Form <b>PTO-1595</b> (Rev. 09/04) OMB No. 0651-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMMERC United States Patent and Trademark Office			
RECORDATION FOR	M COVER SHEET			
	S ONLY			
The state of the s	se record the attached documents or the new address(es) below.			
1. Name of conveying party(ies)/Execution Date(s):	2. Name and address of receiving party(ies)			
TERRAGEN DISCOVERY, INC.	Name: CUBIST PHARMACEUTICALS, INC.			
	Internal Address:			
Execution Date(s) December 22, 2003	Street Address: 65 Hayden Avenue			
Additional name(s) of conveying party(ies) attached? Yes 🗹 No				
3. Nature of conveyance:				
Assignment Merger	City: Lexington			
Security Agreement Change of Name	State: MA			
Government Interest Assignment	Country: USA Zîp: 02421			
Executive Order 9424, Confirmatory License	Zip. <u>02421</u>			
Other	Additional name(s) & address(es) attached? Yes Vo			
	document is being filed together with a new application.			
A. Patent Application No.(s)	B. Patent No.(s)			
Additional numbers at	ached? Yes VNo			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents			
Name:Cubist Pharmaceuticals, Inc.				
Internal Address;	7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00			
internal Address;	Authorized to be charged by credit card			
Ottored Addison of the Land	Authorized to be charged to deposit account  Enclosed			
Street Address: 65 Hayden Avenue	None required (government interest not affecting title			
City; Lexington	8. Payment Information			
State: MA Zip: 02421	a. Credit Card Last 4 Numbers			
Phone Number: 781 860 8660	Expiration Date			
Fax Number: 781 860 1407	b. Deposit Account Number 50-1986			
Email Address: patents@cubist.co m	Authorized User Name William D. DeVaul			
9. Signature: ///// ()				
Signature	December 3, 2004 Date			
William D. DeVaul	Total number of pages including cover			
Name of Person Signing	sheet, attachments, and documents:			

Documents to be recorded (Including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 015418 FRAME: 0509

#### ASSIGNMENT

WHEREAS, TerraGen Discovery, Inc., a corporation organized under the laws of British Columbia, Canada ("TERRAGEN"), desires to sell, assign, and transfer by assignment, all right, title, and interest in and to the patent applications and patents identified in Exhibit A (10 pages attached hereto and incorporated herein by reference) and any invention(s) claimed or described therein, in all countries throughout the world; and

WHEREAS, Cubist Pharmaceuticals, Inc., a Delaware corporation having a place of business at 65 Hayden Avenue, Lexington, Massachusetts 02421 ("CUBIST"), desires the patent applications and patents listed in Exhibit A and any invention(s) claimed or described therein, in all countries throughout the world.

NOW THEREFORE, be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, TERRAGEN hereby sells, assigns, and transfers to CUBIST, its lawful successors and assigns, TERRAGEN's entire right, title, and interest in and to the patent applications and patents listed in Exhibit A and any inventions claimed or described therein, any related patent application directed to the invention, including any parent, counterpart, continuation, continuation-in-part, or divisional application, and all Letters Patent of the United States that may be granted thereon, and all reissues, reexaminations, and extensions thereof; and all rights to claim priority on the basis of such application, and any related applications for Letters Patent that may be filed for the invention in any foreign country, any related foreign patent application directed to the invention, including any continuation, continuation-in-part, or divisional application, and all Letters Patent that may be granted on the invention in any foreign country, and all extensions, renewals, and reissues thereof; and TERRAGEN hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Cubist, its successors and assigns, in accordance with the terms of this Assignment. Nothing in this Assignment abridges any continuing obligation of TERRAGEN to CUBIST.

IN WITNESS WHEREOF, TERRAGEN has caused its authorized representative to execute this Assignment.

TERRAGEN DISCOVERY, INC.

