07-02-2001 PATENTS ONLY PATENTS ONLY TO THE HO **ADEMARKS** Please ru 101765698 y thereof Name of conveying party(ies) Name and Address of receiving party(ies) Name: Yeda Research and Development Co., Ltd. at the (1) Aviva LAPIDOT Weizmann Institute of Science_ (2) Robert IAKOBASHVILI Address: P.O. Box 95 JUN 2 2 2001 (3) Gennady MALIN Rehovot 76100, Israel Additional name(s) of conveying party(ies) a Additional name(s) & address(es) attached? [] Yes [XX] No Nature of conveyance: [XX] Assignment [] Change of Name [] Other] [] Security Agreement [] Merger Execution Date: (1) July 30, 2000 (2) July 27, 2000 (3) July 28, Application number(s) or patent number(s). If this document is being filed together with a new application, the execution date of the application is: Patent Application No(s). Patent No(s). 09/601,943 Additional numbers attached? [] Yes [XX] No Name and address of party to whom correspondence Number of applications and patents involved: concerning document should be mailed: (1)BROWDY AND NEIMARK, P.L.L.C. Amount of fee enclosed or authorized to be charged: 624 Ninth Street, N.W. Suite 300 \$40.00 Washington, D.C. 20001-5303 PTO Form-2038 in the amount of \$40.00 is attached. Do Not Use This Space 06/28/2001 GTEFFERA 00000089 09601943 01 FC:581 40.00 D Statement and Signature. To the best of my knowledge and belief, the foregoing information is true and correct and appl attached copy is a true copy of the original document.

Sheridan Neimark (Reg. No. 20,520)

Name of Person Signing

<u>() 6-22-01</u>

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Total number of pages including cover sheet [05]

ASSIGNMENT

(1–5)	Insert Name(s) of Inventors	(1)	Aviva LAPIDOT				
		(2)	Robert IAKOBASHVILI				
		(3)	Gennady MALIN				
-		(4)					
		(5)					
		In cons paid to eac	ideration of the sum of ten dollars (\$10.00) and other good and valuable considerations in of the undersigned, the receipt of which is hearby acknowledged, each of the lagrees to assign, and hereby does assign, and set over to				
(6)	Insert Name of Assignee	(6)	Yeda Research and Development Co. Ltd.				
m	Insert Address of Assignee	(7)	at the Weizmann Institute of Science, P.O. Box 95.				
			Rehovot 76100, Israel				
			r designated as the Assignee) the entire right, title and interest owned by the d for the United States, its territories, dependencies and possessions, in the nown as				
(B)	Insert Identification of Invent such as Tille, Case Number of	• •	METHODS FOR DNA AMPLIFICATION AND SEQUENCING				
	Foreign Application Number	بادادات محم	the undersigned has executed an application for patent in the United States of				
		America	the initiality for the executed an application for patent in the office States of				
(9)	Insert Date of Signing	(9)	on				
	of Application						
(10)	Alternative Identification	(10)	U.S. Application Number				
,	for Filed Applications		filed				
		and each o	f the undersigned also agrees to assign, and hereby does assign, transfer and set over to				
		said assigne	e all applications for patent and any original and reissued Letters Patent of the United				
States granted for said invention and any divisions, reissues, continuations and extensions there and in and to any Letters Patent that may be granted thereon, including the subject matter of an and all claims which may be obtained in every such patent.							
1) Each of the undersigned agrees to execute all papers in connection with the application and any continuing or divisional or reissue							
application	ons thereof and also to execute or essential to its full protect	rute separate assignment of the second title in and to	ments in connection with such applications as the Assignee may deem necessary or				
expedient or essential to its full protection and title in and to the invention hereby transferred. 2) Each of the undersigned agrees to execute all papers necessary in connection with any interference which may be declared							
concerni evidence	ng this application or continu and going forward with such	ation or division or interference.	re-issue thereof and to cooperate with the Assignee in every way possible in obtaining				
0.1201144			all affirmative acts which may be necessary to obtain a grant of a valid United States				
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4) Each of the undersigned agrees to communicate to the Assignee or representatives thereof any facts known to him or her respecting the invention and improvements thereof, and will, upon request, but without expense to him or her, testify in any legal proceedings regarding the invention.							
	5) Each of the undersign	ed hereby anthorize	s and requests the Commissioner of Patents to issue any and all Letters Patents of the				
United St	tates resulting from said appli	cation or any divisio	n or divisions or continuing applications thereof to the said Assignee, as Assignee of the				
entire interest, and hereby covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not execute and will not execute, any agreement in conflict herewith.							
identifica	ntion which may be necessar,	ned hereby grants to y or desirable in or	he firm of Browdy and Neimark the power to insert on this assignment any further the to comply with the rules of the United States Patent Office for recordation of this				
documen		l be binding upon th	e heirs, executors, administrators, and/or assigns of each of the undersigned, and shall				
imme to t	he benefit of the heirs, execut	ors, administrators,	successors and/or assigns of the Assignee.				
	In witness whereof, execu	ited by each of the	undersigned on the date opposite the name of the undersigned.				
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Date		Titness Sau	ewe Cfarlett				
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ASSIGNMENT

