

APPLICATION NO. 09/613826	CONT/PRIOR D	CLASS 435	SUBCLASS 91.2	ART UNIT 1628	EXAMINER S. COOKE	74907
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APPLICANTS: Bert Vogelstein
Kenneth Kinzler

TITLE: Digital amplification

PTO-2040
12/99

ISSUING CLASSIFICATION								
ORIGINAL		CROSS REFERENCE(S)						
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)					
435	91.2	435	6	7.1	9.1			
INTERNATIONAL CLASSIFICATION		536	22.1	23.1	24.3	24.31	24.32	24.33
C12P	19/34							
C12Q	1/68							
C07H	21/02							
C07H	21/04							
C07H	19/00							

Continued on Issue Slip Inside File Jacket

<input type="checkbox"/> TERMINAL DISCLAIMER	DRAWINGS			CLAIMS ALLOWED	
	Sheets Drwg. 7	Figs. Drwg. 7	Print Fig. NONE	Total Claims 64	Print Claim for O.G. 1
<input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.	_____ (Assistant Examiner) (Date)			NOTICE OF ALLOWANCE MAILED	
<input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____	Jeffrey Siew 3/19/02 (Primary Examiner) (Date)			March 26, 2002	
<input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.	MONICA A. GRAVES 3/22/02 (Assistant Examiner) (Date)			ISSUE FEE (w) Amount Due: \$144.00 Date Paid: 5-21-02	
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(Attached in pocket on right inside flap)

ISSUE FEE IN FILE

~~Formal Drawings (____) set~~

~~DRAWINGS IN FILE~~

Formal Drawings (____) set
(FACE)

2. ltr re Filing claim, Dec missing	10-21-00	43.
3. DEC	03-22-01	44.
4. IDS	12-15-00	45.
5. IDS	3-2-01	46.
6. Rej (3rd)	4-12-01/19	47.
7. IDS	7/12/01	48.
8. Amdt a Replisting Dist	7/12/01	49.
9. Suppl. Disclosure Statement	07/17/01	50.
10. Final Rej (5)	9/20/01 9/20	51.
11. RSL	7/24/01	52.
12. RSL	9-20-01	53.
13. Amdt B NE	12-06-01	54.
14. Advisory Action	12-13-01 1/12	55.
15. IDS	1/13/02	56.
16. Exp of time (2)	2/20/02	57.
17. Amdt C (NE)	2/20/02	58.
18. Interview Summary	3/4/02	59.
19. RAW SEQ LISTING	3/1/02	60.
20. Interview Summary	3/19/02	61.
21. Notice of Allowability	3/24/02	62.
22. Suppl Notice of Allowability	3/24/02	63.
23. Formal Drawing	5/21/02	64.
24. Ltr Re Drawings	7/15/02	65.
25. Formal Drawings (7 sheets) set 1	7-8-02	66.
26.		67.
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SEARCHED

Class	Sub.	Date	Exmr.
435 536	6	4/7/01	JS
	7.1	↓	↓
	91.1		
	91.2		
	22.1		
	23.1		
	24.3		
	24.31		
	24.32		
	24.33		
updated			
updated		3/19/02	JS

SEARCH NOTES (INCLUDING SEARCH STRATEGY)

	Date	Exmr.		
EAST ALL DB STN CAPUS, MEDLINE, CANCERLIT, BIOSIS	4/7/01	JS		
SMD reference target single molecule genom & eq unclat molecul in bases loop hairpin stem tm melting temp	↓	↓		
updated			9/20/01	JS
updated			3/19/02	JS

INTERFERENCE SEARCHED

Class	Sub.	Date	Exmr.
435 536	6	3/19/02	JS
	7.1	↓	↓
	91.1		
	91.2		
	22.1		
	23.1		
24.3-33			

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= Allowed
 - (Through numeral)... Canceled
 + Restricted

I Interference
 A Appeal
 O Objected

Claim		Date
Final	Original	
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Claim		Date
Final	Original	
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Claim		Date
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If more than 150 claims or 10 actions
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Bib Data Sheet

CONFIRMATION NO. 9893

SERIAL NUMBER 09/613,826	FILING DATE 07/11/2000	CLASS 435	GROUP ART UNIT 1632	ATTORNEY DOCKET NO. 01107.00031
APPLICANTS Bert Vogelstein, Baltimore, MD; Kenneth W. Kinzler, BelAir, MD;				
** CONTINUING DATA ***** THIS APPLN CLAIMS BENEFIT OF 60/146,792 08/02/1999				
** FOREIGN APPLICATIONS *****				
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 08/29/2000		** SMALL ENTITY **		
Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after allowance	STATE OR COUNTRY MD	SHEETS DRAWING 7	TOTAL CLAIMS 64
Verified and Acknowledged	Examiner's Signature <i>[Signature]</i> Initials <i>[Initials]</i>			INDEPENDENT CLAIMS 5
ADDRESS 22907				
TITLE Digital amplification				
ORIGINAL FEE PAID 896	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		

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