

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	Change of Address
CONVEYING PARTY DATA	
Name	Execution Date
Biogen Idec Inc.	08/30/2006
RECEIVING PARTY DATA	
Name:	Biogen Idec Inc.
Street Address:	14 Cambridge Center
City:	Cambridge
State/Country:	MASSACHUSETTS
Postal Code:	02142
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10073138
CORRESPONDENCE DATA	
Fax Number:	(703)770-7901
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	7037707772
Email:	julie.meigs@pillsburylaw.com
Correspondent Name:	Julie Broadus Meigs, Ph.D.
Address Line 1:	1650 Tysons Boulevard
Address Line 4:	Mclean, VIRGINIA 22102
ATTORNEY DOCKET NUMBER:	037003-0280705
NAME OF SUBMITTER:	Julie Broadus Meigs, Ph.D.
Total Attachments: 15 source=NameChangeNoticeofRecordation#page1.tif source=NameChangeNoticeofRecordation#page2.tif source=NameChangeNoticeofRecordation#page3.tif source=NameChangeNoticeofRecordation#page4.tif source=NameChangeNoticeofRecordation#page5.tif	

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

SEPTEMBER 03, 2004

PTAS



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PILLSBURY WINTHROP LLP
THOMAS A. CAWLEY, JR.
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INTELLECTUAL PROPERTY GROUP
MCLEAN, VA 22102

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/06/2004

REEL/FRAME: 015044/0873
NUMBER OF PAGES: 7

BRIEF: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

IDEC PHARMACEUTICALS CORPORATION

DOC DATE: 11/12/2003

ASSIGNEE:

BIOGEN IDEC INC.

~~3030 CALLAN ROAD~~

~~SAN DIEGO, CALIFORNIA 92121~~

14 Cambridge Center
Cambridge, MA 02142

QEM 08/30/06

SERIAL NUMBER: 07431426

FILING DATE: 11/03/1989

PATENT NUMBER:

ISSUE DATE:

TITLE: ANTI-IDIOTYPE ANTIBODIES TO HUMAN MELANOMA-ASSOCIATED PROTEOGLYCAN ANTIGEN

SERIAL NUMBER: 07735064

FILING DATE: 07/25/1991

PATENT NUMBER:

ISSUE DATE:

TITLE: CHIMERIC ANTIBODIES FOR HUMAN THERAPY

SERIAL NUMBER: 07735069 FILING DATE: 07/25/1991
PATENT NUMBER: ISSUE DATE:
TITLE: INDUCTION OF CYTOTOXIC T-LYMPHOCYTE RESPONSES

SERIAL NUMBER: 07856281 FILING DATE: 03/23/1992
PATENT NUMBER: ISSUE DATE:
TITLE: CHIMERIC ANTIBODIES FOR HUMAN THERAPY

SERIAL NUMBER: 07912292 FILING DATE: 07/10/1992
PATENT NUMBER: ISSUE DATE:
TITLE: RECOMBINANT ANTIBODIES FOR HUMAN THERAPY

SERIAL NUMBER: 07977691 FILING DATE: 11/13/1992
PATENT NUMBER: ISSUE DATE:
TITLE: IMPAIRED DOMINANT SELECTABLE MARKER SEQUENCE FOR ENHANCEMENT OF
EXPRESSION OF CO-LINKED GENE PRODUCT AND EXPRESSION VECTOR SYSTEMS
COMPRISING SAME

SERIAL NUMBER: 08476674 FILING DATE: 06/07/1995
PATENT NUMBER: ISSUE DATE:
TITLE: INDUCTION OF CYTOTOXIC T-LYMPHOCYTE RESPONSES

SERIAL NUMBER: 08746361 FILING DATE: 11/08/1996
PATENT NUMBER: ISSUE DATE:
TITLE: IDENTIFICATION OF UNIQUE BINDING INTERACTIONS BETWEEN CERTAIN
ANTIBODIES AND THE HUMAN B7.1 AND B7.2 CO-STIMULATORY ANTIGENS

SERIAL NUMBER: 08933359 FILING DATE: 09/18/1997
PATENT NUMBER: ISSUE DATE:
TITLE: SYNERGISTIC COMPOSITION AND METHODS FOR TREATING NEOPLASTIC OR
CANCEROUS GROWTHS AND FOR RESTORING OR BOOSTING HEMATOPOIESIS

SERIAL NUMBER: 09082472 FILING DATE: 05/21/1998
PATENT NUMBER: ISSUE DATE:
TITLE: RECOMBINANT ANTIBODIES FOR HUMAN THERAPY

SERIAL NUMBER: 09149479 FILING DATE: 09/08/1998
PATENT NUMBER: ISSUE DATE:
TITLE: METHOD FOR PRODUCING HUMAN ANTIBODIES IN SCID MICE WHICH USES
DENDRITIC CELLS PULSED WITH ANTIGEN-ANTIBODY COMPLEXES AND ANTIGEN-
ANTIBODY COMPLEXES AS IMMUNIZING AGENTS

SERIAL NUMBER: 09615796 FILING DATE: 07/13/2000
PATENT NUMBER: ISSUE DATE:
TITLE: IMPAIRED DOMINANT SELECTABLE MARKER SEQUENCE AND INTRONIC INSERTION
STRATEGIES FOR ENHANCEMENT OF EXPRESSION OF GENE PRODUCT AND
EXPRESSION VECTOR SYSTEMS COMPRISING SAME

SERIAL NUMBER: 09834933 FILING DATE: 04/16/2001
PATENT NUMBER: ISSUE DATE:
TITLE: TREATMENT OF B CELL MALIGNANCIES USING ANTI-CD40L ANTIBODIES IN
COMBINATION WITH ANTI-CD20 ANTIBODIES AND/OR CHEMOTHERAPEUTICS AND
RADIOTHERAPY

