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03-02-1998

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Form No. 18623-000

FORM PTO-1595 (Rev. 6-93)



DEPARTMENT OF COMMERCE Trademark Office

To the Honorable Asst. Commi.

100646736

100713784

of.

med 5-7-98

1. Name of conveying party(ies):
Cytel Corporation

2. Name and address of receiving party(ies):

Name: Epimmune, Inc.

Internal Address:

Street Address: 6555 Nancy Ridge Drive, Suite 200

City: San Diego State: California ZIP: 92121

Additional name(s) of conveying party(ies) attached? Yes No

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other:

Execution Date: October 28, 1997

4. Application number(s) or patent number(s).

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 07/560,615

B. Patent No.(s) 5,662,907

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Kevin L. Bastian
TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
(415) 576-0200

6. Total number of applications and patents involved: 62

7. Total fee (37 CFR 3.41):..... \$ 40.00

- Enclosed Charge Fees to Deposit Account
- Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account

8. Deposit account number: 20-1430

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Kevin L. Bastian
Name of Person Signing

Kevin L. Bastian
Signature

2/27/98
Date

Atty. Reg. No. 34,774

Total number of pages including cover sheet, attachments, and document: 35

10. Change Correspondence Address to that of Part 5? Yes No

OMB No. 0651-0011 (exp. 4/94)

Mail documents to be recorded with required cover sheet information to:
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PATENT

REEL: 9167 FRAME: 0827

1. Additional name(s) of conveying party(ies):
(Continued from Page 1)

2. Additional name(s) and address(es) of receiving party(ies):
(Continued from Page 1)

4. Additional application number(s) or patent number(s):
(Continued from Page 1)

A. Patent Application No.(s)

B. Patent No.(s)

07/654,482
08/143,973
PCT/EP91/01420
08/400,781
07/749,568
07/827,682
07/874,491
07/935,811
PCT/US92/07218
08/461,603
08/464,433
08/464,031
08/464,496
08/464,234
08/197,484
PCT/US95/02121
07/758,873
08/178,490
PCT/US92/07559
07/756,563
07/926,666
08/027,746
08/103,396
PCT/US93/07241
08/159,339
PCT/US95/01000
08/347,610
08/451,913
08/589,107
08/758,409
08/064,298
PCT/US94/05632
08/027,146
08/073,205
08/159,184
08/205,713
PCT/US94/02353
08/349,177
08/454,033
08/589,108
PCT/97/05348
08/753,622
08/121,101
08/305,871
PCT/US94/10368
08/485,218
08/103,623
PCT/US94/08721
08/465,167
08/627,820
08/103,401
PCT/US94/08672
08/468,454
60/036,696
08/278,634
08/344,824
08/452,843
PCT/US95/09234
08/590,298
08/483,196
PCT/US96/09579
08/738,942

ASSIGNMENT AND ASSUMPTION AGREEMENT

This ASSIGNMENT AND ASSUMPTION AGREEMENT ("Agreement") is entered into as of this 28th day of October, 1997 among Cytel Corporation, a Delaware corporation ("Transferor"), and Epimmune Inc., a Delaware corporation ("Transferee").

WHEREAS, Transferor wishes to transfer, assign and delegate (i) all of its right, title and interest in and to certain of its assets and properties, as listed on Exhibit A attached hereto and incorporated herein to this Agreement by this reference, including without limitation all claims, rights, privileges and similar interests, whenever accruing, inuring to the benefit of or held by Transferor with respect thereto (the "Assets"), and (ii) all of its duties and obligations under certain of its liabilities and obligations, as listed on Exhibit B attached hereto and incorporated herein to this Agreement by this reference (the "Liabilities"), and the Transferee wishes to accept such transfer, assignment and delegation, on the terms set forth in this Agreement;

WHEREAS, Transferor wishes to license certain technologies to Transferee and Transferee wishes to accept such licenses, subject to the terms hereof: and

WHEREAS, concurrently herewith the parties hereto are entering into a Stock Purchase Agreement (the "Purchase Agreement").

NOW, THEREFORE, in consideration of the foregoing and the mutual covenants and conditions set forth below, and for other good and valuable consideration, the receipt of which is hereby acknowledged, the parties to this Agreement agree as follows:

1. TRANSFER OF ASSETS.

Transferor hereby grants, sells, conveys, transfers, assigns, releases and delivers to Transferee all of the Assets, as listed on Exhibit A attached hereto, to have and hold the same unto itself, its successors and assigns forever, and Transferee hereby accepts such grant, sale, conveyance, transfer, assignment, release and delivery.

2. ASSUMPTION OF LIABILITIES.

Transferor hereby transfers, assigns and delegates to Transferee all of the Liabilities, as listed on Exhibit B, and Transferee hereby accepts such transfer, assignment and delegation and assumes and undertakes to become liable for such Liabilities and agrees to faithfully pay, perform and discharge such Liabilities when due.

3. FURTHER ASSURANCES.

It is the intent of the parties that all of the Assets and Liabilities be transferred, assigned and delegated to the Transferee as aforesaid. Each party agrees to execute, acknowledge and deliver any further deeds, assignments, conveyances and other assurances, documents and instruments of transfer and take such other actions consistent with the foregoing as may be necessary to carry out the intent of this Agreement.

4. INDEMNIFICATION.

(a) Indemnification by Transferee. Notwithstanding any investigation of the business, financial condition, prospects, properties or assets of Transferee by or on behalf of Transferor prior to the date hereof, and in addition to any and all other rights of Transferor under this Agreement, Transferee shall indemnify, defend and hold harmless Transferor and each of Transferor's officers, directors, employees, control persons, advisors, affiliates and agents (collectively, the "Indemnified Parties"), from and against any and all losses, damages, liabilities, expenses, costs, assessments and taxes (including, without limitation, interest, penalties and attorneys' fees and expenses reasonably incurred) ("Damages"), and pay each Indemnified Party on demand the full amount of any and all Damages that such party may pay or become obligated to pay, arising out of or relating to any of the following:

(i) The breach in any respect (if not qualified) of any representation or warranty of Transferee or of any obligation, agreement or covenant of Transferee contained in or made pursuant to this Agreement, the Purchase Agreement or any other agreement, certificate or other document made or delivered by Transferee at the Closing pursuant to this Agreement;

(ii) Any of the Liabilities listed on Exhibit B and assumed by Transferee; and/or

(iii) Any of the Assets listed on Exhibit A and assumed by Transferee hereunder.

All claims under this Section 4(a) shall be made at the time and in the manner provided for in Section 4(b).

(b) Indemnification Procedure. Written notice of any claim for indemnification under Section 4(a) shall be sent to the Transferee promptly following receipt by an Indemnified Party of notice of the occurrence of any event or the commencement of any action for which indemnification may be sought under this Section 4 (but the omission to so notify the Transferee, will not relieve Transferee from any liability that it may have to any Indemnified Party), and the indemnification provided

for in this Section 4 shall terminate with respect to claims with respect to which written notice has not been sent to the Transferee, on or prior to the fifth anniversary of the this Agreement. Transferee shall not, without the prior express written consent of Transferor, settle or compromise or consent to the entry of any judgment in any pending or threatened claim, action, suit or proceeding in respect of which indemnification may be sought hereunder without the prior written consent of Transferor.

5. MISCELLANEOUS.

This Agreement may be executed in any number of counterparts, all of which together shall be deemed to one and the same instrument. This Agreement shall be interpreted under the laws of the State of California as applied to contracts entered into and performed entirely among California residents.

