UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

MYLAN PHARMACEUTICALS INC.,

Petitioner
v.

GENENTECH, INC.,
Patent Owner

Case IPR2016-01694
Patent 6,407,213

PETITIONER'S UPDATED EXHIBIT LIST

Exhibit No.	Description
1001	U.S. Patent No. 6,407,213, *Method for making humanized antibodies* (filed Jul. 17, 1993) (issued June 18, 2002)
1002 Part I	File History for U.S. Patent No. 6,407,213 Part I
1002 Part II	File History for U.S. Patent No. 6,407,213 Part II
1003	Declaration of Dr. Eduardo A. Padlan in Support of Petition for *Inter Partes* Review of Patent No. 6,407,213
1003A	*Curriculum Vitae* of Dr. Eduardo A. Padlan
1003B	Materials Reviewed by Dr. Eduardo A. Padlan
1003C	Exhibits A-M of Dr. Eduardo A. Padlan
1004	Declaration of Professor Edward Ball, M.D. in Support of Petition for *Inter Partes* Review of Patent No. 6,407,213
1004A	*Curriculum Vitae* of Professor Edward Ball, M.D.
1004B	Materials Reviewed by Professor Edward Ball, M.D.
1005	Ball E.D., et al. *Studies on the ability of monoclonal antibodies to selectively mediate complement-dependent cytotoxicity of human myelogenous leukemia blast cells.* J. Immunol. 128(3):1476-81 (March 1982)
1006	Ball, E.D., et al. *Monoclonal antibodies reactive with small cell carcinoma of the lung.* J. Nat'l Cancer Inst. 72(3):593-598 (March 1984)
1007	Magnani, J.L., Ball, E.D., et al. *Monoclonal antibodies PMN 6, PMN 29 and PM-81 bind differently to glycolipids containing a sugar sequence occurring in lacto-N-fucopentaose III,* Arch. Biochem. Biophys. 233(2):501-506 (September 1984)
1008	Memoli, V.A., Jordan, A.G., and Ball, E.D. *A novel monoclonal antibody, SCCL 175, with specificity for small cell neuroendocrine carcinoma of the lung.* Cancer Res. 48:7319-

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	7322 (December 15, 1988)
1009	Ball E.D., et al. *Monoclonal antibodies to myeloid differentiation antigens:* in vivo *studies of three patients with acute myelogenous leukemia.* Blood 62(6):1203-1210 (December 1983)
1010	Ball E.D., et al. *Phase I clinical trial of serotherapy in patients with acute myeloid leukemia with an immunoglobulin M monoclonal antibody to CD15.* Clin Cancer Res 1:965-972 (September 1995)
1011	Bashey A., Ball E.D., et al. *CTLA4 Blockade with Ipilimumab to Treat Relapse of Malignancy after Allogeneic Hematopoietic Cell Transplantation*. Blood 113(7):1581-1588 (2009)
1012	Armand P., Ball E.D., et al. *Disabling Immune Tolerance by Programmed Death-1 Blockade with Pidilizumab after Autologous Hematopoietic Stem-Cell Transplantation for Diffuse Large B-Cell Lymphoma: Results of an International Phase II Trial*. J. Clin. Oncol. 31(33):4199-4206 (November 20, 2013)
1013	Ball E.D., et al. *Initial trial of bispecific antibody-mediated immunotherapy of CD15-bearing tumors: cytotoxicity of human tumor cells using a bispecific antibody comprised of anti-CD15 (MoAb PM81) and anti-CD64/Fc gamma RI (MoAb 32)*. J. Hematotherapy 1:85-94 (1992)
1014	Chen J, Zhou J.H., Ball E.D. *Monocyte-mediated lysis of acute myeloid leukemia cells in the presence of the bispecific antibody 251 x 22 (anti-CD33 x anti-CD64)*. Clin. Can. Res. 1:1319-1325(November 1995)
1015	Balaian, L. and Ball, E.D. *Direct effect of bispecific anti-CD33 x anti-CD64 antibody on proliferation and signaling in myeloid cells*. Leukemia Res. 25:1115-1125 (2001)
1016	Chen J., Ball, E.D., et al. *An immunoconjugate of Lys3-bombesin and monoclonal antibody 22 can specifically induce FcgammaRI (CD64)-dependent monocyte- and neutrophil-mediated lysis of*