SERIAL NUMBER: 09850165 FILING DATE: 05/08/2001
PATENT NUMBER: ISSUE DATE:
TITLE: RECOMBINANT ANTIBODIES FOR HUMAN THERAPY

SERIAL NUMBER: 09877065 FILING DATE: 06/11/2001
PATENT NUMBER: ISSUE DATE:
TITLE: NOVEL GENE TARGETS AND LIGANDS THAT BIND THERETO FOR TREATMENT AND
DIAGNOSIS OF OVARIAN CARCINOMAS

SERIAL NUMBER: 09971631 FILING DATE: 10/09/2001
PATENT NUMBER: ISSUE DATE:
TITLE: IMPAIRED DOMINANT SELECTABLE MARKER SEQUENCE AND INTRONIC INSERTION
STRATEGIES FOR ENHANCEMENT OF EXPRESSION OF GENE PRODUCT AND
EXPRESSION VECTOR SYSTEMS COMPRISING SAME

SERIAL NUMBER: 60057831 FILING DATE: 09/08/1997
PATENT NUMBER: ISSUE DATE:
TITLE: METHOD FOR PRODUCING HUMAN ANTIBODIES IN SCID MICE WHICH USES
DENDRITIC CELLS PULSED WITH ANTIGEN-ANTIBODY COMPLEXES AND ANTIGEN-
ANTIBODY COMPLEXES AS IMMUNIZING AGENTS

SERIAL NUMBER: 60109607 FILING DATE: 11/23/1998
PATENT NUMBER: ISSUE DATE:
TITLE: TUMOR ANTIGEN-SPECIFIC ANTIBODY-GP39 CHIMERIC PROTEIN CONSTRUCTS

SERIAL NUMBER: 60134848 FILING DATE: 05/19/1999
PATENT NUMBER: ISSUE DATE:
TITLE: OVERCOMING BARRIERS TO ADENOVIRUS VECTOR-MEDIATED GENE THERAPY FOR
CYSTIC FIBROSIS

SERIAL NUMBER: 60148288 FILING DATE: 08/11/1999
PATENT NUMBER: ISSUE DATE:
TITLE: NEW CLINICAL PARAMETERS FOR DETERMINING HEMATOLOGIC TOXICITY PRIOR
TO RADIOIMMUNOTHERAPY

SERIAL NUMBER: 60185390 FILING DATE: 02/28/2000
PATENT NUMBER: ISSUE DATE:
TITLE: METHOD FOR PRAPARING ANTI-MIF ANTIBODIES

SERIAL NUMBER: 60189050 FILING DATE: 03/14/2000
PATENT NUMBER: ISSUE DATE:
TITLE: TWO MONOCLONAL ANTIBODIES THAT BIND PHOSPHATIDYL SERINE AND A
METHOD OF KILLING TUMOR CELLS

SERIAL NUMBER: 60193467 FILING DATE: 03/31/2000
PATENT NUMBER: ISSUE DATE:
TITLE: COMBINED USE OF ANTI-CYTOKINE ANTIBODIES AND ANTI-CD20 FOR THE
TREATMENT OF B-CELL LYMPHOMA

SERIAL NUMBER: 60199365 FILING DATE: 04/25/2000
PATENT NUMBER: ISSUE DATE:
TITLE: INTRATHECAL ADMINISTRATION OF RITUXIMAB FOR TREATMENT OF CENTRAL
NERVOUS SYSTEM LYMPHOMAS

SERIAL NUMBER: 60209584 FILING DATE: 06/06/2000
PATENT NUMBER: ISSUE DATE:
TITLE: NON-AGONISTRIC ANTIBODIES TO HUMAN GP39, COMPOSITIONS CONTAINING
AND THERAPEUTIC USE THEREOF

SERIAL NUMBER: 60210451 FILING DATE: 06/09/2000
PATENT NUMBER: ISSUE DATE:
TITLE: NOVEL GENE TARGETS AND LIGANDS THAT BIND THERETO FOR TREATMENT AND
DIAGNOSIS OF OVARIAN CARCINOMAS

SERIAL NUMBER: 60212668 FILING DATE: 06/20/2000
PATENT NUMBER: ISSUE DATE:
TITLE: TREATMENT OF B-CELL ASSOCIATED DISEASES SUCH AS MALIGNANCIES AND
AUTOMMUNE DISEASES USING ANTI-CD20 ANTIBODY/RADIOLABLED ANTI-CD22
ANTIBODY COMBINATION

SERIAL NUMBER: 60213252 FILING DATE: 06/22/2000
PATENT NUMBER: ISSUE DATE:
TITLE: BISPECIFIC FUSION PROTEIN AND METHOD OF USE FOR ENHANCING EFFECTOR
CELL KILLING OF TARGET CELLS

SERIAL NUMBER: 60217706 FILING DATE: 07/12/2000
PATENT NUMBER: ISSUE DATE:
TITLE: TREATMENT OF B CELL MALIGNANCIES USING ANTOI-CD40L ANTIBODIES IN
COMBINATION WITH ANTI-CD20 ANTIBODIES AND/OR CHEMOTHERAPETICS AND
RADIOTHERAPY

SERIAL NUMBER: 60233607 FILING DATE: 09/18/2000
PATENT NUMBER: ISSUE DATE:
TITLE: COMBINATION THERAPY FOR TREATMENT OF AUTOIMMUNE DISEASES COMPRISING
CD40L ANTAGONIST AND ANTIBODIES TO B7, CD19, CD20, CD22, CD23

