FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

10/25/1999 NTHAI1

01 FC:581

00000353 500781

40.00 CH

09328111

10-26-1999



101181408

U.S. Department of Commerce Patent and Trademark Office **PATENT**

YYIVII!

1005-99 RECORDATION FORM COVER SHEET

PATENTS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies). Submission Type Conveyance Type **Assignment** New Security Agreement Resubmission (Non-Recordation) License Change of Name **Document ID#** Correction of PTO Error Merger Other Reel# Frame # U.S. Government Corrective Document (For Use ONLY by U.S. Government Agencies) Reel# Frame # Departmental File Secret File Mark if additional names of conveying parties attached Execution Date

Month Day Year Conveying Party(ies) Name (line 1) Endege, Wilson O. 07/01/1999 Name (line 2) Execution Date h Day Second Party Month Name (line 1) Steinmann, Kathleen E. 07/01/1999 Name (line 2) Receiving Party Mark if additional names of receiving parties attached If document to be recorded Name (line 1) Bayer Corporation is an assignment and the receiving party is not domiciled in the United Name (line 2) an Indiana Corporation States, an appointment of a domestic representative is attached. Address (line 1) 333 Coney Street (Designation must be a separate document from Assignment.) Address (line 2) Address (line 3) East Walpole MA 02032 State/Country Zip Code Domestic Representative Name and Address Enter for the first Receiving Party only. Name Address (line 1) Address (line 2) Address (line 3) Address (line 4)

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer,

FOR OFFICE USE ONLY

D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB

Page 2

U.S. Department of Commerce Patent and Trademark Office PATENT

Correspond	lent Name and A	Address	Area Code	and Telepho	one Number	508-359-	3876
Name	Roesler, Judith A.						
Address (line 1)	Bayer Corporation						
Address (line 2)	63 North Street						
Address (line 3)	Medfield, MA 02052						
Address (line 4)							
Pages	Enter the total nu	mber of pages	of the atta	ched convey	/ance documen		
	including any at				<u></u>	#	3
	Number(s) or F		• •			ditional numbers	
	he Patent Application I		nt Number (D	O NOT ENTER			rty).
	itent Application N	umber(s)			Patent M	Number(s)	
09328111							
If this document i	is being filed together	with a new Betant A		-444-		Month	Day Year
was	is being filed together	with a new Patent A	application, e	nter the date th	ie patent applicatio	n	
Patent Coop	peration Treaty	(PCT)					
only	er PCT application / if a U.S. Applicati not been assigned	number on Number _P	ст		ест	PCT	
Number of F	Properties En	ter the total nur	mber of pro	perties invo	olved. #	1	
Fee Amount	t	Fee Amount for	Properties	Listed (37	CFR 3.41): \$		40.00
Deposit	of Payment: t Account			eposit Acco	<u> </u>		
(Enter for	payment by deposit a		nal fees can l osit Accour	-	he # [50-0781	
		Autl	horization to	charge addi	tional fees: Y	es No	
Statement a	nd Signature						
To the attach	best of my knowled ed copy is a true of ted herein.	edge and belief opy of the origi	, the forego	oing informa ent. Charge	es to deposit ac	count are aut	horized, as
	Judith A. Roesler		dil	4/1	Kusli	r 10	-20-99
Name	e of Person Signin	g //		Signature	, care	, ,	Date /
				<u>-</u>			

FORM PTO-1619C Expires 06/30/99 OMB 0651-0027

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce Patent and Trademark Office PATENT

Conveying Par Enter additional Co	• • •	√ Mai	rk if additional names	of conveying parties at	Execution Date
Name (line 1) Ast	le, Jon H.				Month Day Yea 07/01/1999
Name (line 2)					Execution Date Month Day Yea
Name (line 1) Bur	rgess, Christopher C.				07/01/1999
Name (line 2)					Execution Date Month Day Yea
Name (line 1) Bus	shnell, Steven E.				Month Day Yea 07/01/1999
Name (line 2)					
Receiving Part	t y		Mark if add	ditional names of receiv	ving parties attached
Name (line 1)					If document to be recorded is an assignment and the
Name (line 2)					receiving party is not domiciled in the United States, an appointment of a domestic
Address (line 1)					representative is attached. (Designation must be a separate document from
ddress (line 2)					Assignment.)
ddress (line 3)	City		State/Country	Zip Code	
Name (line 1)					If document to be recorded is an assignment and the
Name (line 2)					receiving party is not domiciled in the United States, an appointment of a domestic
ddress (line 1)					representative is attached. (Designation must be a separate document from
ddress (line 2)					Assignment.)
ddress (line 3)	City		State/Country	Zip Code	
Application Nu	ımber(s) or Patent N	lumber(s)		Mark if additional n	umbers attached
Enter either the P	atent Application Number or	the Patent Number	ــــ DO NOT ENTER BOTI(
Paten	t Application Number(s)		Patent Number	(s)
] [
				J	

PATENT

REEL: 010324 FRAME: 0860

FORM PTO-1619C Expires 06/30/99 OMB 0651-002?