Name: Scott M. Rocklage

Title: Chief Executive Officer

Dated: December 2-2-, 2003

COUNTRY	PATENT NO.	APP. NO	TITLE	ISSUE DATE	FILING DATE
US		08/119,180	Pharmaceutical xanthone derivatives		11/18/1993
EP	1711	92906754.4	Pharmaceutical xanthone derivatives		3/22/1992
JP	·	40506408	Pharmaceutical xanthone derivatives		3/23/1992
WO		GB92/00526	Pharmaceutical xanthone derivatives		3/23/1992
GB	2269382-A	9319494.2	Pharmaceutical xanthone derivatives	2/9/1994	3/23/2012
GB		9106184.6	Pharmaceutical xanthone derivatives	3/22/1991	
GB		9111736.6	Pharmaceutical xanthone derivatives		5/31/1991
GB		9116593.6	Pharmaceutical xanthone derivatives		8/01/1991
GB		92053201.6	Pharmaceutical xanthone derivatives	<u>.</u>	3/11/1 <b>992</b>
US		60/032,142	Microorganism capable of producing Compounds where a Pyrole is fused with 4-oxo-1, 3- Benzoxanine and Method of Use as Antibacterial and Antifungal		12/09/1996
wo		US97/21694	Microorganism capable of producing Compounds where a Pyrole is fused with 4-oxo-1, 3- Benzoxanine and Method of Use as Antibacterial and Antifungal		11/20/1997
US	5,849,491	08/716,942	Method for isolating xylanase gene sequences from soil DNA, compositions useful in such method and compositions obtained thereby	12/15/1998	09/20/1996
US	6,441,148	09/130,337	Method for isolating xylanase gene sequences from soil DNA, compositions useful in such method and compositions obtained thereby	8/27/2002	8/6/1998
ŲS		10/229,363	Method for isolating xylanase gene sequences from soil DNA, compositions useful in such method and compositions obtained thereby		8/26/2002

Initials: SWV

US	COUNTRY	PATENT NO.	APP. NO	TITLE	ISSUE DATE	FILING DATE
AU   725144   69221/96   Method for isolating xylanase gene sequences from soil DNA, compositions obtained thereby   Method for isolating xylanase gene sequences from soil DNA, compositions obtained thereby   Method for isolating xylanase gene sequences from soil DNA, compositions useful in such method and compositions useful in such method and compositions obtained thereby   Method for isolating xylanase gene sequences from soil DNA, compositions useful in such method and compositions obtained thereby   Method for isolating xylanase gene sequences from soil DNA, compositions useful in such method and compositions obtained thereby   Method for isolating xylanase gene sequences from soil DNA, compositions useful in such method and compositions obtained thereby   Method for isolating xylanase gene sequences from soil DNA, compositions useful in such method and compositions obtained thereby   Method for isolating xylanase gene sequences from soil DNA, compositions useful in such method and compositions useful in such method and compositions useful in such method and compositions obtained thereby   Method for isolating xylanase gene sequences from soil DNA, compositions useful in such method and composition obtained thereby   Method for isolating xylanase gene sequences from soil DNA, compositions useful in such method and composition obtained thereby   Method for isolating xylanase gene sequences from soil DNA, compositions obtained thereby   Method and composition obtained thereby   Method and composition   Method and   Method and   Method and	US	110.	60/004.157	Method for isolating		
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Initials: PATENT