SERIAL NUMBER: 60233625 FILING DATE: 09/18/2000
PATENT NUMBER: ISSUE DATE:
TITLE: METHOD FOR PREPARING ANTI-MIF ANTIBODIES

SERIAL NUMBER: 60241022 FILING DATE: 10/20/2000
PATENT NUMBER: ISSUE DATE:
TITLE: VARIANT LGG3 RITUXAN AND THERAPEUTIC USE THEREOF

SERIAL NUMBER: 60257147 FILING DATE: 12/22/2000
PATENT NUMBER: ISSUE DATE:
TITLE: COMBINATION THERAPY FOR TREATMENT OF AUTOIMMUNE DISEASES USING B
CELL DEPLETING/IMMUNOREGULATORY ANTIBODY COMBINATION

SERIAL NUMBER: 60264318 FILING DATE: 01/29/2001
PATENT NUMBER: ISSUE DATE:
TITLE: MODIFIED ANTIBODIES AND METHODS OF USE

SERIAL NUMBER: 60280139 FILING DATE: 04/02/2001
PATENT NUMBER: ISSUE DATE:
TITLE: EXPRESSION OF GNTIII IN A RECOMBINANT ANTI-CD20 CHO PRODUCTION CELL
LINE: EXPRESSION OF ANTIBODIES WITH ALTERED GLYCOFORMS LEADS TO AN
INCREASE IN ADCC THROUGH HIGHER AFFINITY FOR FCYRIII

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SERIAL NUMBER: 60300063 FILING DATE: 06/25/2001
PATENT NUMBER: ISSUE DATE:
TITLE: GENES CORRELATED TO OVARIAN CANCER AND THEIR USE IN DEVELOPING
NOVEL THERAPEUTICS

SERIAL NUMBER: 60303813 FILING DATE: 07/10/2001
PATENT NUMBER: ISSUE DATE:
TITLE: INHIBITION OF APOPTOSIS PROCESS AND IMPROVEMENT OF CELL PERFORMANCE

SERIAL NUMBER: 60331187 FILING DATE: 11/09/2001
PATENT NUMBER: ISSUE DATE:
TITLE: ANTI CD 80 AND RITUXIMAB COMBINATION THERAPY OF B-CELL LYMPHOMA

SERIAL NUMBER: 60331481 FILING DATE: 11/16/2001
PATENT NUMBER: ISSUE DATE:
TITLE: POLYCISTRONIC EXPRESSION OF ANTIBODIES

SERIAL NUMBER: 60341860 FILING DATE: 12/21/2001
PATENT NUMBER: ISSUE DATE:
TITLE: GENES CORRELATED TO OVARIAN CANCER AND THEIR USE IN DEVELOPING
NOVEL THERAPEUTICS

SERIAL NUMBER: 60357140 FILING DATE: 02/19/2002
PATENT NUMBER: ISSUE DATE:
TITLE: PROSTATE SPECIFIC GENES AND THE USE THEREOF IN DESIGN OR
THERAPEUTICS

SERIAL NUMBER: 60367727 FILING DATE: 03/28/2002
PATENT NUMBER: ISSUE DATE:
TITLE: NOVEL GENE TARGETS AND LIGANDS THAT BIND THERETO FOR TREATMENT AND
DIAGNOSIS OF COLON CARCINOMAS

SERIAL NUMBER: 60381328 FILING DATE: 05/20/2002
PATENT NUMBER: ISSUE DATE:
TITLE: NOVEL GENE TARGETS AND LIGANDS THAT BIND THERETO FOR TREATMENT AND
DIAGNOSIS OF COLON CARCINOMAS

SERIAL NUMBER: 60386746 FILING DATE: 06/10/2002
PATENT NUMBER: ISSUE DATE:
TITLE: GENES UPREGULATED IN BREAST CANCER AND USE THEREOF AS TARGETS FOR
NOVEL THERAPIES AND DIAGNOSTIC AGENTS

SERIAL NUMBER: 60386747 FILING DATE: 06/10/2002
PATENT NUMBER: ISSUE DATE:
TITLE: NOVEL GENE TARGETS AND LIGANDS THAT BIND THERETO FOR TREATMENT AND
DIAGNOSIS OF COLON CARCINOMAS

SERIAL NUMBER: 60386748 FILING DATE: 06/10/2002
PATENT NUMBER: ISSUE DATE:
TITLE: GENES CORRELATED TO OVARIAN CANCER AND THEIR USE IN DEVELOPING
NOVEL THERAPEUTICS

SERIAL NUMBER: 60386759 FILING DATE: 06/10/2002
PATENT NUMBER: ISSUE DATE:
TITLE: PROSTATE SPECIFIC GENES AND THE USE THEREOF IN DESIGN OF
THERAPEUTICS

SERIAL NUMBER: 60390191 FILING DATE: 06/21/2002
PATENT NUMBER: ISSUE DATE:
TITLE: BUFFERED FORMULATIONS FOR CONCENTRATING ANTIBODIES

SERIAL NUMBER: 60396082 FILING DATE: 07/17/2002
PATENT NUMBER: ISSUE DATE:
TITLE: PROSTATE SPECIFIC GENES AND THE USE THEREOF IN DESIGN OF
THERAPEUTICS

SERIAL NUMBER: 60396141 FILING DATE: 07/17/2002
PATENT NUMBER: ISSUE DATE:
TITLE: GENES CORRELATED TO OVARIAN CANCER AND THEIR USE IN DEVELOPING
NOVEL THERAPEUTICS

