

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

REGENERON PHARMACEUTICALS, INC.,
Petitioner,

v.

NOVARTIS PHARMA AG,
NOVARTIS TECHNOLOGY LLC,
NOVARTIS PHARMACEUTICALS CORPORATION,
Patent Owner.

Case No. IPR2020-01318
U.S. Patent No. 9,220,631

PETITION FOR INTER PARTES REVIEW

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PETITIONER'S EXHIBIT LIST

Ex. 1001	U.S. Patent No. 9,220,631 (“the ’631 Patent”)
Ex. 1002	Prosecution File History of U.S. Patent No. 9,220,631
Ex. 1003	Declaration of Horst Koller under 37 C.F.R. § 1.68.
Ex. 1004	Curriculum Vitae of Horst Koller
Ex. 1005	Declaration of James Agalloco under 37 C.F.R. § 1.68.
Ex. 1006	Curriculum Vitae of James Agalloco
Ex. 1007	PCT Patent Publication No. WO 2011/006877 to Sigg <i>et al.</i> (“Sigg”)
Ex. 1008	PCT Patent Publication No. WO 2009/030976 to Boulange <i>et al.</i> (“Boulange”)
Ex. 1009	Internet Archive WayBack Machine, March 7, 2011 Record of Drugs.com, <i>Macugen Prescribing Information</i> , available at https://web.archive.org/web/20110307065238/http://www.drugs.com:80/pro/macugen.html (“Macugen [®] Label”)
Ex. 1010	<i>Certified English Translation of Bruno Reuter and Claudia Petersen. “Die Silikonisierung von Spritzen: Trends, Methoden, Analyseverfahren,” TechnoPharm 2, Nr. 4 (2012): 238-244. (“Reuter”)</i>
Ex. 1011	Bhavnes D. Shah & Bhupendra G. Prajapati, <i>Pre-Filled Syringes: A New Concept</i> , PHARMA BIO WORLD 51 (2009) (“Shah”)
Ex. 1012	Arno Fries, <i>Drug Delivery of Sensitive Biopharmaceuticals With Prefilled Syringes</i> , 9(5) DRUG DELIVERY TECH. 22 (2009) (“Fries”)
Ex. 1013	Thomas Schoenknecht, <i>Prefilled Syringes: Why New Developments Are Important In Injectable Delivery Today</i> , in PREFILLED SYRINGES INNOVATIONS THAT MEET THE GROWING DEMAND (OnDrugDelivery 2005) (“Schoenknecht”)
Ex. 1014	U.S. Patent Publication No. 2012/0091026 to Chacornac <i>et al.</i> (“Chacornac”)

Ex. 1015	Sandeep Nema & John D. Ludwig, <i>Pharmaceutical Dosage Forms: Parenteral Medications, Volume 1: Formulation and Packaging</i> (3rd ed. 2010) (“Nema Vol. 1”)
Ex. 1016	Sandeep Nema & John D. Ludwig, <i>Pharmaceutical Dosage Forms: Parenteral Medications, Volume 2: Facility Design, Sterilization and Processing</i> (3rd ed. 2010) (“Nema Vol. 2”)
Ex. 1017	PCT Patent Publication No. WO 2007/035621 to Scypinski <i>et al.</i> (“Scypinski”)
Ex. 1018	U.S. Patent Publication No. 2003/0003014 to Metzner <i>et al.</i> (“Metzner”)
Ex. 1019	U.S. Pharmacopeia, <i>USP 789, Particulate Matter in Ophthalmic Solutions, USP 34 NF 29</i> (2011)
Ex. 1020	U.S. Patent Publication No. 2011/276005 to Hioki <i>et al.</i> (“Hioki”)
Ex. 1021	PCT Patent Publication No. WO 2007/149334 to Furfine <i>et al.</i> (“Furfine”)
Ex. 1022	Michael W. Stewart <i>et al.</i> , <i>Fresh From the Pipeline Aflibercept</i> , 11 NAT. REV. DRUG DISCOV. 269 (2012) (“Stewart”)
Ex. 1023	U.S. Patent No. 7,060,269 to Baca <i>et al.</i> (“Baca”)
Ex. 1024	Prosecution File History of U.S. Patent No. 7,060,269
Ex. 1025	Lu Liu <i>et al.</i> , <i>Silicone Oil Microdroplets and Protein Aggregates in Repackaged Bevacizumab and Ranibizumab: Effects of Long-term Storage and Product Mishandling</i> , 52(2) INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE 1023 (2011) (“Liu”)
Ex. 1026	U.S. Patent No. 7,404,278 to Wittland <i>et al.</i> (“Wittland”)
Ex. 1027	U.S. Food and Drug Administration, Lucentis® Highlights of the Prescribing Information, (June 2010) (“Lucentis® Label”)
Ex. 1028	International Organization for Standardization, <i>ISO 11040-4 Prefilled Syringes – Part 4: Glass Barrels for Injectables</i> (2nd ed. 2007) (“ISO 11040-4”)

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