PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jochen G. SALFELD	04/29/1996
Deborah J. ALLEN	04/23/1996
Hendricus R.J.M. HOOGENBOOM	04/17/1996
Zehra KAYMAKCALAN	04/22/1996
Boris LABKOVSKY	04/23/1996
John A. MANKOVICH	04/22/1996
Brian T. MCGUINNESS	04/23/1996
Andrew J. ROBERTS	04/23/1996
Paul SAKORAFAS	04/18/1996
David SCHOENHAUT	04/24/1996
Tristan J. VAUGHAN	04/23/1996
Michael WHITE	04/23/1996
Alison J. WILTON	04/23/1996

RECEIVING PARTY DATA

Name:	BASF AKTIENGESELLSCHAFT
Street Address:	57056 Ludwigshafen
City:	Rheinland-Pfalz
State/Country:	GERMANY

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13466892

CORRESPONDENCE DATA

Fax Number: 6176079200

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 617-449-6500
Email: gcoy@mccarter.com

REEL: 029585 FRAME: 0822

13466892

PATENT

Correspondent Name: Cristin H. Cowles

Address Line 1: McCarter & English, LLP

Address Line 2: 265 Franklin Street

Address Line 4: Boston, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER: 117813-04314

NAME OF SUBMITTER: Cristin H. Cowles, Ph.D.

Total Attachments: 18

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ASSIGNMENT

We, Jochen G. Salfeld of North Grafton, Massachusetts, Deborah J. Allen of London, England, Hendricus R.J.M. Hoogenboom of Hasselt, Belgium, Zehra Kaymakcalan of Westboro, Massachusetts, Boris Labkovsky of Framingham, Massachusetts, John A. Mankovich of Andover, Massachusetts, Brian T. McGuinness of Cambridge, England, Andrew J. Roberts of Cambridge, England, Paul Sakorafas of Shrewsbury, Massachusetts, David Schoenhaut of Clifton, New Jersey, Tristan J. Vaughan of Cambridge, England, Michael White of Framingham, Massachusetts, and Alison J. Wilton of Cambridge, England, in consideration of One Dollar and other valuable consideration paid to us by

BASF Aktiengesellschaft

having a place of business at 67056 Ludwigshafen, Rheinland-Pfalz, Federal Republic of Germany, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

BASF Aktiengesellschaft

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

Human Antibodies That Bind Human TNFa

described in an application

patents.

executed by us of even date herewith and about to be filed
X Serial No. 08/599,226, filed on February 9, 1996.
in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part
thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all
applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation
and to vest and confirm in said corporation, its successors and assigns, the legal title to all such

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS n	ny hand and seal this	day of	, 1996.
		Ву:	
		Jos	chen G. Salfeld
State of))ss	e de la companya de	
County of	57		,A

	Then personally appeared the above named Jochen G. instrument to be his/her free act and deed, before me, this	
701		
		Notary Public
		My commission expires:
	WITNESS my hand and seal this <u>13rd</u> day of	<u>April</u> 1996.
		By: Deborah J. Allen
	State of Villia Kingdon)	Deboran J. Anen
	State of Virlin Kingdom) County of Climbrulf extris)	
	Then personally appeared the above named Deborah J. iostroment to be-his/her free act and deed, before me, this 2	
	JOHN DAVID HINDMARSH NOTARY PUBLIC:	Notary Public
	ST, AND REWS HOUSE 59 ST, AND REWS STREET CAMBRIDGE CB2 SDD	My commission expires: halest
	wiTNESS my hand and seal this 17th day of	fril , 1996.
		By: II Thogewhoen
	State of the Netherlands)	Hendricus R.J.M. Hoogenboom
	County of Rimbresp)	
	Then personally appeared the above named Hendricus R., foregoing instrument to be his/her free act and deed, before 1996.	I.M. Hoogenboom and acknowledged the me, this 17th day of April
	K.G.S. Nuonger	A.C.J. Huenges Wajer. Notary Public at Heer-Maastricht (The Netherlands)
		My commission expires: the 14th day of July 2014.
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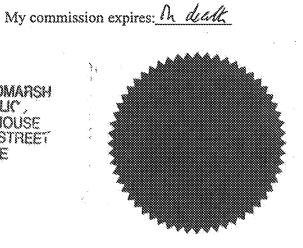
WITNESS	my hand and seal this	day of	, 1996.
			By:Zehra Kaymakcalan
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State of))ss		
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			nakcalan and acknowledged the foregoing
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			My commission expires:
WITNESS 1	my hand and seal this	day of	, 1996.
			By:
			By: Boris Labkovsky
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			kovsky and acknowledged the foregoing day of, 1996. Notary Public
			My commission expires:
WITNESS r	ny hand and seal this	day of ¸	, 1996.
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S			By:
State of))ss		
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			nkovich and acknowledged the foregoirday of, 1996.
	÷		Notary Public
			My commission expires:

	WITNESS my h	and and seal this 23 day o	f_April, 1996.
			By: (1)
	Same Wirelland	ila s	Brian T, McGuinness
	State of Vinter Wing Country of Untrietye	}\$\$	
	County of University	(brok)	
			Guinness and acknowledged the foregoing
	A support to be his/ber	free act and deed, before me, this	235 day of <u>Ap. 2</u> , 1996.
	7,	JOHN DAVID HINDMARSH NOTARY PUBLIC /	Muy 1
		ST. ANDREWS HOUSE_	Notary Public
		69 ST. ANDREWS STREET CAMBRIDGE	
		C85 30D	My commission expires: In deak
	WITNESS my h	and and seal this 232 day o	f A. 7 . 1996.
			By: Apples
	With the	1.s	Andrew J. Roberts
	State of Victor Kings County of Chimmagen	Mr.	
	County of Chambridges	have)	
N	Then personally appeared	ed the above named Andrew J.	Roberts and acknowledged the foregoing
	instrument to be his/her-i	ree act and deed, before me, this	23₹ day of 1996.
		JOHN DAVID HINDMARSH NOTARY PUBLIC:	Mint
		ST. ANDREWS HOUSE	Notary Public
		5951. ANDMEWS STREET CAMBRIDGE	My commission expires: 12 dealt
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	VITNESS my ha	nd and seal this day of	, 1996.
			By:
	State of	· ·	Paul Sakorafas
	Diate of)ss	
*. */-	County of)	
÷	Then personally appear	ed the above named Paul Sak	corafas and acknowledged the foregoing
	instrument to be his/her f	ree act and deed, before me, this	day of, 1996.
			Notary Public

PATENT

WITNESS r	ny hand and seal this	day of	
			By: David Schoenhaut
			David Schoenhaut
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			Notary Public
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tate of Virilar county of Clambri	kingda la		
Sounty of Albania	Meh		A Section 1
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hen personally ap	peared the above named	Tristan J. V	aughan and acknowledged the foregoing
	A xer free act and deed, befo		
	• •		10/1.
		**	- WILLIAM I
	4		Notary Public

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Then personally appeared instrument to be his/her free			
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di di		Notary Public	
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State of Violed Kingda County of Chambridgeshin))ss ()	By: Alison J	n J. Willon Wilton
Then personally appeared to instrument to be his/her free			
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	*	ACHN DAVID HINDW NOTARY PUBLIC ST. ANDREWS HON SO ST. ANDREWS STI CAMBRIDGE CB2 SDO	SE EE

ASSIGNMENT

We, Jochen G. Salfeld of North Grafton, Massachusetts, Deborah J. Allen of London, England, Hendricus R.J.M. Hoogenboom of Hasselt, Belgium, Zehra Kaymakcalan of Westboro, Massachusetts, Boris Labkovsky of Framingham, Massachusetts, John A. Mankovich of Andover, Massachusetts, Brian T. McGuinness of Cambridge, England, Andrew J. Roberts of Cambridge, England, Paul Sakorafas of Shrewsbury, Massachusetts, David Schoenhaut of Clifton, New Jersey, Tristan J. Vaughan of Cambridge, England, Michael White of Framingham, Massachusetts, and Alison J. Wilton of Cambridge, England, in consideration of One Dollar and other valuable consideration paid to us by