SERIAL NUMBER: 60396255 FILING DATE: 07/17/2002
PATENT NUMBER: ISSUE DATE:
TITLE: GENES UPREGULATED IN BREAST CANCER

SERIAL NUMBER: 60400687 FILING DATE: 08/05/2002
PATENT NUMBER: ISSUE DATE:
TITLE: POLYCISTRONIC EXPRESSION OF ANTIBODIES

SERIAL NUMBER: 60405318 FILING DATE: 08/23/2002
PATENT NUMBER: ISSUE DATE:
TITLE: GENES UPREGULATED IN BREAST CANCER

SERIAL NUMBER: 60405319 FILING DATE: 08/23/2002
PATENT NUMBER: ISSUE DATE:
TITLE: GENES CORRELATED TO OVARIAN CANCER AND THEIR USE IN DEVELOPING
NOVEL THERAPEUTICS

SERIAL NUMBER: 60410506 FILING DATE: 09/13/2002
PATENT NUMBER: ISSUE DATE:
TITLE: METHOD OF PURIFYING ANTIBODIES BY SIMULATED MOVING BED
CHROMATOGRAPHY

SERIAL NUMBER: 60427564 FILING DATE: 11/20/2002
PATENT NUMBER: ISSUE DATE:
TITLE: NOVEL GENE TARGETS AND LIGANDS THAT BIND THERETO FOR TREATMENT AND
DIAGNOSIS OF COLON CARCINOMAS

SERIAL NUMBER: 60428274 FILING DATE: 11/22/2002
PATENT NUMBER: ISSUE DATE:
TITLE: GENES CORRELATED TO OVARIAN CANCER AND THEIR USE IN DEVELOPING
NOVEL THERAPEUTICS

SERIAL NUMBER: 60452928 FILING DATE: 03/10/2003
PATENT NUMBER: ISSUE DATE:
TITLE: THIOL-MEDIATED DRUG ATTACHMENT TO TARGETING PEPTIDES

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SERIAL NUMBER: 09238741 FILING DATE: 01/28/1999
PATENT NUMBER: ISSUE DATE:
TITLE: PRODUCTION OF TETRAVALENT ANTIBODIES

SERIAL NUMBER: 09259337 FILING DATE: 03/01/1999
PATENT NUMBER: ISSUE DATE:
TITLE: RADIOLABELING KIT AND BINDING ASSAY

SERIAL NUMBER: 09259338 FILING DATE: 03/01/1999
PATENT NUMBER: ISSUE DATE:
TITLE: KIT FOR RADIOLABELING LIGANDS WITH YTTRIUM-90

SERIAL NUMBER: 09435992 FILING DATE: 11/08/1999
PATENT NUMBER: ISSUE DATE:
TITLE: TREATMENT OF B CELL MALIGNANCIES USING ANTI-CD40L ANTIBODIES IN
COMBINATION WITH ANTI-CD20 ANTIBODIES AND/OR CHEMOTHERAPEUTICS AND
RADIOTHERAPY

SERIAL NUMBER: 09447594 FILING DATE: 11/23/1999
PATENT NUMBER: ISSUE DATE:
TITLE: TUMOR ANTIGEN-SPECIFIC ANTIBODY-GP39 CHIMERIC PROTEIN CONSTRUCTS

SERIAL NUMBER: 09576424 FILING DATE: 05/22/2000
PATENT NUMBER: ISSUE DATE:
TITLE: TREATMENT OF CROHN'S DISEASE USING ANTI-CD80 ANTIBODIES THAT DO NOT
INHIBIT THE BINDING OF CD80 ANTIGEN TO CTLA-4

SERIAL NUMBER: 09612914 FILING DATE: 07/10/2000
PATENT NUMBER: ISSUE DATE:
TITLE: RECOMBINANT ANTI-CD4 ANTIBODIES FOR HUMAN THERAPY

SERIAL NUMBER: 09628186 FILING DATE: 07/28/2000
PATENT NUMBER: ISSUE DATE:
TITLE: KIT FOR RADIOLABELING LIGANDS WITH YTTRIUM-90

SERIAL NUMBER: 09635929 FILING DATE: 08/10/2000
PATENT NUMBER: ISSUE DATE:
TITLE: TREATMENT OF PATIENTS HAVING NON-HODGKINS LYMPHOMA WITH BONE
MARROW INVOLVEMENT WITH ANTI-CD20 ANTIBODIES

SERIAL NUMBER: 09758173 FILING DATE: 01/12/2001
PATENT NUMBER: ISSUE DATE:
TITLE: METHODS FOR TREATING B CELL LYMPHOMA USING CD80-SPECIFIC ANTIBODIES

SERIAL NUMBER: 09772938 FILING DATE: 01/31/2001
PATENT NUMBER: ISSUE DATE:
TITLE: TREATMENT OF CELL MALIGNANCIES USING COMBINATION OF B CELL
DEPLETING ANTIBODY AND IMMUNE MODULATING ANTIBODY RELATED
APPLICATIONS

SERIAL NUMBER: 09791551 FILING DATE: 02/26/2001
PATENT NUMBER: ISSUE DATE:
TITLE: METHOD FOR PREPARING ANTI-MIF ANTIBODIES

SERIAL NUMBER: 09798525 FILING DATE: 02/21/2001
PATENT NUMBER: ISSUE DATE:
TITLE: METHOD FOR PRODUCING HUMAN ANTIBODIES IN SCID MICE WHICH USES
DENDRITIC CELLS PULSED WITH ANTIGEN-ANTIBODY COMPLEXES AND ANTIGEN-
ANTIBODY COMPLEXES AS IMMUNIZING AGENTS

SERIAL NUMBER: 09805217 FILING DATE: 03/14/2001
PATENT NUMBER: ISSUE DATE:
TITLE: ANTIBODIES THAT BIND PHOSPHATIDYL SERINE AND A METHOD OF THEIR USE