EXHIBIT A
SCHEDULE 4
CYTEL PATENT RIGHTS

See attached

IN WITNESS WHEREOF, this Agreement has been duly executed on behalf of the parties hereto as of the date first written above.

TRANSFEROR:

Cytel Corporation, a Delaware corporation

By: Vigil Thompson
Name: Vigil Thompson
Title: President & CEO

TRANSFeree:

- Epimmune Inc., Delaware corporation

By: Deborah Scherer
Name: Deborah A Scherer
Title: President

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EPIMMUNE PATENT PORTFOLIO

Cytel Docket No.	Outside Docket No.	Title	Serial No.	Filing Date mm/dd/yy	Territory	Inventors	Status	Patent No.	Issue Date
004	014137-0004001US	NOVEL IMMUNOSUPPRESSANT PEPTIDES	07/560,615	08/01/1990	USA	GAETA, POWELL, GREY, SETTE	Abandoned		
004.1	14137-4-1	NOVEL IMMUNOSUPPRESSANT PEPTIDES	07/654,482	02/12/1991	USA	GAETA, POWELL, GREY, SETTE, ARRHENIUS	Abandoned		
004.2	14137-411	NOVEL IMMUNOSUPPRESSANT PEPTIDES	08/143,973	10/27/1993	AUSTRIA	GAETA, POWELL, GREY, SETTE, ARRHENIUS	In Prosecution		
004.2PC	14137-4-2PC	NOVEL IMMUNOSUPPRESSANT PEPTIDES	PC 14137-411/1420	07/29/1991	PCIT	GAETA, POWELL, GREY, SETTE, ARRHENIUS	Abandoned		
004.3	14137-000412US	NOVEL IMMUNOSUPPRESSANT PEPTIDES	08/400,781	03/08/1995	USA	GAETA, POWELL, GREY, SETTE, ARRHENIUS	Notice of Allowance		
026	14137-26	HLA-RESTRICTED HEPATITIS B VIRUS CTL EPITOPES	07/749,568	08/26/1991	USA	VITIELLO, CHESNUT	Abandoned		
026.1	14137-26-1	HLA-RESTRICTED HEPATITIS B VIRUS CTL EPITOPES	07/827,682	01/29/1992	USA	VITIELLO, CHESNUT	Abandoned		
026.2	14137-26-2	HLA-RESTRICTED HEPATITIS B VIRUS CTL EPITOPES	07/874,491	04/27/1992	USA	VITIELLO, CHESNUT	In Prosecution		

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EPHIMMUNE PATENT PORTFOLIO

Cytel Docket No.	Outside Docket No.	Title	Serial No.	Filing Date mm/dd/yy	Territory	Inventors	Status	Patent No.	Issue Date
026.3	14137-26-3	HLA-RESTRICTED HEPATITIS B VIRUS CTL EPITOPES	07/935,811	08/26/1992	USA	VITIELLO, CHESNUT	In Prosecution		
026.3 AU	14137-26-3AU	HLA-RESTRICTED HEPATITIS B VIRUS CTL EPITOPE	25487/92	08/26/1992	AUSTRALIA	VITIELLO, CHESNUT	In Prosecution		
026.3 BG	14137-26-3BG	HLA-RESTRICTED HEPATITIS B VIRUS CTL EPITOPE	98523	08/26/1992	BULGARIA	VITIELLO, CHESNUT	Abandoned		
026.3 BR	14137-26-3BR	HLA-RESTRICTED HEPATITIS B VIRUS CTL EPITOPES	US92/07218	08/26/1992	BRAZIL	VITIELLO, CHESNUT	In Prosecution		
026.3 CA	14137-26-3CA	HLA-RESTRICTED HEPATITIS B VIRUS CTL EPITOPES	2115839	08/26/1992	CANADA	VITIELLO, CHESNUT	In Prosecution		
026.3 CZ	14137-26-3CZ	HLA-RESTRICTED HEPATITIS B VIRUS CTL EPITOPES	Unknown	08/26/1992	CZECH REPUBLIC	VITIELLO, CHESNUT	In Prosecution		
026.3 EPO	014137-002630EP	HLA-RESTRICTED HEPATITIS B VIRUS CTL EPITOPES	92307764.8	08/26/1992	EUROPEAN PATENT ORGANIZATION	VITIELLO, CHESNUT	In Prosecution		
026.3 FI	14137-26-3FI	HLA-RESTRICTED HEPATITIS B VIRUS CTL EPITOPE	94/0918	08/26/1992	FINLAND	VITIELLO, CHESNUT	In Prosecution		
026.3 HU	14137-26-3HU	HLA-RESTRICTED HEPATITIS B VIRUS CTL EPITOPE	P9400581	08/26/1992	HUNGARY	VITIELLO, CHESNUT	In Prosecution		

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Cytel Docket No.	Outside Docket No.	Title	Serial No.	Filing Date mm/dd/yy	Territory	Inventors	Status	Patent No.	Issue Date
026.3 IL	14137-26-3IL	HLA-RESTRICTED HEPATITIS B VIRUS CTL EPITOPES	102964	08/26/1992	ISRAEL	VITIELLO, CHESNUT	In Prosecution		
026.3 JP	14137-26-3JP	HLA-RESTRICTED HEPATITIS B VIRUS CTL EPITOPE	5-504664	08/26/1992	JAPAN	VITIELLO, CHESNUT	In Prosecution		
026.3 KR	14137-26-3KR	HLA-RESTRICTED HEPATITIS B VIRUS CTL EPITOPE	94-700605	08/26/1992	SOUTH KOREA	VITIELLO, CHESNUT	In Prosecution		
026.3 NO	14137-26-3NO	HLA-RESTRICTED HEPATITIS B VIRUS CTL EPITOPE	94/0660	08/26/1992	NORWAY	VITIELLO, CHESNUT	In Prosecution		
026.3 NZ	14137-26-3NZ	HLA RESTRICTED HEPATITIS B VIRUS CTL EPITOPES	244 103	08/26/1992	NEW ZEALAND	VITIELLO, CHESNUT	In Prosecution		
026.3 NZ1	14137-26-3-1NZ	HLA-RESTRICTED HEPATITIS B VIRUS CTL EPITOPES	207 605		NEW ZEALAND	VITIELLO, CHESNUT	In Prosecution		
026.3 OAPI	14137-26-3OA	HLA-RESTRICTED HEPATITIS B VIRUS CTL EPITOPES	PV60475	08/26/1992	OAPI	VITIELLO, CHESNUT	Issued	09888	09/15/1994
026.3 PCT	14137-26-3PC	HLA-RESTRICTED HEPATITIS B VIRUS CTL EPITOPES	PCT/JUS92/07218	08/26/1992	PCT	VITIELLO, CHESNUT	In Prosecution		
026.3 RO	14137-26-3RO	HLA-RESTRICTED HEPATITIS B VIRUS CTL EPITOPE	94/00281	08/26/1992	ROMANIA	VITIELLO, CHESNUT	In Prosecution		