COUNTRY	PATENT NO.	APP. NO	TITLE	ISSUE DATE	FILING DATE
CA		2,267,616	Method and composition for identifying inhibitors		10/17/1997
<i>!</i>			of eukaryotic cell processes	!	
EP	0934431	97909100.6	Method and composition for identifying inhibitors of eukaryotic cell processes	12/18/2002	10/17/1997
. ГР			Method and composition for identifying inhibitors of eukaryotic cell processes		10/17/1997
wo		CA97/00781	Method and composition for identifying inhibitors of eukaryotic cell processes		10/17/1997
US	6,297,007	08/861,774	Method for isolation of biosynthesis genes for bioactive molecules	10/2/2001	5/22/1997
US		09/924,256	Method for isolation of biosynthesis genes for bioactive molecules		8/8/2001
wo	1 11999	CA98/00488	Method for isolation of biosynthesis genes for bioactive molecules		5/21/1998
US	6,319,898	09/174,263	Method for inhibiting eukaryotic protein kinases	11/20/2001	10/16/1998
US		60/062,515	Method for inhibiting cukaryotic protein kinases		10/17/1997
WO		CA98/00970	Method for inhibiting eukaryotic protein kinases		10/16/1998
ŲS	6,132,984	09/174,261	Method for inhibiting eukaryotic protein kinases	10/17/2000	10/16/1998
US	6,455,270	09/688,545	Method for inhibiting eukaryotic protein kinases	9/24/2002	10/16/2000
US		60/062,516	Method for inhibiting eukaryotic protein kinases		10/17/1997
wo		CA98/00971	Method for inhibiting eukaryotic protein kinases		10/16/1998
US		09/724,532	Enhanced production of secondary metabolites in the presence of organic additives		11/28/2000

Initials: SWK
PATENT

COUNTRY	PATENT NO.	APP. NO	TITLE	ISSUE DATE	FILING DATE
US		60/193,140	Enhanced production of secondary metabolites in the presence of organic additives		3/28/2000
WΟ		US01/40398	Enhanced production of secondary metabolites in the presence of organic additives		3/28/2001
US	5,824,485	08/639,255	Methods for generating and screening novel metabolic pathways	10/20/1998	4/24/1996
US	5,783,431	08/738,944	Methods for generating and screening novel metabolic pathways	7/21/1998	10/24/1996
US	_	08/986,186	Methods for generating and screening novel metabolic pathways		12/5/1997
US		09/385,512	Methods for generating and screening novel metabolic pathways		8/27/1999
US	6,242,211	09/263,352	Methods for generating and screening novel metabolic pathways	6/5/2001	5/5/1999
US		08/427,244	Methods for generating and screening novel metabolic pathways		4/24/1995
US		08/472,348	Methods for generating and screening novel metabolic pathways		4/24/1995
US		09/718,541	Methods for generating and screening novel metabolic pathways		11/22/2000
AU	723619	58049/96	Methods for generating and screening novel metabolic pathways	8/7/2000	4/24/1996
AU	744960	51632/98	Methods for generating and screening novel metabolic pathways	6/20/2002	10/23/1997
AU	762810	41700/00	Methods for generating and screening novel metabolic pathways	5/20/2003	3/3/2000
CA		2,219,136	Methods for generating and screening novel metabolic pathways		4/23/1996
CA		2,269,123	Methods for generating and screening novel metabolic pathways		10/23/1997
CA		2,362,989	Methods for generating and screening novel metabolic pathways		3/3/2000
CN		96194988.0	Methods for generating and screening novel metabolic pathways		4/23/1996

Initials: PATENT

COUNTRY	PATENT NO.	APP. NO	TITLE	ISSUE DATE	FILING DATE
ĊR		0518645	Methods for generating		10/24/1997
			and screening novel		
/			metabolic pathways		
EP		96913270.3	Methods for generating		4/23/1996
			and screening novel		
			metabolic pathways		
EP		97946473.2	Methods for generating		10/23/1997
			and screening novel		
			metabolic pathways		
EP		00921364.6	Methods for generating		3/3/2000
			and screening novel		
			metabolic pathways		İ
HK		99100095.6	Methods for generating		1/8/1999
İ			and screening novel		
			metabolic pathways		
HK		02104238.2	Methods for generating		6/4/2002
			and screening novel		
			metzbolic pathways		
HU		P9801871	Methods for generating		4/23/1996
			and screening novel		
			metabolic pathways		
IN		2395/MAS/97	Methods for generating		10/23/1997
			and screening novel		
			metabolic pathways		
IL		129577	Methods for generating		10/24/1997
			and screening novel		
			metabolic pathways		
JР		08-532786	Methods for generating		4/23/1996
			and screening novel		
			metabolic pathways		
JР		10-519751	Methods for generating		10/24/1997
			and screening novel		
		·	metabolic pathways		
JP		2000-602790	Methods for generating		3/3/2000
			and screening novel		
			metabolic pathways		
KR		97-0707524	Methods for generating		4/24/1996
		1	and screening novel		1
			metabolic pathways		
KR		7003609/99	Methods for generating		10/23/1997
İ			and screening novel		
			metabolic pathways		
MX		978186	Methods for generating		4/23/1996
			and screening novel		
			metabolic pathways		
WO		US96/06003	Methods for generating		4/24/1996
		and screening novel			
			metabolic pathways		
wo		US97/19958	Methods for generating		10/23/1997
			and screening novel		
		<u> </u>	metabolic pathways		