SERIAL NUMBER: 09822672 FILING DATE: 04/02/2001
PATENT NUMBER: ISSUE DATE:
TITLE: COMBINED USE OF ANTI-CYTOKINE ANTIBODIES OR ANTAGONISTS AND ANTI-
CD20 FOR TREATMENT OF B CELL LYMPHOMA

SERIAL NUMBER: 09840872 FILING DATE: 04/25/2001
PATENT NUMBER: ISSUE DATE:
TITLE: INTRATHECAL ADMINISTRATION OF RITUXIMAB FOR TREATMENT OF CENTRAL
NERVOUS SYSTEM LYMPHOMAS

SERIAL NUMBER: 09853580 FILING DATE: 05/14/2001
PATENT NUMBER: ISSUE DATE:
TITLE: SYNERGISTIC COMPOSITION AND METHODS FOR TREATING NEOPLASTIC OR
CANCEROUS GROWTHS AND FOR RESTORING OR BOOSTING HEMATOPOIESIS

SERIAL NUMBER: 09853581 FILING DATE: 05/14/2001
PATENT NUMBER: ISSUE DATE:
TITLE: SYNERGISTIC COMPOSITION AND METHODS FOR TREATING NEOPLASTIC OR
CANCEROUS GROWTHS AND FOR RESTORING OR BOOSTING HEMATOPOIESIS

SERIAL NUMBER: 09855717 FILING DATE: 05/16/2001
PATENT NUMBER: ISSUE DATE:
TITLE: TREATMENT OF B CELL MALIGNANCIES USING COMBINATION OF B CELL
DEPLETING ANTIBODY AND IMMUNE MODULATING ANTIBODY RELATED
APPLICATIONS

SERIAL NUMBER: 09856534 FILING DATE: 09/04/2001
PATENT NUMBER: ISSUE DATE:
TITLE: TUMOR ANTIGEN- SPECIFIC ANTIBODY- GP39 CHIMERIC PROTEIN CONSTRUCTS

SERIAL NUMBER: 09874141 FILING DATE: 06/06/2001
PATENT NUMBER: ISSUE DATE:
TITLE: NON-AGONISTIC ANTIBODIES TO HUMAN GP39, COMPOSITIONS CONTAINING,
AND THERAPEUTIC USE THEREOF

SERIAL NUMBER: 09883962 FILING DATE: 06/20/2001
PATENT NUMBER: ISSUE DATE:
TITLE: TREATMENT OF B-CELL ASSOCIATED DISEASES SUCH AS MALIGNANCES AND
AUTOIMMUNE DISEASES USING A COLD ANTI-CD20 ANTIBODY/RADIOLABELED
ANTI-CD22 ANTIBODY COMBINATION

SERIAL NUMBER: 09954274 FILING DATE: 09/18/2001
PATENT NUMBER: ISSUE DATE:
TITLE: COMBINATION THERAPY FOR TREATMENT OF AUTOIMMUNE DISEASES USING B
CELL DEPLETING/IMMUNOREGULATORY ANTIBODY COMBINATION

SERIAL NUMBER: 09982849 FILING DATE: 10/22/2001
PATENT NUMBER: ISSUE DATE:
TITLE: VARIANT IGG3 RITUXAN AND THERAPEUTIC USE THEREOF

SERIAL NUMBER: 09985646 FILING DATE: 11/05/2001
PATENT NUMBER: ISSUE DATE:
TITLE: USE OF CD23 ANTAGONISTS FOR THE TREATMENT OF NEOPLASTIC DISORDERS

SERIAL NUMBER: 09986174 FILING DATE: 11/07/2001
PATENT NUMBER: ISSUE DATE:
TITLE: BISPECIFIC FUSION PROTEIN AND METHOD OF USE FOR ENHANCING EFFECTOR
CELL KILLING OF TARGET CELLS

SERIAL NUMBER: 10058120 FILING DATE: 01/29/2002
PATENT NUMBER: ISSUE DATE:
TITLE: MODIFIED ANTIBODIES AND METHODS OF USE

SERIAL NUMBER: 10073138 FILING DATE: 02/13/2002
PATENT NUMBER: ISSUE DATE:
TITLE: IDENTIFICATION OF UNIQUE BINDING INTERACTIONS BETWEEN CERTAIN
ANTIBODIES AND THE HUMAN B7.1 AND B7.2 CO-STIMULATORY ANTIGENS

SERIAL NUMBER: 10096963 FILING DATE: 03/14/2002
PATENT NUMBER: ISSUE DATE:
TITLE: TREATMENT OF B CELL MALIGNANCIES USING ANTI-CD40L ANTIBODIES IN
COMBINATION WITH ANTI-CD20 ANTIBODIES AND/OR CHEMOTHERAPEUTICS AND
RADIOTHERAPY

SERIAL NUMBER: 10109853 FILING DATE: 04/01/2002
PATENT NUMBER: ISSUE DATE:
TITLE: NOVEL METHOD FOR INTEGRATING GENES AT SPECIFIC SITES IN MAMMALIAN
CELLS VIA HOMOLOGOUS RECOMBINATION AND VECTORS FOR ACCOMPLISHING
THE SAME

SERIAL NUMBER: 10113929 FILING DATE: 04/02/2002
PATENT NUMBER: ISSUE DATE:
TITLE: RECOMBINANT ANTIBODIES COEXPRESSED WITH GNTIII

SERIAL NUMBER: 10171680 FILING DATE: 06/17/2002
PATENT NUMBER: ISSUE DATE:
TITLE: HUMANIZED ANTIBODIES TO HUMAN GP39, COMPOSITIONS CONTAINING AND
THERAPEUTIC USE THEREOF