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having a place of business at 67056 Ludwigshafen, Rheinland-Pfalz, Federal Republic of Germany, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

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its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

Human Antibodies That Bind Human TNFa

executed by us of even date herewith and about to be filed		
X Serial No. 08/599,226, filed on February 9, 1996.		
in the United States Patent and Trademark Office, and in all Letters Patent of the	United	States and
all foreign countries which may or shall be granted on said invention, or any parts	thereof,	or on said
application, or any divisional, continuing, reissue or other applications based in	whole	or in part
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described in an application

application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS	my hand and seal this	day of	
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		Ву:	chen G. Salfeld
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	his/her free act and deed, before			
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			By:	
			Deborah J. Allen	***************************************
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	appeared the above named his/her free act and deed, before			
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5	•		Hendricus R.J.M. I	Ioogenboom
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			J.(Boris l	Labkovsky	
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		By:Brian T. M	
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WITNES	S my hand and seal this <u>24</u> d	ay of April , 1996.
		By: Dail Charlet
		David Schoenhaut
State of)	
)ss	
County of)	
Then personally instrument to be	appeared the above named David his/her free act and deed, before me,	Schoenhaut and acknowledged the foregoing this <u>21</u> day of <u>house</u> 1996.
	PATRICIA BOCCHINO Notary Public, State of New York No. 01808036882 Ouslined in Roodbard County Complication Expires.	Patricia Brackins Notary Public
		My commission expires: 2/27
WITNES	S my hand and seal this d	ay of, 1996.
		By:
		Tristan J. Vaughan
State of	<u>,)</u>	_
County of)ss)	
		J. Vaughan and acknowledged the foregoing thisday of, 1996.
		Notary Public
		My commission expires:

WITNESS my	y hand and seal this	day of	, 1996.
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	· · · · · · · · · · · · · · · · · · ·	e e e e e e e e e e e e e e e e e e e	Michael White
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State of)		Alison J. Wilton
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			and acknowledged the forego
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		Notar	y Public
		Mv co	mmission expires:

ASSIGNMENT

We, Jochen G. Salfeld of North Grafton, Massachusetts, Deborah J. Allen of London, England, Hendricus R.J.M. Hoogenboom of Hasselt, Belgium, Zehra Kaymakcalan of Westboro, Massachusetts, Boris Labkovsky of Framingham, Massachusetts, John A. Mankovich of Andover, Massachusetts, Brian T. McGuinness of Cambridge, England, Andrew J. Roberts of Cambridge, England, Paul Sakorafas of Shrewsbury, Massachusetts, David Schoenhaut of Clifton, New Jersey, Tristan J. Vaughan of Cambridge, England, Michael White of Framingham, Massachusetts, and Alison J. Wilton of Cambridge, England, in consideration of One Dollar and other valuable consideration paid to us by

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*******	executed	by us of even	date herewith ar	id about to be filed
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And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand and seal this 29 to	day of <u>April</u> , 1996.
	2/2/
	By:
State of Massachusetts)	
County of · Woreester)	

Then personally appeared th	e above named Jochen G.	Salfeld and acknowledged the foregoing
instrument to be his/her free a	ct and deed, before me, this	<u>29</u> day of <u>April</u> , 1996.
		Notary Public JANETA, MESSCHER
		My commission expire Notery Public My Commission Expires Dec. 21, 2001
		•
**WITNESS my hand ar	nd seal this day of	, 1996.
 :		By: Deborah J. Allen
· · · · · · · · · · · · · · · · · · ·		Deborah J. Allen
State of)	
County of)ss)	
		. Allen and acknowledged the foregoing day of, 1996.
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1		Notary Public
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		By.
		By: Hendricus R.J.M. Hoogenboom
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County of		
Then personally appeared the	above named Hendricus R.	J.M. Hoogenboom and acknowledged the
		e me, thisday of,
IJJU.		
		Notary Public
		My commission expires:

