	OIPE		j)/#	00 04 4000	5.010
	SEP 1 5 1999 PATENT			09-21-1999	ERCE Office
То	the Honorable Commission of Patents and Trademarks: Please re	ecord	the attached orig	101149617	
1.	Name of conveying party(ies): PAL NYREN	2.	Name and addres	s of receiving party(ies)	
	Additional name(s) of conveying party(ies) attached? [] Yes [X] No		Name: <u>PYROS</u> Address: <u>Vallor</u>	EQUENCING AB agatan 1	
3.	Nature of conveyance: [X] Assignment [] Security Agreement [] Other			ate: Sweden Zip: S-752 28 (s) and address(es) attached? [X] No	
Exe	ecution Date: <u>August 10, 1999</u>				
4.	Application number(s) or patent number(s)	1			
If tl	his document is being filed together with a new application, the exe	ecutio	n date of the applic	eation is	
	Patent Application No.(s) 331,517	B.	Patent No.(s)		
5.	Additional numbers attached? Name and address of party to whom correspondence concerning document should be mailed:	6.	[] Yes Total number of a	[X] No applications and patents involved:	1
	Name: Janet M. MacLeod	7.	Total fee (37 CFI	R 3.41):	\$_40
	BAKER & BOTTS, L.L.P.		[X] Enclosed	be charged to deposit account	- <u></u>
	Address: 30 Rockefeller Plaza - 44 Fl.	8.	Deposit account	number:	
	City: New York State: NY Zip: 10112		02-4377 (Attach duplicate account)	copy of this page if paying by deposit	
	DO NOT USE	ТНІ	S SPACE		
9.	Statement and signature				
	To the best of my knowledge and belief, the foregoing instrument original document.	ation	is true and correct	and any attached copy is a true copy of	the
<u>Jar</u>	net M. MacLeod	7	(auth.)	Newfurd September 13,	<u> 1999</u>
	Name of Person Signing	9	Signate	Date Date	
Tot	tal number of pages including cover sheet, attachments and docume	ent:	3		
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> PATENT REEL: 010241 FRAME: 0503

ASSIGNMENT

WHEREAS, I, PAL NYREN, a citizen of Sweden, whose post office address is Riksradsvägen 67, S-128 39 Skarpnåck, Sweden, have made an invention entitled "METHOD OF SEQUENCING DNA BASED ON THE DETECTION OF THE RELEASE OF PYROPHOSPHATE" as set forth and described in application for Letters Patent of the United States Serial No. 09/331,517, which is the national stage of PCT/GB97/03518 filed December 22, 1997; and

WHEREAS, PYROSEQUENCING AB, a corporation organized and existing under the laws of Sweden, and having an office for the transaction of business at Vallongatan 1, S-752 28 Uppsala, Sweden, is desirous of acquiring the entire right, title and interest in and to said invention and any improvements thereon, and in and to the said application for Letters Patent therefor, and any Letters Patent which may be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that I, the said PAL NYREN, for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, to me in hand paid by said PYROSEQUENCING AB, and other valuable considerations unto me moving from said PYROSEQUENCING AB, at or before the ensealing and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said PYROSEQUENCING AB, its successors and assigns, the entire right, title and interest in and to the said invention entitled "METHOD OF SEQUENCING DNA BASED ON THE DETECTION OF THE RELEASE OF PYROPHOSPHATE" as set forth and described in application for Letters Patent of the United States Serial No. 09/331,517, which is the national stage of PCT/GB97/03518 filed December 22, 1997, and any and all improvements thereon, and in and to said application and any division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;

AND I, the said PAL NYREN, do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said PYROSEQUENCING AB, as the assignee of the entire right, title and interest in and to

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PATENT REEL: 010241 FRAME: 0504 the same, for the sole use and benefit of said PYROSEQUENCING AB, its successors and assigns;

AND I, the said PAL NYREN, for the considerations aforesaid, do hereby covenant and agree to and with said PYROSEQUENCING AB, its successors and assigns, that I have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that I, my executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said PYROSEQUENCING AB, its successors and assigns, may be required or necessary to more effectively secure to and vest in said PYROSEQUENCING AB, its successors and assigns, the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, benefits, privileges and advantages hereby sold, assigned, transferred and conveyed, and that I will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

PAL NYREN

Witness:

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RECORDED: 09/15/1999