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Cytel Docket No.	Outside Docket No.	Title	Serial No.	Filing Date mm/dd/yy	Territory	Inventors	Status	Patent No.	Issue Date
026.3 RU	14137-26-3RU	HLA-RESTRICTED HEPATITIS B VIRUS CTL EPIPTOPES	4038427	08/26/1992	RUSSIAN FEDERATION	VITIELLO, CHESNUT	In Prosecution		
026.1 SD	14137-26-3SD	HLA-RESTRICTED HEPATITIS B VIRUS CTL EPIPTOPES	65/94	08/26/1992	SUDAN	VITIELLO, CHESNUT	Issued	137	07/23/1994
026.3 ZA	14137-26-3ZA	HLA-RESTRICTED HEPATITIS B VIRUS CTL EPIPTOPES	92/6441	08/26/1992	SOUTH AFRICA	VITIELLO, CHESNUT	Issued	92/6441	08/25/1993
026.3.1	14137-002631	HLA-RESTRICTED HEPATITIS B VIRUS CTL EPIPTOPES	08/461.603	06/05/1995	USA	VITIELLO, CHESNUT	In Prosecution		
026.3.2	14137-002632	HLA-RESTRICTED HEPATITIS B VIRUS CTL EPIPTOPES	08/464.433	06/05/1995	USA	VITIELLO, CHESNUT	In Prosecution		
026.3.3	14137-002633	HLA-RESTRICTED HEPATITIS B VIRUS CTL EPIPTOPES	08/464.031	06/05/1995	USA	VITIELLO, CHESNUT	In Prosecution		
026.3.4	14137-002634	HLA-RESTRICTED HEPATITIS B VIRUS CTL EPIPTOPES	08/464.496	06/05/1995	USA	VITIELLO, CHESNUT	In Prosecution		
026.3.5	14137-002635	HLA-RESTRICTED HEPATITIS B VIRUS CTL EPIPTOPES	08/464.234	06/05/1995	USA	VITIELLO, CHESNUT	In Prosecution		
026.4	014137-002640US	COMPOSITIONS AND METHODS FOR ELICITING CTL IMMUNITY	08/197.484	02/16/1994	USA	vitello, chesnut, celis, grey, sette	In Prosecution		

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Cytel Docket No.	Outside Docket No.	Title	Serial No.	Filing Date mm/dd/yy	Territory	Inventors	Status	Patent No.	Issue Date
026.4 AU	014137-002640AU	COMPOSITIONS AND METHODS FOR ELICITING CTL IMMUNITY	18473/95	02/16/1995	AUSTRALIA	vitello, chesnut, celis, grey, sette	In Prosecution		
026.4 CA	014137-002640CA	COMPOSITIONS AND METHODS FOR ELICITING CTL IMMUNITY		02/16/1995	CANADA	vitello, chesnut, celis, grey, sette	In Prosecution		
026.4 EPO	014137-002640EP	COMPOSITIONS AND METHODS FOR ELICITING CTL IMMUNITY	95910309.4	02/16/1995	EUROPEAN PATENT ORGANIZATION	vitello, chesnut, celis, grey, sette	In Prosecution		
026.4 PCT	014137-002640PC	COMPOSITIONS AND METHODS FOR ELICITING CTL IMMUNITY	PCT/US95/02121	02/16/1995	PCT	vitello, chesnut, celis, grey, sette	In Prosecution		
026.5	14137-002650	COMPOSITIONS AND METHODS FOR ELICITING CTL IMMUNITY		03/13/1996	USA	vitello, chesnut, celis, grey, sette	In Prosecution		
030	14137-30	NOVEL TREATMENTS FOR ALLERGIC DISEASES	07/758,873	09/09/1991	USA	SETTE, GREY, ALEXANDER	Abandoned		
030.1	14137-003010	NOVEL TREATMENTS FOR ALLERGIC DISEASES	08/178,490	01/07/1994	USA	SETTE, GREY, ALEXANDER	In Prosecution		
030PC	14137-30PC	NOVEL TREATMENTS FOR ALLERGIC DISEASES	PCT/US92/07559	09/09/1992	PCT	SETTE, GREY, ALEXANDER	Abandoned		
031	14137-31	IMMUNOSUPPRESSANT PEPTIDES AS T CELL RECEPTOR ANTAGONISTS	07/756,563	09/09/1991	USA	SETTE, GREY, ALEXANDER	Abandoned		

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Cytel Docket No.	Outside Docket No.	Title	Serial No.	Filing Date mm/dd/yy	Territory	Inventors	Status	Patent No.	Issue Date
043	14740-2	PEPTIDES FOR INDUCING CYTOTOXIC T LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	07749,540	08/26/1991	USA	CHISARI, FERRARI, PENNA	Abandoned		
043.1	014740-0002	PEPTIDES FOR INDUCING CYTOTOXIC T LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	07935,898	08/26/1992	USA	CHISARI, FERRARI, PENNA			
043.1 NZ	014740-000210NZ	PEPTIDES FOR INDUCING CYTOTOXIC T LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	244 102	08/26/1992	NEW ZEALAND	CHISARI, FERRARI, PENNA	Notice of Allowance	270,625	
043.1.1	14740-000216	PEPTIDES FOR INDUCING CYTOTOXIC T LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	08/468,279	06/06/1995	USA	CHISARI, FERRARI, PENNA	In Prosecution		
043.1.2	14740-000213	PEPTIDES FOR INDUCING CYTOTOXIC T LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	08/471,674	06/06/1995	USA	CHISARI, FERRARI, PENNA	In Prosecution		
043.1.3	14740-000218	PEPTIDES FOR INDUCING CYTOTOXIC T LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	08/470,547	06/06/1995	USA	CHISARI, FERRARI, PENNA	In Prosecution		
043.1.4	14740-000214	PEPTIDES FOR INDUCING CYTOTOXIC T LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	08/469,311	06/06/1995	USA	CHISARI, FERRARI, PENNA	In Prosecution		

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Citel Docket No.	Outside Docket No.	Title	Serial No.	Filing Date mm/dd/yy	Territory	Inventors	Status	Patent No.	Issue Date
043.1.5	14740-000211	PEPTIDES FOR INDUCING CYTOTOXIC T LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	08/468,455	06/06/1995	USA	CHISARI, FERRARI, PENNA	In Prosecution		
043.1.6	14740-000215	PEPTIDES FOR INDUCING CYTOTOXIC T LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	08/468,869	06/06/1995	USA	CHISARI, FERRARI, PENNA	In Prosecution		
043.1.7	14740-000217	PEPTIDES FOR INDUCING CYTOTOXIC T LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	08/469,144	06/06/1995	USA	CHISARI, FERRARI, PENNA	In Prosecution		
043.1.8	14740-000212	PEPTIDES FOR INDUCING CYTOTOXIC T LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	08/469,948	06/06/1995	USA	CHISARI, FERRARI, PENNA	In Prosecution		
043.1AU	014740-000210AU	PEPTIDES FOR INDUCING CYTOTOXIC T LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	25408/92	08/26/1992	AUSTRALIA	CHISARI, FERRARI, PENNA	In Prosecution		
043.1BG	14740-2-1BG	PEPTIDES FOR INDUCING CYTOTOXIC T LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	98572	08/26/1992	BULGARIA	CHISARI, FERRARI, PENNA	In Prosecution		
043.1EP	014740-000210EP	PEPTIDES FOR INDUCING CYTOTOXIC T LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	92307785.3	08/26/1992	EUROPEAN PATENT ORGANIZATION	CHISARI, FERRARI, PENNA	In Prosecution		