WITNESS my hand and seal this 22 - day of	<u>April</u> , 1996.
	By: <u>Zehra Kovymakçala</u> Zehra Kaymakesian
State of Massachust Hs)	Zenra Kaymakesian
County of Word Ito)	
Then personally appeared the above named Zehra Kayn instrument to be his/her free act and deed, before me, this	nakcalan and acknowledged the foregoing <u>ZZ "</u> day of <u>April</u> , 1996.
	Junt a nusseus Notary Public
	Janet A. Messcher
	My commission expire Notary Public My Commission Expires Dec. 21, 2001
WITNESS my hand and seal this <u>73</u> ⁻⁷⁴ day of	<u>April</u> , 1996
	By: Boris Labkovsky
State of MUSSUL huse th)	A CONTRACTOR OF THE PARTY OF TH
County of lustreester)	
Then personally appeared the above named Boris Lab instrument to be his/her free act and deed, before me, this	
	Janut a nussclar Notary Public
	Janet A. Messcher
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WITNESS my hand and seal this ZZ" day of	APT (1 1996.
	By: <u>Qle (1916)</u>
State of Massachusetts)	John A. Mankovich
State of Massachusetts) County of Wrecester) State of Massachusetts)	
Then personally appeared the above named John A. Mainstrument to be his/her free act and deed, before me, this 2	nkovich and acknowledged the foregoing 22 and day of <u>April</u> , 1996.
A CONTRACTOR OF THE PARTY OF TH	Jaut a Nussaler Notary Public
	Janet A. Messcher
	My commission expires. Notary Public Wy Commission Expires Bec. 21, 2001

-3-

WITNESS my	hand and seal this	day of	, 1996.
		Bv:	
		in y.	Brian T. McGuinness
State of)		·
N)ss		
County of)		
			ess and acknowledged the foregoing day of, 1996.
ů.			
		Note	ary Public
	ar Ar	My	commission expires:
WITNESS my	hand and seal this	day of	, 1996.
× .		p _m	
	:	wy.	Andrew J. Roberts
State of)		4
)ss		
County of)		
		re me, this	ts and acknowledged the foregoing day of, 1996.
		Му	commission expires:
WITNESS my	hand and seal this $\frac{18}{2}$	th day of A	Paul School
		By:	Tank Jan on the
			Paul Sakorafas
State of July Jack	loe loe		
State of Massach County of Wareest)***		A MASSO
			and acknowledged the foregoing day of <u>April</u> , 1996.
		24	rut a Mussich
			Notary Public
	×	iviy (commission expires Dec. 21, 20

4-

WITNESS my hand an	nd seal this	day of		96.
		By:		
		•	David Schoenh	aut
tate of)			
)ss			
County of)			
hen personally appeared the astrument to be his/her free as				
			25, 8.12	
		Note	ıry Public	
		Mac	commission expires	. *
		rery	eommission evbres	*
WITNESS my hand an	d seal this	day of	<u> </u>	96.
*		By:		•
			Tristan J. Vaug	han
tate of)		_	•
)	SS			
County of ()	**		
hen personally appeared the				
nstrument to be his/her free ac	i and deed, bei	ec me, uns	day or	1990.
		Nota	ry Public	
	 	My	commission expires	•

WITNESS my hand and seal this 23 day of	<i>Pocil</i> , 1996.
e en est	By: Ochael White
State of Aucissachustus	
State of Aussachuseth) County of Lourcester)	
Then personally appeared the above named Michael instrument to be his/her free act and deed, before me, this	
	Janet a nusseur
	JANET A. MESSCHER My commission expires: Notary Public. My Commission Expires Dec. 21, 200
WITNESS my hand and seal this day of	, 1996.
s	
	By:
State of)	Alison J. Wilton
) ss	
County of)	
Then personally appeared the above named Alison J. instrument to be his/her free act and deed, before me, this _	
	Notary Public
	My commission expires: