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I DID'I I I D'ATT	FORM COVER SHEET U.S. Department of Commerce TS ONLY
To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.
1. Name and address of conveying party(ies): Name: Joseph A. Sorge Street Address: 5320 W. Pine Meadows Road City: Wilson State: Wyoming ZIP: 83014 Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No 3. Nature of Conveyance: ☒ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: March 29, 2004; March 15, 2004; April 1, 2004; March 31, 2004; March 17, 2004	2. Name and address of receiving party(ies): Name: Stratagene Internal Address: Internal Address: 11011 North Torrey Pines Road City: La Jolla State: California ZIP: 92037 Additional name(s) and address(es) attached?
4. Application number(s) or registration numbers: If being submitted with New Application, execution date of application is: A. Patent Application No.(s) 10/734,563 Additional numbers at	B. Patent No.(s) tached? □ Yes ⋈ No
Name and address of party to whom correspondence concerning document should be mailed: Name: Kathleen M. Williams Internal Address: Palmer & Dodge LLP Street Address: 111 Huntington Avenue City: Boston State: MA ZIP: 02199	6. Total number of application and patents involved: 7. Total fee (37 CFR 3.41) \$ 40.00 Enclosed Authorized to charge deficiencies to deposit account 8. Deposit account number: 16-0085 Ref. 25436/2345C (Attach duplicate copy of this page if paying by deposit account)
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true a	TUSE THIS SPACE
Kathleen M. Williams Name of Person Signing Signatu	1) Q e aluil 9 2004

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment and Recordation Services, Commissioner of Patents and Trademarks,

P.O. Box 1450, Alexandria, VA 22313-1450

Attorney Docket No.: 25436/2345C

Serial No.: 10/734.563

Page 2 of FORM PTO-1595

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U.S. Department of Commerce

Name and	l address of additional conveying	g party(ies): IF ANY
Name:	Reinhold Dietrich Mueller		
Street Ad	dress: 10768 Scripps Ranch.	Blvd. #20	
City:	San Diego		
State:	California	ZIP:	92131
Name and	I address of additional conveying	g party(ies	s): IF ANY
Name:	Gothami Padmabandu		
Street Ad	dress: 15772 Camino Codon	niz	•
City:	San Diego	•	
	Çalifornia	ZIP:	92127
	d address of additional conveying	g party(ie:	s): IF ANY
Name:	Nick Roclofs		
Street Ad	dress: 4615 Torrey Circle #2	206	
City:	San Diego		
State:	California	ZIP:	92130
	1 11 0 1122 1		
	d address of additional conveying	g party(10	s); IF ANY
	Holly H. Hogrefe		
	dress: 6045 Dirac Street		
	San Diego		
State:	California	ZIP:	92122

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to: Stratagene, a California corporation, having a principal place of business at 11011 North Torrey Pines Road, La Jolla, California 92037, its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

DNA POLYMERASE COMPOSITIONS FOR QUANTITATIVE PCR AND METHODS THEREOF

and identified as:

Serial No.: 10/734,563; Filed: December 12, 2003

and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignees, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignees, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignees, its successors and assigns, to the full end of

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Serial No.: 10/734,563

Page 2

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the term for which said Letters Patent will have been held and enjoyed by the undersignate:	be granted, as fully and gned if this assignment leading to the same of the sa	Joseph A. Sorge 5320 W. Pine Meadows Road Wilson, WY 83014
County of SAN DIEGO)) ss. State of CALIFORNIA)		
Subscribed and sworn to before me	by the above-named JO	SEPH A. SORGE on
MANA RIPU Commission 1379727 Notory Public - Collignio Son Diego Coursy My Corren. Espires Oct 12, 2004	My Commissi	a Kupu on Expires: 10/12/04
Date: 3-15-04	Name of Inventor: Address of Inventor:	Reinhold Dietrich Mueller
County of SAN DIEGO)) ss. State of CALIFORNIA)		
Subscribed and sworn to before me MUELLER on ৪/15/০৭	by the above-named RE	EINHOLD DIETRICH
date	Tomas	a Vience
	Notary Public My Commissi	on Expires: 10/1-2/06

Serial No.: 10/734,563

Page 3	
Date: 4 1 0 4	Name of Inventor: Gothami Padmabandu Address of Inventor: 15772 Camino Codorniz San Diego, CA 92127
County of SAN DIEGO)) ss. State of CALI FORNIA)	
Subscribed and sworn to before me to date TAMARA KUPU Commission # 1379727 Notory Public - Conformic Son Diego County My Comm. Expires Oct 12, 2006 (Seal)	Tamasa Lupu- Notary Public My Commission Expires: 10/12/06
Date: 3/3//04	Name of Inventor: Nick Roelofs Address of Inventor: 4615 Torrey Circle #206 San Diego, CA 92103- 92130
County of SAN DIEGO)) ss. State of CALIFORNIA)	
Subscribed and sworn to before me to 3/31/04 date tamara kupu Commission # 1379727 Notary Public - California San Diego County My Comm. Expires Oct 12, 2006	Tamasa Lugar Notary Public My Commission Expires: 10/12/06

Serial No.: 10/734,563

Page 4

Date: 3/17/04

Address of Intentor: 6045 Dirac Street San Diego, CA 92122

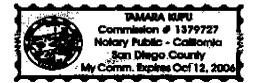
County of SAN DIEGO

) ss.

State of CALIFORNIA

Subscribed and sworn to before me by the above-named HOLLY H. HOGREFE on

date



RECORDED: 04/09/2004

My Commission Expires: 10/12/06

(Seal)