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043.1F1	14740-2-1F1	PEPTIDES FOR INDUCING CYTOTOXIC T LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	940919	08/26/1992	FINLAND	CHISARI, FERRARI, PENNA	In Prosecution		
043.1H1	14740-2-1H1	PEPTIDES FOR INDUCING CYTOTOXIC T LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	P9400582	08/26/1992	HUNGARY	CHISARI, FERRARI, PENNA	In Prosecution		
043.1I1	014740-00020I1L	PEPTIDES FOR INDUCING CYTOTOXIC T LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	102963	08/26/1992	ISRAEL	CHISARI, FERRARI, PENNA	In Prosecution		
043.1N0	14740-2-1N0	PEPTIDES FOR INDUCING CYTOTOXIC T LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	94.0661	08/26/1992	NORWAY	CHISARI, FERRARI, PENNA	In Prosecution		
043.1N2Z	14740-2-1-1N2Z	PEPTIDES FOR INDUCING CYTOTOXIC T LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	270.625	05/03/1995	NEW ZEALAND	CHISARI, FERRARI, PENNA	In Prosecution		
043.10A	014740-0002-1 OA	PEPTIDES FOR INDUCING CYTOTOXIC T LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS			OAPI	CHISARI, FERRARI, PENNA	Issued	9889	09/15/1994
043.1PC	014740-000210PC	PEPTIDES FOR INDUCING CYTOTOXIC T LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	PCT/US92/07213	08/26/1992	PCT	CHISARI, FERRARI, PENNA	In Prosecution		

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Cytel Docket No.	Outside Docket No.	Title	Serial No.	Filing Date mm/dd/yy	Territory	Inventors	Status	Patent No.	Issue Date
043.1RO	14740-2-1RO	PEPTIDES FOR INDUCING CYTOTOXIC T LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	94-00285	08/26/1992	ROMANIA	CHISARI, FERRARI, PENNA	In Prosecution		
043.1SD	14740-2-1SD	PEPTIDES FOR INDUCING CYTOTOXIC T LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	166/94	02/26/1994	SUDAN	CHISARI, FERRARI, PENNA	Issued	138	07/30/1994
043.1ZA	014740-000210ZA	PEPTIDES FOR INDUCING CYTOTOXIC T LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	92/6440	08/26/1992	SOUTH AFRICA	CHISARI, FERRARI, PENNA	Issued	92/6440	08/25/1993
043.2	14740-2-2	PEPTIDES FOR INDUCING CYTOTOXIC T LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	08/100,870	08/02/1993	USA	CHISARI, FERRARI, PENNA	In Prosecution		
043.2 AU	14740-000230 AU	PEPTIDES FOR INDUCING CYTOTOXIC T LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	75184/94	08/01/1994	AUSTRALIA	CHISARI, FERRARI, PENNA	In Prosecution		
043.2 CA	14740-000230 CA	PEPTIDES FOR INDUCING CYTOTOXIC T LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	2,168,583	08/01/1994	CANADA	CHISARI, FERRARI, PENNA	In Prosecution		
043.2 EPO	14740-000230 EPO	PEPTIDES FOR INDUCING CYTOTOXIC T LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	94925160.7	08/01/1994	EUROPEAN PATENT ORGANIZATION	CHISARI, FERRARI, PENNA	In Prosecution		

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043.2 JP	14740-000230 JP	PEPTIDES FOR INDUCING CYTOTOXIC T-LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	7-506053	08/01/1994	JAPAN	CHISARI, FERRARI, PENNA	In Prosecution		
043.2 NZ	14740-000230 NZ	PEPTIDES FOR INDUCING CYTOTOXIC T-LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS		08/01/1994	NEW ZEALAND	CHISARI, FERRARI, PENNA	In Prosecution		
043.2 PC	14740-2-3 PC	PEPTIDES FOR INDUCING CYTOTOXIC T-LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	PCT/US94/08685	08/01/1994	PCT	CHISARI, FERRARI, PENNA	In Prosecution		
043.3	14740-2-1-1	PEPTIDES FOR INDUCING CYTOTOXIC T-LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	08/416,950	04/04/1995	USA	CHISARI, FERRARI, PENNA	In Prosecution		
043.3.1	14740-000242	PEPTIDES FOR INDUCING CYTOTOXIC T-LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	08/466,815	06/06/1995	USA	CHISARI, FERRARI, PENNA	In Prosecution		
043.3.2	14740-000244	PEPTIDES FOR INDUCING CYTOTOXIC T-LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	08/466,816	06/06/1995	USA	CHISARI, FERRARI, PENNA	In Prosecution		
043.3.3	14740-000241	PEPTIDES FOR INDUCING CYTOTOXIC T-LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	08/469,830	06/06/1995	USA	CHISARI, FERRARI, PENNA	In Prosecution		

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043.3.4	14740-000243	PEPTIDES FOR INDICATING CYTOTOXIC T LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	08/469,812	06/06/1995	USA	CHISARI, FERRARI, PENNA	In Prosecution		
050	14137-005000US	HLA BINDING PEPTIDES AND THEIR USES	07/926,666	08/07/1992	USA	KUBO, GREY,SETTE,CELIS	Abandoned		
050.1	14137-0050100US	HLA BINDING PEPTIDES AND THEIR USES	08/027,746	03/05/1993	USA	KUBO, GREY,SETTE,CELIS	Abandoned		
050.2	014137-0050200US	HLA BINDING PEPTIDES AND THEIR USES	08/103,396	08/06/1993	USA	KUBO, GREY,SETTE,CELIS	Abandoned		
050.2 AU	14137-005020AU	HLA BINDING PEPTIDES AND THEIR USES	49989/93	08/06/1993	AUSTRALIA	KUBO, GREY,SETTE,CELIS	In Prosecution		
050.2 CA	14137-005020CA	HLA BINDING PEPTIDES AND THEIR USES	2141960	08/06/1993	CANADA	KUBO, GREY,SETTE,CELIS	In Prosecution		
050.2 EPO	14137-005020EP	HLA BINDING PEPTIDES AND THEIR USES	93919916.2	08/06/1993	EUROPEAN PATENT ORGANIZATION	KUBO, GREY,SETTE,CELIS	In Prosecution		
050.2 IL	14137-005020IL	HLA BINDING PEPTIDES AND THEIR USES			ISRAEL	KUBO, GREY,SETTE,CELIS	In Prosecution		
050.2 JP	14137-005020JP	HLA BINDING PEPTIDES AND THEIR USES	6-505592	08/06/1993	JAPAN	KUBO, GREY,SETTE,CELIS	In Prosecution		

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050.2 NZ	14137-005020NZ	HLA BINDING PEPTIDES AND THEIR USES	PCT/US93/07241	08/06/1993	NEW ZEALAND	KUBO, GREY, SETTE, CELIS	Issued	255683	12/10/1996
050.2 PC	14137-005020PC	HLA BINDING PEPTIDES AND THEIR USES	PCT/US93/07241	08/06/1993	PCT	KUBO, GREY, SETTE, CELIS	In Prosecution		
050.2 SG	14137-005020SG	HLA BINDING PEPTIDES AND THEIR USES	9605176-8	02/23/1996	SINGAPORE	KUBO, GREY, SETTE, CELIS	In Prosecution		
050.3	14137-005030US	HLA BINDING PEPTIDES AND THEIR USES	08/159,339	11/29/1993	USA	Ralph kubo, howard grey, alexandro sette, esteban celis	In Prosecution		
050.4	14137-005040US	HLA BINDING PEPTIDES AND THEIR USES	08/186,266	01/25/1994	USA	Ralph kubo, howard grey, aleSSandro sette, esteban celis	Issued	5,662,907	09/02/1997
050.4 AU	014137-005040AU	INDUCTION OF ANTI-TUMOR CYTOTOXIC T LYMPHOCYTES IN HUMANS USING SYNTHETIC PEPTIDE EPITOPES	18340/95	01/25/1995	AUSTRALIA	Ralph kubo, howard grey, aleSSandro sette, esteban celis	In Prosecution		
050.4 CA	14137-005040CA	INDUCTION OF ANTI-TUMOR CYTOTOXIC T LYMPHOCYTES IN HUMANS USING SYNTHETIC PEPTIDE EPITOPES	2,181,920	01/25/1994	CANADA	Ralph kubo, howard grey, aleSSandro sette, esteban celis	In Prosecution		
050.4 EPO	014137 005040EP	INDUCTION OF ANTI-TUMOR CYTOTOXIC T LYMPHOCYTES IN HUMANS USING SYNTHETIC PEPTIDE EPITOPES	Unknown		EUROPEAN PATENT ORGANIZATION	Ralph kubo, howard grey, aleSSandro sette, esteban celis	In Prosecution		

