	B. Patent Number(s)			
	5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1 7. Total fee (37CFR 3.41) \$40.00 Check enclosed			
	Name: MILLEN, WHITE, ZELANO & BRANIGAN, P.C.	■ Charge any deficiencies in the payment of fees			
	Address: Arlington Court Plaza I	associated with this			
	Suite 1400 2200 Clarendon BLVD.	communication or credit any overpayment to			
	Arlington, VA 22201	8. DEPOSIT ACCOUNT NO. 13-3402			
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	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.				
	Tracy A. Luke	January 3, 2000			
	Legal Assistant for Applicant(s) Signatu	Date Date			
-	 ♦ Total number of pages including cover sheet, attac ♦ Attorney Docket # MERCK-2180 	chments and documents: 2			
'200	1 GTDN11 00000297 09701841				

PATENT REEL: 011391 FRAME: 0359

ASSIGNMENT

ATTY. DOCKET NO .:

WHEREAS the below named inventor (if only one inventor is named below) of inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement relating to

Conta	aminant Reduced N	Marine Oil	~ •	***
□ ⊠	December 5.	Letters Patent to be filed in the United State erial No. 09/701, 341 for Lett 2000 pplication was filed on 27,05,1999		e was executed on even date Patent and Trademark Office on _, designating the United States
	AND WHEREAS	MERCK PATENTGESELLSC HAFT MIT BESCHRÄNKTER HAFTUNG Darmstadt, Germany		

hereinafter referred to as the ASSIGNEE, is desirous of acquaring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof.

NOW. WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representives, the entire and exclusive right, title and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all priority and/or conventions rights or benefits accruing or to accrue with respect to the filling or securing of patents in the United States and/or any countries foreign thereto, SAID ASSIGNEE its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all divisions and continuations thereof, and any and all Letter Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, with all the rights, powers, privilegs and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extension thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as simple and benefical a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to executed all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to executed any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns, and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN TESTIMONY THEREOF this assignment os executed by ASSIGNOR

201 FULL NAME OF SOLE INVENTOR OF FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
Charles W. Craven		6/10/00
202 FULL NAME OF SECOND JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Tommy Morrison	J. moni	6/10/00
203 FULL NAME OF THIRD JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
204 FULL NAME OF FOURTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
205 FULL NAME OF FIFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
206 FULL NAME OF SIXTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
207 FULL NAME OF SEVENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
208 FULL NAME OF EIGHTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
209 FULL NAME OF NINETH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
210 FULL NAME OF TENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
211 FULL NAME OF ELEVENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
212 FULL NAME OF TWELFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
	<u>i</u>	

RECORDED: 01/03/2001

PATENT REEL: 011391 FRAME: 0360