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 Salfeld	06/21/2000
Michael Roguska	06/29/2000
Michael Paskind	06/21/2000
Subhashis Banerjee	06/21/2000
Daniel Tracey	06/21/2000
Michael White	06/21/2000
Zehra Kaymakcalan	06/28/2000
Boris Labkovsky	06/21/2000
Paul Sakorafas	06/21/2000
John Gawain Elvin	07/25/2000
Alexander Robert Duncan	07/25/2000
Elaine Joy Derbyshire	07/25/2000
Sara Carmen	07/25/2000
Stephen Smith	07/25/2000
Thor Las Holtet	06/30/2000
Sarah Leila Du Fou	07/25/2000

RECEIVING PARTY DATA

Name:	BASF Aktiengesellschaft
Street Address:	Carl-Bosch Str. 38
City:	Ludwigshafen
State/Country:	GERMANY

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	10884830
Application Number:	12121615
Application Number:	12253103

PATENT

500742808 REEL: 022040 FRAME: 0776

10884830

X 20.00

CORRESPONDENCE DATA

Fax Number: (617)742-4214

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

Phone: 6172277400

Email: cjb@lahive.com

Correspondent Name: Elizabeth A. Hanley

Address Line 1: One Post Office Square

Address Line 4: Boston, MASSACHUSETTS 02109

ATTORNEY DOCKET NUMBER: | BBI-093CPDV

NAME OF SUBMITTER: Elizabeth A. Hanley

Total Attachments: 12

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PATENT REEL: 022040 FRAME: 0777

ASSIGNMENT

We, Jochen Salfeld of North Grafton, MA, Michael Roguska of Ashland, MA, Michael Paskind of Sterling, MA, Subhashis Banerjee of Shrewsbury, MA, Daniel Tracey of Harvard, MA, Michael White of Framingham, MA, Zehra Kaymakcalan of Westborough, MA, Boris Labkovsky of Marlborough, MA, and Paul Sakorafas of Newton, MA, in consideration of One Dollar and other valuable consideration paid to us by

BASF Aktiengesellschaft

having a principal place of business at Carl-Bosch Str. 38, Ludwigshafen, Federal Republic of Germany, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer, as of March 25, 1999, 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 IL-12 AND METHODS FOR PRODUCING

described ii	n an application	
	_ executed by us of even date herewith and about to be	filed
X	Serial No. 60/126,603, filed on March 25, 1999	`
\mathbf{X}	Serial No. 09/534,717, filed on March 24, 2000	

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 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.

PATENT REEL: 022040 FRAME: 0778

WITNESS my hand and seal this day	y of Jane, 2000.
Commonwealth State of Massachusetts)	Jochen Salfeld
County of Worcester)	
Then personally appeared the above named instrument to be his/her free act and deed, before	I Jochen Salfeld and acknowledged the foregoing reme, this 21 day of June, 2000.
	Hoyle Buck O'Mien Notary Public
WITNESS my hand and seal this 2°	My commission expires: July 20, 2000.
	By: Michael Roguska
Commonwalth State of Massachusetts) State of Massachusetts) County of Workship)	
Then personally appeared the above named instrument to be his/her free act and deed, befo	Michael Roguska and acknowledged the foregoing re me, this 29 day of June, 2000.
	HayliBuck O'Anien
	My commission expires: Tolu 20, 2001

WITNESS my hand and seal this 21st day of	ne, 2000.
	By: Michael Paskind Michael Paskind
Commonwealth State of Massachusetts)	
County of Worcester)	
Then personally appeared the above named Michael instrument to be his/her free act and deed, before me, thi	
	Hoyle Buek O'Thin Notary Public
	My commission expires: July 20,2001
WITNESS my hand and seal this 21 st day of	
	By: Subhashis Banerjee
Commonwealth State of massachusetts))ss County of Worcesky)	
Then personally appeared the above named Subhashis instrument to be his/her free act and deed, before me, thi	
	Hayle Buck O'Frien Notary Public
	My commission expires: Tuly 20, 2001

-3-

WITNESS my hand and seal this 2/57 day of	Tune, 2000.
	By: Kault Tucas Daniel Tracey
Commonwealth State of Massachusetts)	
County of Worcester)	
Then personally appeared the above named Daniel instrument to be his/her free act and deed, before me, this	Tracey and acknowledged the foregoing say day of June, 2000.
	Hoyle Buck O'Brien Notary Public
	My commission expires: July 20, 2001
WITNESS my hand and seal this 2 day of 3	50ne, 2000.
	By: Michael White
Commonwealth State of Massachosetts))ss	
County of Worcester)	
Then personally appeared the above named Michae instrument to be his/her free act and deed, before me, thi	White and acknowledged the foregoing s of day of June, 2000.
	Sayl Buck O'Bruen Notary Public
	My commission expires: July 20, 2001

-4-

WITNESS my hand and seal this _	28	_ day of	June, 2000.
			By: Jehn Kaymakalo Zehra Kaymakcalan
Commonwealth State of Massachusetts)			
County of Worcester)			
Then personally appeared the aboundary instrument to be his/her free act an	ove nam d deed,	ed Zehra K before me, tl	Laymakcalan and acknowledged the foregoing this 28 day of June, 2000.
			Hayle Buck O'Bruen Notary Public
			My commission expires: July 20, 2001
WITNESS my hand and seal this	21	_ day of	June, 2000. By: Bous Man Boris Labkovsky
Commonwalth State of))ss County of Worcester)			
Then personally appeared the all instrument to be his/her free act an	oove na	med Boris before me, t	Labkovsky and acknowledged the foregoing this 21 day of June, 2000.
			Sayle Buck O'Brien Notary Public
			My commission expires: July 20, 201