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050.4 MX	014137-005040MX	INDUCTION OF ANTI-TUMOR CYTOTOXIC T LYMPHOCYTES IN HUMANS USING SYNTHETIC PEPTIDE EPITOPES	963007	01/25/1995	MEXICO	Ralph Kubo, Howard Grey, Alessandro Sette, Esteban Celis	In Prosecution		
050.4 NZ	014137-005040NZ	INDUCTION OF ANTI-TUMOR CYTOTOXIC T LYMPHOCYTES IN HUMANS USING SYNTHETIC PEPTIDE EPITOPES	281409	01/25/1995	NEW ZEALAND	Ralph Kubo, Howard Grey, Alessandro Sette, Esteban Celis	In Prosecution		
050.4 PCT	14137-005040PC	INDUCTION OF ANTI-TUMOR CYTOTOXIC T LYMPHOCYTES IN HUMANS USING SYNTHETIC PEPTIDE EPITOPES	PCT/US95/01000	01/25/1995	PCT	Ralph Kubo, Howard Grey, Alessandro Sette, Esteban Celis	In Prosecution		
050.4 SG	014137-005040SG	INDUCTION OF ANTI-TUMOR CYTOTOXIC T LYMPHOCYTES IN HUMANS USING SYNTHETIC PEPTIDE EPITOPES	Unknown		SINGAPORE	Ralph Kubo, Howard Grey, Alessandro Sette, Esteban Celis	In Prosecution		
050.5	014137-005050US	HLA BINDING PEPTIDES AND THEIR USES	08/347,610	12/01/1994	USA	KUBO, GREY, SETTE, CELIS	In Prosecution		
050.6	014137-005060US	HLA BINDING PEPTIDES AND THEIR USES	08/451,913	05/26/1995	USA	Ralph Kubo, Howard Grey, Alessandro Sette, Esteban Celis	In Prosecution		
050.7	14137-005070	HLA BINDING PEPTIDES AND THEIR USES	08/589,107	01/23/1996	USA	KUBO, GREY, SETTE, CELIS	In Prosecution		
050.8	14137-005080US	HLA BINDING PEPTIDES AND THEIR USES		03/21/1996	USA	KUBO, GREY, SETTE, CELIS	In Prosecution		

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050.9	14137-0050900US	III A BINDING PEPTIDES AND THEIR USES	08/738,409	11/25/1996	USA	KUBO, GREY, SETTE, CELIS	In Prosecution		
051	014137-0075000US	NOVEL TREATMENTS FOR ALLERGIC DISEASES	08/064,298	05/19/1993	USA	ALEXANDER, FRANCO, GREY, SETTE	In Prosecution		
051PC	014137-0075000PC	NOVEL TREATMENTS FOR ALLERGIC DISEASES, ALLOWING INTERNATIONAL APPLICATION TO LAPSE INTO ABANDONMENT.	PCT/US94/05632	05/19/1993	PCT	ALEXANDER, FRANCO, GREY, SETTE	Abandoned		
054	14740-4	PEPTIDES FOR INDUCING CYTOTOXIC T-LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	08/024,120	02/26/1993	USA	CHISARI	Abandoned		
054 AU	14740-4AU	PEPTIDES FOR INDUCING CYTOTOXIC T-LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	61539/94	08/17/1995	AUSTRALIA	CHISARI	In Prosecution		
054 CA	14740-4CA	PEPTIDES FOR INDUCING CYTOTOXIC T-LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	2,156,416	08/17/1995	CANADA	CHISARI	In Prosecution		
054 CN	14740-4CH	PEPTIDES FOR INDUCING CYTOTOXIC T-LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	Unknown	08/17/1995	PEOPLE'S REPUBLIC OF CHINA	CHISARI	In Prosecution		

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054 EP	14740-4EP	PEPTIDES FOR INDUCING CYTOTOXIC T-LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	94910791.6	02/25/1994	EUROPEAN PATENT ORGANIZATION	CHISARI	In Prosecution		
054 IL	14740-2IL	PEPTIDES FOR INDUCING CYTOTOXIC T-LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	102963		ISRAEL		In Prosecution		
054 JP	14740-4JP	PEPTIDES FOR INDUCING CYTOTOXIC T-LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	6-519341	08/28/1995	JAPAN	CHISARI	In Prosecution		
054 KR	14740-4KR	PEPTIDES FOR INDUCING CYTOTOXIC T-LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	95-703607	02/25/1994	SOUTH KOREA	CHISARI	In Prosecution		
054 NZ	14740-4NZ	PEPTIDES FOR INDUCING CYTOTOXIC T-LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	263 030	02/25/1994	NEW ZEALAND	CHISARI	In Prosecution		
054 PC	14740-4PC	PEPTIDES FOR INDUCING CYTOTOXIC T-LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	PCT/US94/02195	02/25/1994	PCT	CHISARI	In Prosecution		
054 SK	14740-4SK	PEPTIDES FOR INDUCING CYTOTOXIC T-LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	94-700604	08/17/1995	SOUTH KOREA	CHISARI	In Prosecution		

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054.1	14740-41	PEPTIDES FOR INDUCING CYTOTOXIC T-LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	08/396,283	02/26/1995	USA	CHISARI	In Prosecution		
054.1.1	14740-000420	PEPTIDES FOR INDUCING CYTOTOXIC T-LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	08/463,486	06/05/1995	USA	CHISARI	In Prosecution		
054.1.2	14740-000430	PEPTIDES FOR INDUCING CYTOTOXIC T-LYMPHOCYTE RESPONSES TO HEPATITIS B VIRUS	08/464,235	06/05/1995	USA	CHISARI	In Prosecution		
058	14137-0058000S	HLA-A2.1 BINDING PEPTIDES AND THEIR USES	08/027,146	03/05/1993	USA	GREY, SETTE, SIDNEY, KAST	Abandoned		
058.1	14137-0058100S	HLA-A2.1 BINDING PEPTIDES AND THEIR USES	08/073,205	06/04/1993	USA	GREY, SETTE, SIDNEY, KAST	Abandoned		
058.2	14137-0058200S	HLA-A2.1 BINDING PEPTIDES AND THEIR USES	08/159,184	11/29/1993	USA	GREY, SETTE, SIDNEY, KAST	Abandoned		
058.3	14137-0058300S	HLA-A2.1 BINDING PEPTIDES AND THEIR USES	08/205,713	01/04/1994	USA	GREY, SETTE, SIDNEY, KAST	In Prosecution		
058.3 AU	014137-005830AU	HLA-A2.1 BINDING PEPTIDES AND THEIR USES	63594/94	01/04/1994	AUSTRALIA	GREY, SETTE, SIDNEY, KAST	In Prosecution		
058.3 BR	014137-005830BR	HLA-A2.1 BINDING PEPTIDES AND THEIR USES	P19406652-3	03/04/1994	BRAZIL	GREY, SETTE, SIDNEY, KAST	In Prosecution		

