

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

MYLAN PHARMACEUTICALS INC.,
Petitioner

v.

GENENTECH, INC. AND CITY OF HOPE,
Patent Owners

U.S. Patent No. 6,331,415
Appl. No. 07/205,419, filed June 10, 1998
Issued: Dec. 18, 2001

Title: Methods of Producing Immunoglobulins, Vectors
and Transformed Host Cells for Use Therein

Inter Partes Review No.: IPR2016-00710

PETITIONER'S UPDATED EXHIBIT LIST

| <u>Exhibit No.</u> | <u>Description</u> | <u>Abbreviation</u> |
|--------------------|--|--|
| 1001 | U.S. Patent No. 6,331,415 | The '415 patent |
| 1002 | U.S. Patent No. 4,495,280 | Bujard, or the Bujard Patent |
| 1003 | Riggs and Itakura, <i>Synthetic DNA and Medicine</i> , American Journal of Human Genetics, 31:531-538 (1979) | Riggs & Itakura |
| 1004 | Southern and Berg, <i>Transformation of Mammalian Cells to Antibiotic Resistance with a Bacterial Gene Under Control of the SV40 Early Region Promoter</i> , Journal of Molecular and Applied Genetics, 1:327-341 (1982) | Southern |
| 1005 | U.S. Patent No. 4,237,224 | Cohen & Boyer, or the Cohen & Boyer patent |
| 1006 | Declaration of Jefferson Foote, Ph.D., in Support of Sanofi And Regeneron's Petition for Inter Partes Review of U.S. Patent No. 6,331,415 | Foote Decl. |
| 1007 | U.S. Patent No. 4,816,657 | The Cabilly I patent |
| 1008 | '415 patent reexamination, Office Action dated 2/16/07 | Office Action (2/16/07) |
| 1009 | '415 patent reexamination, Owners' Resp. dated 11/25/05 | Owners' Resp. (11/25/05) |
| 1010 | '415 patent reexamination, Owners' Resp. (5/21/07) | Owners' Resp. (5/21/07) |
| 1011 | '415 patent reexamination, Office Action dated 9/13/05 | Office Action (9/13/05) |
| 1012 | U.S. Patent No. 4,816,397 | The Boss patent |

| <u>Exhibit No.</u> | <u>Description</u> | <u>Abbreviation</u> |
|--------------------|---|----------------------------|
| 1013 | '415 patent file history, paper no. 17 | - |
| 1014 | '415 patent file history, paper no. 14 | - |
| 1015 | '415 patent file history, paper no. 18 | - |
| 1016 | '415 patent reexamination, Office Action dated 8/16/06 | Office Action (8/16/06) |
| 1017 | '415 patent reexamination, Office Action dated 2/25/08 | Office Action (2/25/08) |
| 1018 | U.S. Patent No. 4,399,216 | Axel, or the Axel patent |
| 1019 | U.S. Patent No. 5,840,545 | Moore, or the Moore patent |
| 1020 | Rice and Baltimore, <i>Regulated Expression of an Immunoglobulin K Gene Introduced into a Mouse Lymphoid Cell Line</i> , Proceedings of the National Academy of Sciences USA, 79:7862-7865 (1982) | Rice & Baltimore |
| 1021 | Ochi et al., <i>Transfer of a Cloned Immunoglobulin Light-Chain Gene to Mutant Hybridoma Cells Restores Specific Antibody Production</i> , Nature, 302:340-342 (1983) | Ochi (I) |
| 1022 | '415 patent reexamination, Owners' Resp. dated 10/30/06 | Owners' Resp. (10/30/06) |
| 1023 | '415 patent reexamination, Owners' Resp. dated 6/6/08 | Owners' Resp. (6/6/08) |
| 1024 | '415 patent reexamination, Appeal Brief | Appeal Brief |
| 1025 | '415 patent reexamination, Notice of Intent to Issue Ex Parte Reexamination | NIRC |

| <u>Exhibit No.</u> | <u>Description</u> | <u>Abbreviation</u> |
|--------------------|---|---------------------|
| 1026 | '415 reexamination, Ex Parte Reexamination Certificate | Reexam Cert. |
| 1027 | T.J.R. Harris, <i>Expression of Eukaryotic Genes in E. Coli</i> , in Genetic Engineering 4, 127-185 (1983) | Harris |
| 1028 | '415 patent reexamination, Declaration of Dr. Timothy John Roy Harris under 37 C.F.R. § 1.132 | Harris Decl. |
| 1029 | Kabat et al., Sequences of Proteins of Immunological Interest (1983) (excerpt) | Kabat |
| 1030 | Cohen, <i>Recombinant DNA: Fact and Fiction</i> , Science, 195:654-657 (1977) | Cohen |
| 1031 | Oi et al., <i>Immunoglobulin Gene Expression in Transformed Lymphoid Cells</i> , Proceedings of the National Academy of Sciences USA, 80:825-829 (1983) | Oi |
| 1032 | European Patent Application Publication No. 0044722 A1, published 1/27/82 | Kaplan |
| 1033 | U.S. Patent No. 4,487,835 | - |
| 1034 | U.S. Patent No. 4,371,614 | - |
| 1035 | U.S. Patent No. 4,762,785 | - |
| 1036 | U.S. Patent No. 4,476,227 | - |
| 1037 | U.S. Patent No. 4,362,867 | - |
| 1038 | U.S. Patent No. 4,396,601 | - |
| 1039 | Milstein, <i>Monoclonal Antibodies from Hybrid Myelomas</i> , Proceedings of the Royal Society of London, 211:393-412 (1981) | |

| <u>Exhibit No.</u> | <u>Description</u> | <u>Abbreviation</u> |
|--------------------|---|---------------------------------------|
| 1040 | Ochi et al., <i>Functional Immunoglobulin M Production after Transfection of Cloned Immunoglobulin Heavy and Light Chain Genes into Lymphoid Cells</i> , Proceedings of the National Academy of Sciences USA, 80:6351-6355 (1983) | Ochi (II) |
| 1041 | <i>MedImmune, Inc. v. Genentech, Inc.</i> , No. 03-02567 (C.D. Cal. Aug. 17, 2007), Expert Report of E. Fintan Walton | Walton Expert Rep. |
| 1042 | '415 patent reexamination, Request for Reconsideration and/or Petition Under 37 C.F.R. § 1.183 dated 5/15/09 | Request for Reconsideration |
| 1043 | Feldman et al., <i>Lessons from the Commercialization of the Cohen-Boyer Patents: The Stanford University Licensing Program</i> , in Intellectual Property Management in Health and Agricultural Innovation: A Handbook of Best Practices, 1797-1807 (2007) | Feldman |
| 1044 | ReoPro [®] Prescribing Information | ReoPro [®] Prescribing Info. |
| 1045 | <i>Genentech v. Centocor</i> , No. 94-01379 (N.D. Cal.), Affidavit of John Ghrayeb, Ph.D. | Ghrayeb Aff. |
| 1046 | '415 patent reexamination, Declaration of Dr. E. Fintan Walton under 37 C.F.R. § 1.132 | Walton Decl. |
| 1047 | Complaint in <i>MedImmune v. Genentech</i> , No. 03-02567 (C.D. Cal.) | - |
| 1048 | Stipulation and order of dismissal in <i>MedImmune v. Genentech</i> , No. 03-02567 (C.D. Cal.) | - |
| 1049 | Complaint in <i>Centocor v. Genentech</i> , No. 08-CV-3573 (C.D. Cal.) | - |

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