Attorney's Docket No.: RTS-0100

11-05-1999



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9. Statement and signature.

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PATENT REEL: 010353 FRAME: 0098 "Express Mail" Label No.: EL263652715US
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ASSIGNMENT

WHEREAS, we C. Frank Bennett residing at 1347 Cassins Street Carlsbad CA 92009 and Lex M. Cowsert, residing at 3008 Newshire Street Carlsbad CA 92008 hereinafter referred to as the assignors, are the joint inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Case No. RTS-0100 entitled Antisense Modulation of Protein kinase C-theta Expression; filed concurrently herewith; and

WHEREAS, **Isis Pharmaceuticals, Inc.** hereinafter referred to as the assignee, of **2922 Faraday Ave, Carlsbad California 92008**, a corporation of Delaware, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid by said assignee and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries and any reissue or reissues or extension or extensions of said Letters Patent and assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

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PATENT | REEL: 010353 FRAME: 0099

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

We further authorize and direct our attorneys to insert below* the serial number and filing date of said application now identified as Case No. RTS-0100 as soon as the same shall have been made known to them by the United States Patent Office.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Dated: 10-22-99

STATE OF

COUNTY OF

before me personally came the above-named C. Frank Bennett, who executed the foregoing Assignment in my presence and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.

> LANE B.D. SCHWARTZ Commission # 1196197 Notary Public - California San Diego County vly Comm. Expires Sep 13, 2002

My commission expires: Sep. 13, 2002

[SEAL]

Dated: 10/14/99		JM-L		
<i>,</i> '	6	, Vex M. Cowsert	5	
STATE OF) ss.	,		
COUNTY OF) 55.			
This day the above-named Lex M. County my presence and who acknow own free will for the purp	wsert, who wledged to	me that he exe	oregoing Assig	gnment in
LANE B.D. SCHWARTZ Commission # 1196197 Notary Public - California San Diego County My Comm. Expires Sep 13, 2002		Notary Public My commission		13,2002
[SEAL]	-			
Dated:				
STATE OF)			
COUNTY OF) ss.)			
This day came the above-named who presence and who acknowled free will for the purposes	executed to me	the foregoing A that he execut		лу
		Notary Public	for	
		My commission	expires:	
[SEAL]				

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