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058.3 CA	014137-005830CA	HLA-A2.1 BINDING PEPTIDES AND THEIR USES	2,157,510	03/04/1994	CANADA	GREY, SETTE, SIDNEY, KAST	In Prosecution		
058.3 CN	014137-005830CN	HLA-A2.1 BINDING PEPTIDES AND THEIR USES	94191364.3	03/04/1994	PEOPLE'S REPUBLIC OF CHINA	GREY, SETTE, SIDNEY, KAST	In Prosecution		
058.3 EPO	014137-005830EP	HLA-A2.1 BINDING PEPTIDES AND THEIR USES	Unknown	03/04/1994	EUROPEAN PATENT ORGANIZATION	GREY, SETTE, SIDNEY, KAST	In Prosecution		
058.3 JP	014137-005830JP	HLA-A2.1 BINDING PEPTIDES AND THEIR USES	6-520190	03/04/1994	JAPAN	GREY, SETTE, SIDNEY, KAST	In Prosecution		
058.3 KR	014137-005830KR	HLA-A2.1 BINDING PEPTIDES AND THEIR USES	95-703753	03/04/1994	SOUTH KOREA	GREY, SETTE, SIDNEY, KAST	In Prosecution		
058.3 NZ	014137-005830NZ	HLA-A2.1 BINDING PEPTIDES AND THEIR USES	163050	03/04/1994	NEW ZEALAND	GREY, SETTE, SIDNEY, KAST	In Prosecution		
058.3 PCT	14137-005830PC	HLA-A2.1 BINDING PEPTIDES AND THEIR USES	PCT/US94/02151	01/04/1994	PCT	GREY, SETTE, SIDNEY, KAST	In Prosecution		
058.3 RU	014137-005830RU	HLA-A2.1 BINDING PEPTIDES AND THEIR USES	Unknown	03/04/1994	RUSSIAN FEDERATION	GREY, SETTE, SIDNEY, KAST	In Prosecution		

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058.1 SU	014137-005830US1	HLA-A2.1 BINDING PEPTIDES AND THEIR USES	Unknown		SINGAPORE	GREY, SETTE, SIDNEY, KAST	In Prosecution		
058.3 SI	014137-005830SI	HLA-A2.1 BINDING PEPTIDES AND THEIR USES	Unknown		SLOVENIA	GREY, SETTE, SIDNEY, KAST	In Prosecution		
058.3 UA	014137-005830UA	HLA-A2.1 BINDING PEPTIDES AND THEIR USES	95094020	03/04/1994	UKRAINE	GREY, SETTE, SIDNEY, KAST	In Prosecution		
058.3 VN	014137-005830VN	HLA-A2.1 BINDING PEPTIDES AND THEIR USES	S-142595	03/04/1994	VIETNAM	GREY, SETTE, SIDNEY, KAST	In Prosecution		
058.4	014137-005840US	HLA-A2.1 BINDING PEPTIDES AND THEIR USES	08/349,177	12/02/1994	USA	GREY, SETTE, SIDNEY, KAST	In Prosecution		
058.5	014137-005850US	HLA-A2.1 BINDING PEPTIDES AND THEIR USES	08/454,033	05/26/1995	USA	GREY, SETTE, SIDNEY, KAST	In Prosecution		
058.6	14137-005860US	HLA-A2.1 BINDING PEPTIDES AND THEIR USES	08/589,108	01/23/1996	USA	GREY, SETTE & SIDNEY	In Prosecution		
058.7	14137-005870US	HLA-A2.1 BINDING PEPTIDES AND THEIR USES		03/21/1996	USA	GREY, SETTE & SIDNEY	In Prosecution		
058.7.1 PCT	14137-005871PC	HLA-A2.1 BINDING PEPTIDES AND THEIR USES	97/05348	03/21/1997	PCT	GREY, SETTE & SIDNEY	In Prosecution		
058.8	14137-005880US	HLA-A2.1 BINDING PEPTIDES AND THEIR USES	08/753,622	11/25/1996	USA	GREY, SETTE & SIDNEY	In Prosecution		

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059 EP	14137-59	PEPTIDES OF HUMAN PAPILLOMA VIRUS FOR USE IN HUMAN T CELL RESPONSE INDUCING COMPOSITIONS	92201232.1	03/05/1993	EUROPEAN PATENT ORGANIZATION	MELIEF, SETTE, KAST, GREY	In Prosecution		
060	14740-5	IN VITRO ACTIVATION OF CYTOTOXIC CELLS	07/841,662	02/19/1992	USA	PETERSON et al	Issued	5,314,813	05/24/1994
060.1	14740-5-1	IN VITRO ACTIVATION OF CYTOTOXIC CELLS	08/209,797	03/10/1994	USA	Peterson, per and teyton, Luk	Issued	5,529,921	06/25/1996
060.2	14740-5-1	IN VITRO ACTIVATION OF CYTOTOXIC CELLS	08/669,685	06/24/1996	USA	Peterson, per and teyton, Luk	In Prosecution		
060EP	14740-000500EP	IN VITRO ACTIVATION OF CYTOTOXIC CELLS	93906141.2	02/18/1993	EUROPEAN PATENT ORGANIZATION	PETERSON et al	In Prosecution		
060JP	14740-5JP	IN VITRO ACTIVATION OF CYTOTOXIC CELLS	5-515006	02/18/1993	JAPAN	PETERSON et al	In Prosecution		
060PC	14740-5PC	IN VITRO ACTIVATION OF CYTOTOXIC CELLS	PCT/US93/01557	02/18/1993	PCT	PETERSON et al	In Prosecution		
064	014137-006200US	ALTERATION OF IMMUNE RESPONSE USING PAN DR-BINDING PEPTIDES	08/121,101	09/14/1993	USA	SETTE, GREY	In Prosecution		

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064.1	14137-006210US	ALTERATION OF IMMUNE RESPONSE USING PAN DR-BINDING PEPTIDES	08/305,871	09/14/1994	USA	SETTE, GREY	Notice of Allowance		
064.1 AU	014137-006210AU	ALTERATION OF IMMUNE RESPONSE USING PAN DR-BINDING PEPTIDES	78736/94		AUSTRALIA	SETTE, GREY	In Prosecution		
064.1 CN	014137-006210CN	ALTERATION OF IMMUNE RESPONSE USING PAN DR-BINDING PEPTIDES	94194128.0	09/14/1994	PEOPLE'S REPUBLIC OF CHINA	SETTE, GREY	In Prosecution		
064.1 EPO	014137-006210EP	ALTERATION OF IMMUNE RESPONSE USING PAN DR-BINDING PEPTIDES	94929801.2	09/14/1994	EUROPEAN PATENT ORGANIZATION	SETTE, GREY	In Prosecution		
064.1 JP	014137-006210JP	ALTERATION OF IMMUNE RESPONSE USING PAN DR-BINDING PEPTIDES	7-509323	03/13/1996	JAPAN	SETTE, GREY	In Prosecution		
064.1 KR	014137-006210KR	ALTERATION OF IMMUNE RESPONSE USING PAN DR-BINDING PEPTIDES	96-701295	03/13/1996	SOUTH KOREA	SETTE, GREY	In Prosecution		
064.1 PC	014137-006210PC	ALTERATION OF IMMUNE RESPONSE USING PAN DR-BINDING PEPTIDES	PCT/US94/10368	09/14/1994	PCT	SETTE, GREY	In Prosecution		
064.1 SG	014137-006210SG	ALTERATION OF IMMUNE RESPONSE USING PAN DR-BINDING PEPTIDES	9607617-9	09/14/1994	SINGAPORE	SETTE, GREY	In Prosecution		
064.1 VN	014137-006210VN	ALTERATION OF IMMUNE RESPONSE USING PAN DR-BINDING PEPTIDES	Unknown		VIETNAM	SETTE, GREY	In Prosecution		