SERIAL NUMBER: 10171681 FILING DATE: 06/17/2002
PATENT NUMBER: ISSUE DATE:
TITLE: TREATING AUTOIMMUNE DISEASES WITH HUMANIZED ANTI-CD40L ANTIBODY

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SERIAL NUMBER: 10191052 FILING DATE: 07/10/2002
PATENT NUMBER: ISSUE DATE:
TITLE: INHIBITION OF APOPTOSIS PROCESS AND IMPROVEMENT OF CELL PERFORMANCE

SERIAL NUMBER: 10195426 FILING DATE: 07/16/2002
PATENT NUMBER: ISSUE DATE:
TITLE: NEW CLINICAL PARAMETERS FOR DETERIMING HEMATOLOGIC TOXICITY PRIOR TO RADIOIMMUNOTHERAPY

SERIAL NUMBER: 10211357 FILING DATE: 08/05/2002
PATENT NUMBER: ISSUE DATE:
TITLE: RECOMBINANT ANTI-CD4 ANTIBODIES FOR HUMAN THERAPY

SERIAL NUMBER: 10241832 FILING DATE: 09/12/2002
PATENT NUMBER: ISSUE DATE:
TITLE: USE OF CD23 ANTAGONISTS FOR THE TREATMENT OF NEOPLASTIC DISORDERS

SERIAL NUMBER: 10241836 FILING DATE: 09/12/2002
PATENT NUMBER: ISSUE DATE:
TITLE: IMMUNOREGULATORY ANTIBODIES AND USES THEREOF

SERIAL NUMBER: 10291532 FILING DATE: 11/12/2002
PATENT NUMBER: ISSUE DATE:
TITLE: ANTI-CD80 ANTIBODY HAVING ADCC ACTIVITY FOR ADCC MEDIATED KILLING OF B CELL LYMPHOMA CELLS ALONE OR IN COMBINATION WITH OTHER THERAPIES

SERIAL NUMBER: 10295823 FILING DATE: 11/18/2002
PATENT NUMBER: ISSUE DATE:
TITLE: POLYCISTRONIC EXPRESSION OF ANTIBODIES

SERIAL NUMBER: 10326924 FILING DATE: 12/23/2002
PATENT NUMBER: ISSUE DATE:
TITLE: GENES OVEREXPRESSED BY OVARIAN CANCER AND THEIR USE IN DEVELOPING NOVEL THERAPEUTICS, ESPECIALLY ANTIBODIES

SERIAL NUMBER: 10367978 FILING DATE: 02/19/2003
PATENT NUMBER: ISSUE DATE:
TITLE: PROSTATE SPECIFIC GENES AND THE USE THEREOF IN DESIGN OR THERAPEUTICS

SERIAL NUMBER: 10384356 FILING DATE: 03/10/2003
PATENT NUMBER: ISSUE DATE:
TITLE: NEUTRALIZING HIGH AFFINITY HUMAN MONOCLONAL ANTIBODIES SPECIFIC TO RSV F-PROTEIN AND METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF

SERIAL NUMBER: 10661086 FILING DATE: 09/12/2003
PATENT NUMBER: ISSUE DATE:
TITLE: METHOD OF PURIFYING POLYPEPTIDES BY SIMULATED MOVING BED CHROMATOGRAPHY

SERIAL NUMBER: 10743398 FILING DATE: 12/23/2003
PATENT NUMBER: ISSUE DATE:
TITLE: INDUCTION OF CYTOTOXIC T-LYMPHOCYTE RESPONSES

SERIAL NUMBER: 10743739 FILING DATE: 12/24/2003
PATENT NUMBER: ISSUE DATE:
TITLE: SYNERGISTIC COMPOSITION AND METHODS FOR TREATING NEOPLASTIC OR
CANCEROUS GROWTHS AND FOR RESTORING OR BOOSTING HEMATOPOIESIS

SERIAL NUMBER: 60148287 FILING DATE: 08/11/1999
PATENT NUMBER: ISSUE DATE:
TITLE: TREATMENT OF PATIENTS HAVING NON-HODGKINS LYMPHOMA WITH BONE MARROW
INVOLVEMENT WITH ANTI-CD20 ANTIBODIES

SERIAL NUMBER: 60479910 FILING DATE: 06/20/2003
PATENT NUMBER: ISSUE DATE:
TITLE: USE OF DEPTH FILTRATION AND CONTINUOUS CENTRIFUGATION TO CLARIFY
CELL SAMPLES

SERIAL NUMBER: 60510552 FILING DATE: 10/14/2003
PATENT NUMBER: ISSUE DATE:
TITLE: LECTIN AFFINITY PURIFICATION AND IDENTIFICATION OF PROTEINS OF
VASCULAR TISSUE ASSOCIATED WITH A DISEASE OR DISORDER

SERIAL NUMBER: 10703669 FILING DATE: 11/10/2003
PATENT NUMBER: ISSUE DATE:
TITLE: TREATMENT OF B-CELL ASSOCIATED DISEASES SUCH AS MALIGNANCIES AND
AUTOIMMUNE DISEASES USING A COLD ANTI-CD20 ANTIBODY/RADIOLABELED
ANTI-CD22 ANTIBODY COMBINATION

SERIAL NUMBER: 10796158 FILING DATE: 03/10/2004
PATENT NUMBER: ISSUE DATE:
TITLE: THIOL-MEDIATED DRUG ATTACHMENT TO TARGETING PEPTIDES

SERIAL NUMBER: 10871261 FILING DATE: 06/21/2004
PATENT NUMBER: ISSUE DATE:
TITLE: USE OF DEPTH FILTRATION IN SERIES WITH CONTINUOUS CENTRIFUGATION TO
CLARIFY MAMMALIAN CELL CULTURES