(1-5)	Insert Name(s) of Inventors	(I) Aviva LAPIDOT				
		(2) Robert IAKOBASHVILI				
		(3) Gennady MALIN				
		(4)				
		(5)				
		In consideration of the sum of ten dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, the receipt of which is hereby acknowledged, each of the undersigned agrees to assign, and hereby does assign, and set over to				
(6)	Insert Name of Assignee	(6) Yeda Research and Development Co. Ltd.				
(7)	Insert Address of Assignee	(7) at the Weizmann Institute of Science, P.O. Box 95,				
		Rehovot 76100, Israel				
		(hereinafter designated as the Assignee) the entire right, title and interest owned by the undersigned for the United States, its territories, dependencies and possessions, in the invention known as				
(8)	Insert Identification of Invention,	(8) METHODS FOR DNA AMPLIFICATION AND SEQUENCING				
	such as Title, Case Number or Foreign Application Number					
		for which the undersigned has executed an application for patent in the United States of				
(9)	Insert Date of Signing	(9) on				
	of Application					
(10)	Alternative Identification	(10) U.S. Application Number				
	for Filed Applications	filed				
		and each of the undersigned also agrees to assign, and hereby does assign, transfer and set over said assignee all applications for patent and any original and reissued Letters Patent of the Unit States granted for said invention and any divisions, reissues, continuations and extensions then and in and to any Letters Patent that may be granted thereon, including the subject matter of a and all claims which may be obtained in every such patent.				
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concerni	2) Each of the undersigned a	rees to execute all papers necessary in connection with any interference which may be declar or division or re-issue thereof and to cooperate with the Assignee in every way possible in obtain				
	3) Each of the undersigned again the Assignee.	ees to perform all affirmative acts which may be necessary to obtain a grant of a valid United Sta				
4) Each of the undersigned agrees to communicate to the Assignee or representatives thereof any facts known to him or her respecting the invention and improvements thereof, and will, upon request, but without expense to him or her, testify in any legal proceedings regarding the invention.						
United S	5) Each of the undersigned he tates resulting from said application	eby authorizes and requests the Commissioner of Patents to issue any and all Letters Patents of or any division or divisions or continuing applications thereof to the said Assignce, as Assignee of or she has full right to convey the entire interest herein assigned, and that he or she has not execut herewith.				
identific	Each of the undersigned hation which may be necessary or continuous.	reby grants the firm of Browdy and Neimark the power to insert on this assignment any furnesirable in order to comply with the rules of the United States Patent Office for recordation of				
document. 7) This Assignment shall be binding upon the heirs, executors, administrators, and/or assigns of each of the undersigned, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns of the Assignee.						
	In witness whereof, executed b	each of the undersigned on the date opposite the name of the undersigned.				
(1) Da	te Signate	re of Inventor				
(2) Da	te 27/07/2000 Signati	re of Inventor				
(3) Da	te Signati	re of Inventor				
(4) Da		ere of Inventor				
(5) Da		ere of Inventor				
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Date	24.7.00. Witnes					

PATENT REEL: 011931 FRAME: 0932

ASSIGNMENT

(1-5)	Insert Name(s) of Inventors	(1)	Aviva LAPIDOT			
		(2)	Robert IAKOBASHVILI			
		(3)	Gennady MALIN			
		(4)				
		(5)				
		paid to eac	ideration of the sum of ten dollars (\$10.00) and other good and valuable considerations the of the undersigned, the receipt of which is hereby acknowledged, each of the lagrees to assign, and hereby does assign, and set over to			
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(10)	Alternative Identification for Filed Applications	(10)	U.S. Application Number			
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		said assigned States granted and in and the and all claim	e all applications for patent and any original and reissued Letters Patent of the United ed for said invention and any divisions, reissues, continuations and extensions thereof or any Letters Patent that may be granted thereon, including the subject matter of any as which may be obtained in every such patent.			
	ons thereof and also to execu	ite separate assignn	all papers in connection with the application and any continuing or divisional or reissue nents in connection with such applications as the Assignee may deem necessary or the invention hereby transferred.			
evidence	ing this application or continual and going forward with such it	tion or division or r nterference.	te all papers necessary in connection with any interference which may be declared re-issue thereof and to cooperate with the Assignee in every way possible in obtaining all affirmative acts which may be necessary to obtain a grant of a valid United States			
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entire in	states resulting from said applicaterest, and hereby covenants the not execute, any agreement in context.	ation or any division at he or she has full conflict herewith.	and requests the Commissioner of Patents to issue any and all Letters Patents of the or divisions or continuing applications thereof to the said Assignee, as Assignee of the right to convey the entire interest herein assigned, and that he or she has not executed			
6) Each of the undersigned hereby grants the firm of Browdy and Neimark 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 Office for recordation of this document.						
inure to	the benefit of the heirs, executor	rs, administrators, s	e heirs, executors, administrators, and/or assigns of each of the undersigned, and shall successors and/or assigns of the Assignee. Indersigned on the date opposite the name of the undersigned.			
	in witness whereof, executi	ed by each of the u	indersigned on the date opposite the name of the undersigned.			
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(2) Da	teSig	mature of Inventor				
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