Initials: SMM PATENT

COUNTRY	PATENT	APP. NO	TITLE	ISSUE	FILING
	NO.			DATE	DATE
WQ		US00/05707	Methods for generating		3/8/2000
			and screening novel		
			metabolic pathways		
SG	46864	9705175-9	Methods for generating	6/22/1999	4/24/1996
		•	and screening novel		
			metabolic pathways		
SG		99-01845-9	Methods for generating		10/23/1997
	T.		and screening novel		
			metabolic pathways		
ZA	97/9557	97/9557	Methods for generating	7/29/1998	10/24/1997
			and screening novel		
			metabolic pathways		
TW		86115710	Methods for generating		10/24/1997
			and screening novel		
TIC		00/004 006	metabolic pathways		4/0/1000
US		09/284,806	Cytokine production		4/2/1999
1110		GB97/02907	inhibitors		10/01/1007
wo		GB97/02907	Cytokine production inhibitors		10/21/1997
GB	2333294	9908624.1	Cytokine production	10/18/2000	10/21/1997
GB	23332 <b>74</b>	9906024.1	inhibitors	10/18/2000	10/21/1997
ĢB		9621859.9	Cytokine production		10/21/1996
45		9021039.9	inhibitors	ļ	10/21/1990
US	6,197,811	09/292,961	Cytokine production	3/6/2001	4/16/1999
	B1	03.252,501	inhibitors	3.0,2001	
'n	11335365	109982/99	Cytokine production		4/17/1998
			inhibitors		
GB		9808196.1	Cytokine production		4/17/1 <b>99</b> 8
			inhibitors		
US		09/284,194	Double label		4/13/1999
			immunoassay	<u>[</u>	
EP		97941088.3	Double label		9/22/1997
			immunoassay		
MY	ı	PI97004396	Double label		9/22/1997
			immunoassay		
wo		GB97/02552	Double label		9/22/1997
	684684		immunoassay	615.414.60.6	2/24/12/20
ZA	97/8504	97/8504	Double label	6/24/1998	9/22/1997
		04310744	immunoassay		0/00/10/07
Ϋ́W		86113746	Double label		9/22/1997
CT.	2225020	AAAAAAA A	immunoassay	2/7/2001	0/22/1007
GB	2335038	9908060.8	Double label	3/7/2001	9/22/1997
CD ·		9621256.8	immunoassay Double label		9/22/1997
GB		7021230.0	immunoassay		フィムム(1ブブ /
US	6,057,315	09/269,492	Antibacterial agents	5/2/2000	12/5/1997
US	0,0001,010	60/032,144	Antibacterial agents	21212000	12/9/1996
CA	<u> </u>	2,274,539	Antibacterial agents  Antibacterial agents	<del>                                     </del>	12/5/1997
EP		97950861.1	Antibacterial agents		12/5/1997
WO		US97/22356	Antibacterial agents		12/5/1997
		OBFREEDO	Annoacterial agents	L	12(0)1771