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Cytel Docket No.	Outside Docket No.	Title	Serial No.	Filing Date mm/dd/yy	Territory	Inventors	Status	Patent No.	Issue Date
064.2	14137-62-2	ALTERATION OF IMMUNE RESPONSE USING PAN DR-BINDING PEPTIDES	08/485,218	06/07/1995	USA	SETTE, GREY, gaeta. sidney, alexander	In Prosecution		
065	014137-0060000US	CLONING AND CHARACTERIZATION OF THE COMPLETE MAGE 1 GENE	08/103,623	08/06/1993	USA	FIKES, LIVINGSTON, SETTE, SIDNEY	Abandoned		
065 AU	14137-0060000AU	CLONING AND CHARACTERIZATION OF THE COMPLETE MAGE 1 GENE	75534/94	08/02/1994	AUSTRALIA	FIKES, LIVINGSTON, SETTE, SIDNEY	In Prosecution		
065 CA	14137-0060000CA	CLONING AND CHARACTERIZATION OF THE COMPLETE MAGE 1 GENE	2,168,582	08/02/1994	CANADA	FIKES, LIVINGSTON, SETTE, SIDNEY	In Prosecution		
065 EPO	14137-0060000EP	CLONING AND CHARACTERIZATION OF THE COMPLETE MAGE 1 GENE	Unknown	08/02/1994	EUROPEAN PATENT ORGANIZATION	FIKES, LIVINGSTON, SETTE, SIDNEY	In Prosecution		
065 JP	14137-0060000JP	CLONING AND CHARACTERIZATION OF THE COMPLETE MAGE 1 GENE	Unknown		JAPAN	FIKES, LIVINGSTON, SETTE, SIDNEY	In Prosecution		
065 NZ	14137-0060000NZ	CLONING AND CHARACTERIZATION OF THE COMPLETE MAGE 1 GENE	271774	08/02/1994	NEW ZEALAND	FIKES, LIVINGSTON, SETTE, SIDNEY	In Prosecution		
065 PCT	14137-0060000PC	CLONING AND CHARACTERIZATION OF THE COMPLETE MAGE 1 GENE	PCT/US94/08721	08/02/1994	PCT	FIKES, LIVINGSTON, SETTE, SIDNEY	In Prosecution		
065.1	14137-0060100US	CLONING AND CHARACTERIZATION OF THE COMPLETE MAGE 1 GENE	08/465,167	06/06/1995	USA	FIKES, LIVINGSTON, SETTE, SIDNEY	Notice of Allowance		

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Cytel Docket No.	Outside Docket No.	Title	Serial No.	Filing Date mm/dd/yy	Territory	Inventors	Status	Patent No.	Issue Date
065.2	14137-006020US	CLONING AND CHARACTERIZATION OF THE COMPLETE MA6E I GENE	08/627,820	04/02/1996	USA	FIKES, LIVINGSTON, SETTE, SIDNEY	In Prosecution		
072	14137-007200US	METHODS FOR EX VIVO THERAPY USING PEPTIDE-LOADED ANTIGEN-PRESENTING CELLS FOR THE ACTIVATION OF CTL	08/103,401	08/06/1993	USA	CELIS, KUBO, SERRA, TSAI, WENTWORTH	In Prosecution		
072 CA	14137-007200CA	METHODS FOR EX VIVO THERAPY USING PEPTIDE-LOADED ANTIGEN-PRESENTING CELLS FOR THE ACTIVATION OF CTL	2,168,950	08/01/1994	CANADA	CELIS, KUBO, SERRA, TSAI, WENTWORTH	In Prosecution		
072 EPO	14137-007200CA	METHODS FOR EX VIVO THERAPY USING PEPTIDE-LOADED ANTIGEN-PRESENTING CELLS FOR THE ACTIVATION OF CTL	94924539.3	08/01/1994	EUROPEAN PATENT ORGANIZATION	CELIS, KUBO, SERRA, TSAI, WENTWORTH	In Prosecution		
072 MX	014137-007200MX	METHODS FOR EX VIVO THERAPY USING PEPTIDE-LOADED ANTIGEN PRESENTING CELLS FOR ACTIVATION OF CTL	945978	08/05/1994	MEXICO	CELIS, KUBO, SERRA, TSAI, WENTWORTH	In Prosecution		
072 PCT	14137-007200PC	METHODS FOR EX VIVO THERAPY USING PEPTIDE-LOADED ANTIGEN-PRESENTING CELLS FOR THE ACTIVATION OF CTL	PCT/US94/08672	08/01/1994	PCT	CELIS, KUBO, SERRA, TSAI, WENTWORTH	In Prosecution		
072 SG	14137-007200SG	METHODS FOR EX VIVO THERAPY USING PEPTIDE-LOADED ANTIGEN-PRESENTING CELLS FOR THE ACTIVATION OF CTL	9606090-0	02/23/1996	SINGAPORE	CELIS, KUBO, SERRA, TSAI, WENTWORTH	In Prosecution		

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Cytel Docket No.	Outside Docket No.	Title	Serial No.	Filing Date mm/dd/yy	Territory	Inventors	Status	Patent No.	Issue Date
072.1	014137-007210US	METHODS FOR EX VIVO THERAPY USING PEPTIDE-LOADED ANTIGEN-PRESENTING CELLS FOR THE ACTIVATION OF CTL	08/468,454	06/06/1995	USA	CELIS, KUBO, SERRA, TSAL, WENTWORTH	Notice of Allowance		
072.2	014137-007220US	PEPTIDES AND PEPTIDE-LOADED ANTIGEN PRESENTING CELLS FOR THE ACTIVATION OF CTL	60/036,696	01/31/1997	USA	Van Tsai, Scott Southwood, John sidney, Alessandro Sette and Esteban Celis	Provisional Application Filed		
086	014137-000800	HLA BINDING PEPTIDES AND THEIR USES	08/278,634	07/21/1994	USA	Alessandro sette, john sidney	In Prosecution		
086 PC	14137-00802 PCT	HLA BINDING PEPTIDES AND THEIR USES	PCT/US95/	07/21/1995	PCT	Alessandro sette, john sidney	In Prosecution		
086.1	014137-008010US	HLA BINDING PEPTIDES AND THEIR USES	08/344,824	11/23/1994	USA	Sette, sidney	In Prosecution		
086.2	014137-008020US	HLA BINDING PEPTIDES AND THEIR USES	08/457,843	05/07/1995	USA	Sette, sidney	In Prosecution		
086.2 PCT	14137-008020PCT	HLA BINDING PEPTIDES AND THEIR USES	PCT/US95/09234	07/21/1995	PCT	Sette, sidney	In Prosecution		
086.2 SG	14137-008020SG	HLA BINDING PEPTIDES AND THEIR USES	9610952.5	07/21/1995	SINGAPORE	Sette, sidney	In Prosecution		
086.3	14137-008030US	HLA BINDING PEPTIDES AND THEIR USES	08/490,298	01/23/1996	USA	SETTE, SIDNEY	In Prosecution		
086.4	14137-008040US	HLA BINDING PEPTIDES AND THEIR USES	TBD	12/23/1996	USA	SETTE, SIDNEY	In Prosecution		
092	P-IX 9970	CLASS I PEPTIDE BINDING MOTIFS	08/227,101	04/11/1994	PCT	HUSE et al.	In Prosecution		
092 PC	FP-IX 1458	CLASS I PEPTIDE BINDING MOTIFS	PCT/US95/04509	04/11/1994	PCT	HUSE et al.	In Prosecution		