-5-

WITNESS my hand and sea	ll this <u>기</u> day of	7sne, 2000.		
		By: Pune S. M. onfor Paul Sakorafas		
Commonwealth State of) .			
County of Workster)ss)			
Then personally appeared the above named Paul Sakorafas and acknowledged the foregoing instrument to be his/her free act and deed, before me, this 21 day of June , 2000.				
		Hayle Buck O'Bruen Notary Public		
		My commission expires: July 20, 200		

ASSIGNMENT

We, John Gawain Elvin, of Cambridge, Great Britain, Alexander Robert Duncan, of Cambridge, Great Britain, Elaine Joy Derbyshire of Hertfordshire, Great Britain, Sara Carmen, of Cambridge, Great Britain, Stephen Smith, of Cambridgeshire, Great Britain, Thor Las Holtet, of Hertfordshire, Great Britain, and Sarah Leila Du Fou, of Hertfordshire, Great Britain, in consideration of One Dollar and other valuable consideration paid to us by

BASF Aktiengesellschaft

having a principal place of business at Carl-Bosch Str. 38, Ludwigshafen, Federal Republic of Germany, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer, as of March 25, 1999, 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 IL-12 AND METHODS FOR PRODUCING

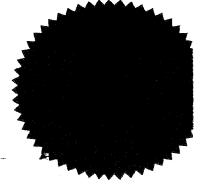
described in	applications
<u> </u>	executed by us of even date herewith and about to be filed
<u>X</u>	Serial No. 60/126,603, filed on March 25, 1999, and
X	Serial No. 09/534,717, filed on March 24, 2000

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 patents.

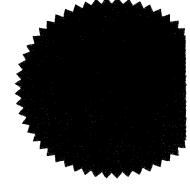
And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

PATENT REEL: 022040 FRAME: 0784

WITNESS my hand and seal this 25^{-1} day of 3	<u></u>
State of Vinted Kingda) County of Cambridgehie) State of Vinted Kingda)	By: flu Gawain Elvin
Then personally appeared the above named John Gawai instrument to be his/her free act and deed, before me, this 2	Motary Public , 2000.
WITNESS my hand and seal this day of	By: Alexander Robert Duncan
State of Victor Kingdom) County of Cambridgishe)ss	Alexander Robert Olin Co
Then personally appeared the above named Alexander foregoing instrument to be his/her free act and deed, before	Robert Duncan and acknowledged the eme, this Isc day of July Mulluws Notary Public My commission expires: A leath



WITNESS my hand and seal this 25th day of July, 2000.
By: <u>Elaine Joy Derbyshire</u> Elaine Joy Derbyshire
State of Vinter Kingdon) State of Clambridgelies State of Vinter Kingdon)
County of Clambrulghier
Then personally appeared the above named Elaine Joy Derbyshire and acknowledged the foregoing instrument to be his/her free act and deed, before me, this 25 day of July, 2000.
Notary Public
My commission expires: Meath
WITNESS my hand and seal this 25th day of July ,2000. By: Sara Carmen
State of Virtue Kingdy County of Canbridgeshie) SSS
Then personally appeared the above named Sara Carmen and acknowledged the foregoing instrument to be his/her free act and deed, before me, this 25 th day of July , 2000.
Mielual
Notary Public
My commission expires & dealt
· · · · · · · · · · · · · · · · · · ·



WITNESS my hand and	seal this 25	day of Ju	, 2000.
			By: Stephen Smith Stephen Smith
State of Vinded Win	jdn)		
State of Virted King County of Cumbridge	shiel)		
Then personally appea instrument to be his/her	red the above free act and dea	e named Stephe ed, before me, th	n Smith and acknowledged the foregoing is 25 day of July, 2000.
			Meden Public
			My commission expires: L. deall
			My commission enpact.
WITNESS my hand and	l seal this	day of	, 2000.
			By:
			Thor Las Holtet
State of))ss		
County of)		
Then personally appea instrument to be his/her	red the above free act and de	named Thor Led, before me, th	as Holtet and acknowledged the foregoing is, 2000.
			Notary Public
			My commission expires:

WITNESS my hand and seal this	day of	, 2000.
		Ву:
		Stephen Smith
State of)		
County of)		
		Smith and acknowledged the foregoing day of, 2000.
		Notary Public
		My commission expires:
WITNESS my hand and seal this <u>30</u>	th day of JI	By: Thor las Hollet Thor Las Hollet
State of Denmark)		
)ss County of (rederikes und)		
Then personally appeared the above instrument to be his/her free act and de	e named Thor Las	Bothday of June, 2000.
RE	TTEN I RIKSSUND	Notary Public Kaja Vang Pedersen ktfm. My commission expires: N.a.
		749936 01 0001.2217 30.06.00

749936 01 0001.2217 60200-00031/00 30.06.00 RA 300.00 K

WITNESS my hand and seal this _	25° day of July	, 2000.	
		By: Sarah Leila Du Fou	dutou

State of Virter Kingdon)
(State of Clerkudskie)
(State of Virter Kingdon)

Then personally appeared the above named Sara Leila Du Fou and acknowledged the foregoing instrument to be his/her free act and deed, before me, this 25 day of 4 day of 2000.

Notary Public

My commission expires: A death