Initials: PATENT

COUNTRY	PATENT	APP. NO	TITLE	ISSUE	FILING
	NO.			DATE	DATE
US	5,565,486	464,737	Sesquiterpenes, their	10/15/1996	8/29/1995
,			preparation and their use		
			as inhibitors acting on the		
			gababenzodiazepine		
		*******	receptor	0/7/1007	10/00/1000
AU	677,272	57096/94	Sesquiterpenes, their	8/7/1997	12/22/1993
			preparation and their use		
			as inhibitors acting on the gababenzodiazepine		
			1 2		
DD		PI9307712.2	receptor		12/22/1993
BR		P19307/12.2	Sesquiterpenes, their		12/22/1993
			preparation and their use as inhibitors acting on the		
			gababenzodiazepine		
			receptor		•
BG		99736	Sesquiterpenes, their		12/22/1993
ъ	-	39730	preparation and their use		1212211993
,			as inhibitors acting on the		
•			gababenzodiazepine		
		0	receptor		
CA	•	2,151,251	Sesquiterpenes, their		12/22/1993
021		2,151,251	preparation and their use		12,22,1333
			as inhibitors acting on the		
			gababenzodiazepine		
			тесеріог	ļ	
CZ	284121	PV1646-95	Sesquiterpenes, their	6/15/1998	12/22/1993
			preparation and their use		
			as inhibitors acting on the	į	
			gababenzodiazepine		
			receptor	! <u></u>	
EP		94902938.3	1 1 1		12/22/1993
			preparation and their use	ļ	
			as inhibitors acting on the	i	
			gababenzodiazepine		
			receptor		<u> </u>
FI		953081	Sesquiterpenes, their		12/22/1993
			preparation and their use		
			as inhibitors acting on the	j	
			gababenzodiazepine		
			receptor		
HU		P9501840	Sesquiterpenes, their		12/22/1993
. ]			preparation and their use		
			as inhibitors acting on the		
			gababenzodiazepine		
IP	7007707	0007707	Teceptor	9/21/1998	12/22/1002
ID	P007302	P007302	Sesquiterpenes, their	9/41/1998	12/22/1993
			preparation and their use		
}			as inhibitors acting on the	1	
			gababenzodiazepine	İ	
			receptor		

Initials: PATENT

COUNTRY	PATENT NO.	APP. NO	TITLE	ISSUE DATE	FILING DATE
IL	108140	108140	Sesquiterpenes, their preparation and their use as inhibitors acting on the gababenzodiazepine receptor	9/11/1997	12/22/1993
1IP		6514956	Sesquiterpenes, their preparation and their use as inhibitors acting on the gababenzodiazepine receptor		12/22/1993
KR		95-702562	Sesquiterpones, their preparation and their use as inhibitors acting on the gababenzodiazepine receptor		12/22/1993
MY		P19302813	Sesquiterpenes, their preparation and their use as inhibitors acting on the gababenzodiazepine receptor		12/22/1993
MX		94-01714	Sesquiterpenes, their preparation and their use as inhibitors acting on the gababenzodiazepine receptor		12/22/1993
NZ	258986	258986	Sesquiterpenes, their preparation and their use as inhibitors acting on the gababenzodiazepine receptor	3/12/1997	12/22/1993
NO		952483	Sesquiterpenes, their preparation and their use as inhibitors acting on the gababenzodiazepine receptor		12/22/1993
wo		GB93/02632	Sesquiterpenes, their preparation and their use as inhibitors acting on the gababenzodiazepine receptor		12/22/1993
PĽ		P309628	Sesquiterpenes, their preparation and their use as inhibitors acting on the gababenzodiazepine receptor		12/22/1993
RO		9501168	Sesquiterpenes, their preparation and their use as inhibitors acting on the gababenzodiazepine receptor		12/22/1993