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Cytel Docket No.	Outside Docket No.	Title	Serial No.	Filing Date mm/dd/yy	Territory	Inventors	Status	Patent No.	Issue Date
098	014137-0081000US	MANUFACTURE AND PURIFICATION OF PEPTIDES	08/483,196	06/07/1995	USA	Kubo, arthenius	In Prosecution		
098 PCT	014137-0081000PC	MANUFACTURE AND PURIFICATION OF PEPTIDES	PCT/US96/09379	06/05/1996	PCT	Kubo, arthenius	In Prosecution		
107	TSR1 465.0	PHAGOCYTE-INDUCED ANTIGEN SPECIFIC ACTIVATION OF UNPRINTED CD8+T CELLS	08/447,761	05/23/1995	USA	Marloes L.H. DeBruijn; Michael R. Jackson & Per A. Peterson	In Prosecution		
107 PCT	TSR1 465.0	PHAGOCYTE-INDUCED ANTIGEN SPECIFIC ACTIVATION OF UNPRINTED CD8+T CELLS	PCT/US96/07436	05/22/1996	PCT		In Prosecution		
108		HA-2 ANTIGENIC PEPTIDE		12/23/1994	USA	HUNT, ENGELHARD & GOULMY	In Prosecution		
110	014137-0082000US	MONOCLONAL ANTIBODIES SPECIFIC FOR HEPATITIS B VIRUS ANTIGEN-MHC COMPLEXES AND METHODS OF PRODUCING SAME			USA	KUBO, CHESNUT	Hold on Preparation		
112	Slingluff=1	PEPTIDES RECOGNIZED BY MELANOMA-SPECIFIC CYTOTOXIC LYMPHOCYTES, AND USES THEREFOR	08/234,784	04/29/1994	USA	SLINGLUFF	In Prosecution		
112 AU	SLINGLUFF=1A ASTL	PEPTIDES RECOGNIZED BY MELANOMA-SPECIFIC CYTOTOXIC LYMPHOCYTES, AND USES THEREFOR	19215/95	10/24/1996	AUSTRALIA	SLINGLUFF	In Prosecution		

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Cytel Docket No.	Outside Docket No.	Title	Serial No.	Filing Date mm/dd/yy	Territory	Inventors	Status	Patent No.	Issue Date
112 CA	SLINGLUFF=1A CANADA	PEPTIDES RECOGNIZED BY MELANOMA-SPECIFIC CYTOTOXIC LYMPHOCYTES, AND US TS THEREFOR	2,182,889	10/24/1996	CANADA	sLINGLUFF	In Prosecution		
112 EPO	SLINGLUFF=1A EPC	PEPTIDES RECOGNIZED BY MELANOMA-SPECIFIC CYTOTOXIC LYMPHOCYTES, AND US TS THEREFOR		10/24/1996	EUROPEAN PATENT ORGANIZATION	sLINGLUFF	In Prosecution		
112 FI	SLINGLUFF=1A FINL	PEPTIDES RECOGNIZED BY MELANOMA-SPECIFIC CYTOTOXIC LYMPHOCYTES, AND US TS THEREFOR	963196	10/24/1996	FINLAND	sLINGLUFF	In Prosecution		
112 MX	SLINGLUFF=1A MEXI	PEPTIDES RECOGNIZED BY MELANOMA-SPECIFIC CYTOTOXIC LYMPHOCYTES, AND US TS THEREFOR	963431	10/24/1996	MEXICO	sLINGLUFF	In Prosecution		
112 NO	SLINGLUFF=1A NORW	PEPTIDES RECOGNIZED BY MELANOMA-SPECIFIC CYTOTOXIC LYMPHOCYTES, AND US TS THEREFOR	963344	10/24/1996	NORWAY	sLINGLUFF	In Prosecution		
112 NZ	SLINGLUFF=1A NEWZ	PEPTIDES RECOGNIZED BY MELANOMA-SPECIFIC CYTOTOXIC LYMPHOCYTES, AND US TS THEREFOR	282183	10/24/1996	NEW ZEALAND	sLINGLUFF	In Prosecution		
112 PCT	SLINGLUFF=1A PCT	PEPTIDES RECOGNIZED BY MELANOMA-SPECIFIC CYTOTOXIC LYMPHOCYTES, AND US TS THEREFOR	PCT/US95/01991	02/16/1995	PCT	sLINGLUFF	In Prosecution		

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112.1	SLINGLUFF=1A	PEPTIDES RECOGNIZED BY MELANOMA-SPECIFIC CYTOTOXIC LYMPHOCYTES, AND USES THEREFOR	08/682,768	10/24/1996	USA	sLINGLUFF	In Prosecution		
113	47584	ONCOGENE FUSION PROTEIN PEPTIDE VACCINES	08/437,175	03/08/1995	USA	scheinberg, sette, bocchia	In Prosecution		
123	014137-008700US	IMMUNOGENIC ANTI-FUNGAL PEPTIDES AND THEIR USES	08/738,942	10/24/1996	USA	Sette & Kundo	In Prosecution		
131	14137-009500US	PEPTIDES WITH INCREASED BINDING AFFINITY FOR HLA MOLECULES		03/11/1996	USA	Sette, Sidney	In Prosecution		
133	SLINGLUFF=2	PEPTIDES RECOGNIZED BY MELANOMA-SPECIFIC A2- AND A3-RESTRICTED CYTOTOXIC LYMPHOCYTES, AND USES THEREFOR		03/19/1996	USA	Slingluff, hunt, engelhard, skipper, kirtlesen, hendrickson, shabanowitz and cox	In Prosecution		
134	WANG=68	H-Y DERIVED EPITOPES AND USES THEREFOR		07/28/1995	USA	Wang, meadows, shabanowitz, hunt, goulmy and engelhard	In Prosecution		
134.1	WANG=68A	H-Y DERIVED EPITOPES AND USES THEREFOR	Unknown	07/26/1996	USA	Wang, meadows, shabanowitz, hunt, goulmy and engelhard	In Prosecution		
134.1 PCT	WANG=68 A PCT	H-Y DERIVED EPITOPES AND USES THEREFOR	PCT/US96/12351	07/26/1996	PCT	Wang, meadows, shabanowitz, hunt, goulmy and engelhard	In Prosecution		

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Cytel Docket No.	Outside Docket No.	Title	Serial No.	Filing Date mm/dd/yy	Territory	Inventors	Status	Patent No.	Issue Date
147	014137-011510US	IDENTIFICATION OF BROADLY REACTIVE DR RESTRICTED EPITOPES		01/23/1997	USA	Sette	Provisional Application Filed		

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City: San Diego State: California ZIP: 92121

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4. Application number(s) or patent number(s).

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 07/560,615 B. Patent No.(s) 5,662,907

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Kevin L. Bastian
TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
(415) 576-0200

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41):..... \$ 40.00

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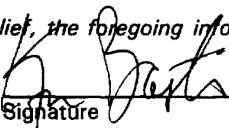
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A. Patent Application No.(s)

B. Patent No.(s)

07/654,482
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