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	small cell carcinoma of the lung cells. Clin. Can. Res. 1:425-434 (April 1995)
1017	Chen J., Ball, E.D., et al. *Monocyte- and neutrophil-mediated lysis of SCCL by a bispecific molecule comprised of Lys3-BN and mAb22.* Peptides 1994. 819-820(1995)
1018	Zhou J.H., Ball E.D., et al. *Immunotherapy of a human small cell lung carcinoma (SCLC) xenograft model by the bispecific molecule (BsMol) mAb22xLys3-Bombesin (M22xL-BN).* Peptides 1996, 935-936 (1998)
1019	Ball, E.D. and Balaian, L. *Cytotoxic activity of gemtuzumab ozogamicin (Mylotarg) in acute myeloid leukemia correlates with the expression of protein kinase Syk*. Leukemia, 20:2093-2101 (2006)
1020	Ball E.D., et al. *Update of a phase I/II trial of 5-azacytidine prior to gemtuzumab ozogamicin (GO) for patients with relapsed acute myeloid leukemia with correlative biomarker studies [abstract]*. Blood (ASH Annual Meeting Abstracts) 116: Abstract 3286 (2010)
1021	Hudziak et al. *p185HER2 Monoclonal Antibody Has Antiproliferative Effects In Vitro and Sensitizes Human Breast Tumor Cells to Tumor Necrosis Factor.* Mol. Cell Biol. 9(3):1165-1172 (March 1989)
1022	Köhler and Milstein, *Continuous Cultures of Fused Cells Secreting Antibody of Predefined Specificity*. Nature 256(5517):495-497 (August 7, 1975)
1023	Prabakaran, S. *The Quest for a Magic Bullet* Science, 349(6246):389 (July 24, 2015)
1024	Marks, L. *The story of Cesar Milstein and Monoclonal Antibodies: A Healthcare Revolution in the Making at* http://www.whatisbiotechnology.org/exhibitions/milstein (last accessed September 08, 2015)

Exhibit No.	Description
1025	Cosimi et al., *Treatment of Acute Renal Allograft Rejection with OKT3 Monoclonal Antibody.* Transplantation 32:535-539 (1981)
1026	Ortho Multicenter Transplant Study Group, *A Randomized Clinical Trial of OKT3 Monoclonal Antibody for Acute Rejection of Cadveric Renal Transplants.* N. Engl. J. Med. 313(6):337-342 (August 8, 1985)
1027	Jaffers et al. *Monoclonal Antibody Therapy. Anti-idiotypic and Non-anti-idiotypic antibodies to OKT3 Arising Despite Intense Immunosuppression.* Transplantation 41(5):572-578 (1986)
1028	Sears et al. *Phase-I clinical trial of monoclonal antibody in treatment of gastrointestinal tumours.* The Lancet 762-765 (April 3, 1982)
1029	Sikora *Monoclonal antibodies in oncology.* J. Clin. Pathol. 35:369-375 (1982)
1030	"Protein Data Bank – Chronology" at https://www.nsf.gov/news_summ.jsp?cntn_id=100689 (accessed August 29, 2016)
1031	Morrison et al., *Chimeric Human Antibody Molecules: Mouse Antigen-Binding Domains with Human Constant Region Domains.* Pro. Nat'l Acad. Sci. 81:6851-6855 (November 1984).
1032	Liu et al., *Chimeric Mouse-human IgG1 Antibody that can Mediate Lysis of Cancer cells.* Pro. Nat'l Acad. Sci. 84:3439-3443 (May 1987).
1033	Jones et al. *Replacing the Complementarity-Determining Regions in a Human Antibody with those from a Mouse.* Nature 321:522-525 (1986)
1034	Queen et al. *A Humanized Antibody that Binds to the Interleukin 2 Receptor.* Pro. Nat'l Acad. Sci. 86:10029-10033 (1989)
1035	Kirkman et al., *Early Experience with anti-Tac in Clinical Renal*

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