SERIAL NUMBER: 10058069 FILING DATE: 01/29/2002
PATENT NUMBER: ISSUE DATE:
TITLE: ENGINEERED TETRAVALENT ANTIBODIES AND METHODS OF USE

SERIAL NUMBER: 07680808 FILING DATE: 03/12/1991
PATENT NUMBER: 5270202 ISSUE DATE: 12/14/1993
TITLE: ANTI-IDIOTYPE ANTIBODIES TO HUMAN MELANOMA-ASSOCIATED PROTEOGLYCAN
ANTIGEN

SERIAL NUMBER: 07919787 FILING DATE: 07/24/1992
PATENT NUMBER: 5585103 ISSUE DATE: 12/17/1996
TITLE: INDUCTION OF CYTOTOXIC T-LYMPHOCYTE RESPONSES

SERIAL NUMBER: 08147696 FILING DATE: 11/03/1993
PATENT NUMBER: 5648267 ISSUE DATE: 07/15/1997
TITLE: IMPAIRED DOMINANT SELECTABLE MARKER SEQUENCE AND INTRONIC INSERTION
STRATEGIES FOR ENHANCEMENT OF EXPRESSION OF GENE PRODUCT AND
EXPRESSION VECTOR SYSTEMS COMPRISING SAME

SERIAL NUMBER: 08379072 FILING DATE: 01/25/1995
PATENT NUMBER: 5658570 ISSUE DATE: 08/19/1997
TITLE: RECOMBINANT ANTIBODIES FOR HUMAN THERAPY

SERIAL NUMBER: 08478039 FILING DATE: 06/07/1995
PATENT NUMBER: 5681722 ISSUE DATE: 10/28/1997
TITLE: RECOMBINANT ANTIBODIES FOR HUMAN THERAPY

SERIAL NUMBER: 08481869 FILING DATE: 06/07/1995
PATENT NUMBER: 5693780 ISSUE DATE: 12/02/1997
TITLE: RECOMBINANT ANTIBODIES FOR HUMAN THERAPY

SERIAL NUMBER: 08472311 FILING DATE: 06/07/1995
PATENT NUMBER: 5695770 ISSUE DATE: 12/09/1997
TITLE: INDUCTION OF CYTOTOXIC T-LYMPHOCYTE RESPONSES

SERIAL NUMBER: 08351001 FILING DATE: 12/07/1994
PATENT NUMBER: 5709860 ISSUE DATE: 01/20/1998
TITLE: INDUCTION OF CYTOTOXIC T-LYMPHOCYTE RESPONSES

SERIAL NUMBER: 08484334 FILING DATE: 06/07/1995
PATENT NUMBER: 5733779 ISSUE DATE: 03/31/1998
TITLE: IMPAIRED DOMINANT SELECTABLE MARKER SEQUENCE AND INTRONIC INSERTION
STRATEGIES FOR ENHANCEMENT OF EXPRESSION OF GENE PRODUCT AND
EXPRESSION VECTOR SYSTEMS COMPRISING SAME

SERIAL NUMBER: 08476349 FILING DATE: 06/07/1995
PATENT NUMBER: 5750105 ISSUE DATE: 05/12/1998
TITLE: RECOMBINANT ANTIBODIES FOR HUMAN THERAPY

SERIAL NUMBER: 08476237 FILING DATE: 06/07/1995
PATENT NUMBER: 5756096 ISSUE DATE: 05/26/1998
TITLE: RECOMBINANT ANTIBODIES FOR HUMAN THERAPY

SERIAL NUMBER: 08488376 FILING DATE: 06/07/1995
PATENT NUMBER: 5811524 ISSUE DATE: 09/22/1998
TITLE: NEUTRALIZING HIGH AFFINITY HUMAN MONOCLONAL ANTIBODIES SPECIFIC TO
RSV F-PROTEIN AND METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE
THEREOF

SERIAL NUMBER: 08819866 FILING DATE: 03/14/1997
PATENT NUMBER: 5830698 ISSUE DATE: 11/03/1998
TITLE: NOVEL METHOD FOR INTEGRATING GENES AT SPECIFIC SITES IN MAMMALIAN
CELLS VIA HOMOLOGOUS RECOMBINATION AND VECTORS FOR ACCOMPLISHING
THE SAME

SERIAL NUMBER: 08634223 FILING DATE: 04/18/1996
PATENT NUMBER: 5840298 ISSUE DATE: 11/24/1998
TITLE: NEUTRALIZING HIGH AFFINITY HUMAN MONOCLONAL ANTIBODIES SPECIFIC TO
RSV F-PROTEIN AND METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE
THEREOF

SERIAL NUMBER: 08634224 FILING DATE: 04/18/1996
PATENT NUMBER: 5866125 ISSUE DATE: 02/02/1999
TITLE: NEUTRALIZING HIGH AFFINITY HUMAN MONOCLONAL ANTIBODIES SPECIFIC TO
RSV F-PROTEIN AND METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE
THEREOF

SERIAL NUMBER: 08634400 FILING DATE: 04/18/1996
PATENT NUMBER: 5939068 ISSUE DATE: 08/17/1999
TITLE: NEUTRALIZING HIGH AFFINITY HUMAN MONOCLONAL ANTIBODIES SPECIFIC TO
RSV F-PROTEIN AND METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE
THEREOF

SERIAL NUMBER: 08635878 FILING DATE: 04/18/1996
PATENT NUMBER: 5955364 ISSUE DATE: 09/21/1999
TITLE: NEUTRALIZING HIGH AFFINITY HUMAN MONOCLONAL ANTIBODIES SPECIFIC TO
RSV F-PROTEIN AND METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE
THEREOF