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce Patent and Trademark Office PATENT

Conveying Enter additiona	Party(ies) Il Conveying Parties	[√ Mark if	additional nam	es of conveyir	g parties atta	Execution Date
Name (line 1)	Carroll, Eddie III						07/01/1999
Name (line 2)							
							Execution Date Month Day Year
Name (line 1)	Catino, Theodore J.			-			07/01/1999
Name (line 2)							Execution Date Month Day Year
Name (line 1)	Derti, Adnan						07/01/1999
Name (line 2)							
Receiving F	Party		· · · · · · · · · · · · · · · · · · ·	Mark if	additional nam	es of receiving	ng parties attached
Name (line 1)					····		If document to be recorded is an assignment and the
Name (line 2)							receiving party is not domiciled in the United States, an appointment
Address (line 1)							of a domestic representative is attached. (Designation must be a separate document from
Address (line 2)							Assignment.)
Address (line 3)	City		St	ate/Country		Zip Code	
Name (line 1)							If document to be recorded is an assignment and the
Name (line 2)							receiving party is not domiciled in the United States, an appointment
Address (line 1)							of a domestic representative is attached. (Designation must be a separate document from
Address (line 2)							Assignment.)
Address (line 3)	City		St	ate/Country		Zip Code	
Application	Number(s) or Pa	tent Number			Mark if a		mbers attached
	he Patent Application Nur		` '	NOT ENTER B			
Pa	tent Application Nur	nber(s)	,		Patent	Number(s	;)
]					

PATENT

REEL: 010324 FRAME: 0861

FORM PTO-1619C Expires 06/30/99 OMB 0651-0027

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce Patent and Trademark Office PATENT

Conveying Enter additiona	Party(ies) I Conveying Parties	Mari	cif additional name	es of conveying parties a	Execution Date
Name (line 1)	Lewis, Marcia E.				Month Day Year 07/19/1999
Name (line 2)					Execution Date
Name (line 1)	Monahan, John E.				Month Day Year 07/01/1999
Name (line 2)					Execution Date
Name (line 1)	Schlegel, Robert				07/01/1999
Name (line 2)]
Receiving P	Party		Mark if a	additional names of rece	iving parties attached
Name (line 1)					If document to be recorded is an assignment and the
Name (line 2)					receiving party is not domiciled in the United States, an appointment
Address (line 1)					of a domestic representative is attached. (Designation must be a separate document from
Address (line 2)					Assignment.)
Address (line 3)	City		State/Country	Zip Code	
Name (line 1)				Zip code	If document to be recorded is an assignment and the
Name (line 2)					receiving party is not domiciled in the United States, an appointment
Address (line 1)					of a domestic representative is attached. (Designation must be a separate document from
Address (line 2)					Assignment.)
Address (line 3)	City		State/Country	7in Code	
Application	Number(s) or Patent Nu	mber(s)	State/Country	Zip Code Mark if additional i	numbers attached
	ne Patent Application Number or the	• ,	ا DO NOT ENTER BO		
Pa	tent Application Number(s)			Patent Numbe	r(s)

PATENT

REEL: 010324 FRAME: 0862

ASSIGNMENT

WHEREAS, WE, Wilson O. Endege

Kathleen E. Steinmann

Jon H. Astle

Christopher C. Burgess Steven E. Bushnell Eddie Carroll, III Theodore J. Catino

Adnan Derti Donna M. Ford Marcia E. Lewis John E. Monahan Robert Schlegel

hereinafter referred to as *ASSIGNORS*, have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: NOVEL HUMAN GENES AND GENE EXPRESSION PRODUCTS

Serial No: 09/328,111 Filing Date: <u>June 8, 1999</u>

WHEREAS. BAYER CORPORATION, 333 Coney Street, East Walpole, Massachusetts 02032, a corporation of the State of Indiana, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same:

NOW, THEREFORE. TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNORS by ASSIGNEE, receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE'S successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, non-provisional applications, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, the said interest to be held and

PATENT REEL: 010324 FRAME: 0863

1

enjoyed by said *ASSIGNEE* as fully and exclusively as it would have been held and enjoyed by said *ASSIGNORS* had this assignment and transfer not been made, to the full end and term of any Letters Patent.

ASSIGNOR also agrees that the U.S. serial number and the filing date may be entered above by **ASSIGNEE** or its agents upon designation of the serial number and the filing date by the U.S. Patent and Trademark Office.

ASSIGNORS further agree that they will, without charge to said ASSIGNEE, but at ASSIGNEE'S expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE'S successors and assigns.

IN TESTIMONY WHEREOF, **ASSIGNORS** have hereunto signed their names to this assignment on the dates indicated below.

Date:	07/01/1999	Wilson O. Endege
Date:	7/1/49	Kathleen E. Steinmann
Date:	7/1/99	Jon/H. Astle
Date:	7/1/99	Christopher C. Burgess
Date:	07/01/99	Steven E. Bushnell
Date:	7.1.99	Eddie Carroll, III
Date:	7/1/99	Theodore J. Latino

2

Date: July 1, 1999

Date: July 1, 1999

Date: 1919

Date: 1919

Date: July 1, 1919 John E. Monahan

Date: 7/1/99

Robert Schlegel