Initials: SMM
PATENT

COUNTRY	PATENT NO.	APP. NO	TITLE	ISSUE DATE	FILING DATE
RU		95113350	Sesquiterpenes, their preparation and their use as inhibitors acting on the gababenzodiazepine receptor		12/22/1993
SG	67345	9608418-1	Sesquiterpenes, their preparation and their use as inhibitors acting on the gababenzodiazepine receptor	·	12/22/1993
SK		PV775/95	Sesquiterpenes, their preparation and their use as inhibitors acting on the gababenzodiazepine receptor		12/22/1993
ZA	93/9626	93/9626	Sesquiterpenes, their preparation and their use as inhibitors acting on the gababenzodiazepine receptor	10/26/1994	12/22/1992
TW	70378	82110885	Sesquiterpenes, their preparation and their use as inhibitors acting on the gababenzodiazepine receptor	7/3/1995	12/22/1993
UA		95062923	Sesquiterpenes, their preparation and their use as inhibitors acting on the gababenzodiazepine receptor		12/22/1993
GB	2284603-A	9503413.8	Sesquiterpenes, their preparation and their use as inhibitors acting on the gababenzodiazepine receptor	3/27/1996	12/22/1993
GB		9226724.4	Sesquiterpenes, their preparation and their use as inhibitors acting on the gababenzodiazepine receptor		12/22/1992
US	5,306,732	862,574	Tumor necrosis factor antagonist	4/26/1994	6/24/1992
EP	EPB0502049	90917347.8	Tumor necrosis factor antagonist	2/7/1996	11/22/1990
ЛР	-	3-500197	Tumor necrosis factor antagonist		11/22/1990
wo		GB90/01801	Tumor necrosis factor antagonist		11/22/1990
GB	GB-0502049	90917347.8	Tumor necrosis factor antagonist	2/7/1996	11/22/1990
GB		19890026611	Tumor necrosis factor antagonist		11/24/1989



**RECORDED: 12/03/2004** 

#### **EXHIBIT A TO ASSIGNMENT**

COUNTRY	PATENT NO.	APP. NO	TITLE	ISSUE DATE	FILING DATE
GB	2280439-A	9418110.4	CD4 binding agents and	11/22/1995	3/11/1993
1 00	2200407-71	7410110.4	inhibitors of collagenase	11722/1995	11111333
,			and protein kinase C		
GB		19920005311	CD4 binding agents and		3/11/1992
0.5		17720003311	inhibitors of collagenase		_J/
GB		19920007166	and protein kinase C		4/1/2000
UD		19920007100	CD4 binding agents and		4/1/1992
			inhibitors of collagenase		•
GB		19920007290	and protein kinase C		4/2/1992
GB		19920007290	CD4 binding agents and		4/2/1992
			inhibitors of collagenase		
GB		19920008189	and protein kinase C		4/13/1003
GB .		19920008189	CD4 binding agents and		4/13/1992
			inhibitors of collagenase		
wo		CD02/00611	and protein kinase C		7/11/1000
l wo		GB93/00511	CD4 binding agents and		3/11/1993
			inhibitors of collagenase		
		50/00/2015	and protein kinase C		
US		60/071,046	Methods for screening		1/13/1998
			compounds using		
			encapsulated cells		
UŠ	1	60/040,888	Methods for screening		3/18/1997
	:		compounds using		
		20/242 242	encapsulated cells		
US		09/040,810	Methods for screening		3/18/1998
			compounds using		
			encapsulated cells		
CA		2,284,066	Methods for screening		3/18/1998
			compounds using		
		<u></u>	encapsulated cells		
EP		98911863.3	Methods for screening		3/18/1998
			compounds using		
3320		77555/55455	encapsulated cells	<u> </u>	811671888
wo		US98/05462	Methods for screening		3/18/1998
•			compounds using		
TTC		60/106 011	cncapsulated cells		414.010.000
US	İ	60/195,911	Positive selection		4/10/2000
}			method, compounds host		
333-0		V VA. 5. 7	cells and uses thereof		112 27
wo		Ŭ\$0I/115 <b>6</b> 7	Positive selection		4/10/2001
			method, compounds host		
		60/-61	cells and uses thereof		
US		09/102,508	Method for Identifying		6/22/98
			Tryphostin-Like		
			Inhibitors of Eukaryotic		
			Cell Process		

Initials: JMN
PATENT

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