SERIAL NUMBER: 09023715 FILING DATE: 02/13/1998
PATENT NUMBER: 5998144 ISSUE DATE: 12/07/1999
TITLE: METHOD FOR INTEGRATING GENES AT SPECIFIC SITES IN MAMMALIAN CELLS
VIA HOMOLOGOUS RECOMBINATION AND VECTORS FOR ACCOMPLISHING THE SAME

SERIAL NUMBER: 08554840 FILING DATE: 11/07/1995
PATENT NUMBER: 6001358 ISSUE DATE: 12/14/1999
TITLE: HUMANIZED ANTIBODIES TO HUMAN GP39, COMPOSITIONS CONTAINING AND
THERAPEUTIC USE THEREOF

SERIAL NUMBER: 09013092 FILING DATE: 01/26/1998
PATENT NUMBER: 6017733 ISSUE DATE: 01/25/2000
TITLE: IMPAIRED DOMINANT SELECTABLE MARKER SEQUENCE AND INTRONIC INSERTION
STRATEGIES FOR ENHANCEMENT OF EXPRESSION OF GENE PRODUCT AND
EXPRESSION VECTOR SYSTEMS COMPRISING SAME

SERIAL NUMBER: 08487550 FILING DATE: 06/07/1995
PATENT NUMBER: 6113898 ISSUE DATE: 09/05/2000
TITLE: HUMAN B7.1-SPECIFIC PRIMATIZED ANTIBODIES AND TRANSFECTOMAS
EXPRESSING SAID ANTIBODIES

SERIAL NUMBER: 08523894 FILING DATE: 09/06/1995
PATENT NUMBER: 6136310 ISSUE DATE: 10/24/2000
TITLE: RECOMBINANT ANTI-CD4 ANTIBODIES FOR HUMAN THERAPY

SERIAL NUMBER: 09280999 FILING DATE: 03/30/1999
PATENT NUMBER: 6159730 ISSUE DATE: 12/12/2000
TITLE: IMPAIRED DOMINANT SELECTABLE MARKER SEQUENCE AND INTRONIC INSERTION
STRATEGIES FOR ENHANCEMENT OF EXPRESSION OF GENE PRODUCT AND
EXPRESSION VECTOR SYSTEMS COMPRISING SAME

SERIAL NUMBER: 09024220 FILING DATE: 02/17/1998
PATENT NUMBER: 6197311 ISSUE DATE: 03/06/2001
TITLE: INDUCTION OF CYTOTOXIC T-LYMPHOCYTE RESPONSES

SERIAL NUMBER: 09261207 FILING DATE: 03/03/1999
PATENT NUMBER: 6207858 ISSUE DATE: 03/27/2001
TITLE: REGIOSELECTIVE SYNTHESIS OF DTPA DERIVATIVES

SERIAL NUMBER: 08449728 FILING DATE: 05/24/1995
PATENT NUMBER: 6270769 ISSUE DATE: 08/07/2001
TITLE: INDUCTION OF CYTOTOXIC T-LYMPHOCYTE RESPONSES

SERIAL NUMBER: 09259347 FILING DATE: 03/01/1999
PATENT NUMBER: 6300143 ISSUE DATE: 10/09/2001
TITLE: ELECTROCHEMILUMINESCENT ASSAYS FOR EUKARYOTIC CELLS

SERIAL NUMBER: 09335697 FILING DATE: 06/18/1999
PATENT NUMBER: 6413771 ISSUE DATE: 07/02/2002
TITLE: NEUTRALIZING HIGH AFFINITY HUMAN MONOCLONAL ANTIBODIES SPECIFIC TO RSV F-PROTEIN AND METHODS FOR THEIR MANUFACTURE AND THERAPUTIC USE THEREOF

SERIAL NUMBER: 09343485 FILING DATE: 06/30/1999
PATENT NUMBER: 6413777 ISSUE DATE: 07/02/2002
TITLE: NOVEL METHOD FOR INTEGRATING GENES AT SPECIFIC SITES IN MAMMALIAN CELLS VIA HOMOLOGOUS RECOMBINATION AND VECTORS FOR ACCOMPLISHING THE SAME

SERIAL NUMBER: 08925339 FILING DATE: 09/08/1997
PATENT NUMBER: 6440418 ISSUE DATE: 08/27/2002
TITLE: METHODS OF TREATING AUTOIMMUNE DISEASES WITH GP39-SPECIFIC ANTIBODIES

SERIAL NUMBER: 09625856 FILING DATE: 07/26/2000
PATENT NUMBER: 6451284 ISSUE DATE: 09/17/2002
TITLE: NEW CLINICAL PARAMETERS FOR DETERMINING HEMATOLOGIC TOXICITY PRIOR TO RADIOIMMUNOTHERAPY

SERIAL NUMBER: 09332595 FILING DATE: 06/14/1999
PATENT NUMBER: 6506383 ISSUE DATE: 01/14/2003
TITLE: HUMANIZED ANTIBODIES OF HUMAN GP39, COMPOSITIONS CONTAINING AND THERAPEUTIC USE THEREOF

SERIAL NUMBER: 09383916 FILING DATE: 08/26/1999
PATENT NUMBER: 6709654 ISSUE DATE: 03/23/2004
TITLE: TREATMENT OF PSORIASIS USING ANTI-B7.1(CD80) ANTIBODIES

SERIAL NUMBER: 09740003 FILING DATE: 12/20/2000
PATENT NUMBER: 6733763 ISSUE DATE: 05/11/2004
TITLE: INDUCTION OF CYTOTOXIC T-LYMPHOCYTE RESPONSES

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