

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

AMNEAL PHARMACEUTICALS, LLC,
Petitioner

v.

HOSPIRA, INC.,
Patent Owner

Inter Partes Review No. IPR2016-01577
Patent 8,242,158

DECLARATION OF DR. ROBERT LINHARDT

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LIST OF EXHIBITS

| Exhibit | Document |
|----------------|---|
| 1007 | 2010 Precedex® Label (“the 2010 Label”). |
| 1013 | FDA Memorandum by Cynthia G. McCormick, M.D., dated November 30, 1999. (“the McCormick FDA Memorandum”). |
| 1015 | Giorgi et al., International Journal for Quality in Health Care, Vol. 22, No. 3, 170-178 (2010) (“Giorgi”). |
| 1016 | Eichhorn, The Official Journal of the Anesthesia Patient Safety Foundation, Spring 2010 (“Eichhorn”). |
| 1017 | Palmgren, European Journal of Pharmaceutics and Biopharmaceutics, June 29, 2006 (“Palmgren”). |
| 1018 | Lavoisier Documents; Lavoisier Sodium Chloride Product Sheet, June 2009 (“Lavoisier”). |
| 1019 | FDA Memorandum by Bob A. Rappaport, M.D., dated November 5, 1999. (“the Rappaport FDA Memorandum”). |
| 1025 | Packaging Drugs and Pharmaceuticals, Wilmer A. Jenkins and Kenton R. Osborn, 1993. |
| 1026 | “Pharmaceutical dosage forms, parenteral medications” edited by Kenneth E. Avis, et al. 2nd Edition, p. 161, 1992. |
| 1027 | “Sterile Pharmaceutical Packaging: Compatibility and Stability” Y. John Wang and Yie W. Chien, p. 16, 1984. |
| 1028 | Paula Youngberg Webb, et al. “The Keys to RTU Parenterals,” Pharmaceutical Formulation & Quality, Vol. 11, No. 5, p. 40, September 2009. |
| 1044 | “Injectable medicines,” WHO Collaborating Centre for Pharmaceutical Pricing and Reimbursement Policies, http://whocc.goeg.at/Glossary/PreferredTerms . |

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| 1057 | Declaration of Huailiang Wu, U.S. Application No. 13/541,524 (“the Wu Declaration”). |
| 2001 | U.S. Patent No. 8,242,158 (“the ’158 Patent”). |
| 2002 | U.S. Patent No. 8,338,470 (“the ’470 Patent”). |
| 2003 | U.S. Patent No. 8,455,527 (“the ’527 Patent”). |
| 2004 | U.S. Patent No. 8,648,106 (“the ’106 Patent”). |
| 2008 | “Guidance for Industry: Drug Stability Guidelines,” FDA Center for Veterinary Medicine, p. 26, Dec. 2008. |
| 2009 | “Guidance for Industry: Q1A (R2) Stability Testing of New Drug Substances and Products,” FDA Center for Drug Evaluation and Research, p. 10, Nov. 2003. |
| 2011 | Speaker, T.J. et al., “A Study of the Interaction of Selected Drugs and Plastic Syringes,” PDA J Pharm Sci and Tech, 45:212-217 (1991). |
| 2012 | Kaur, M. et al., “Current role of dexmedetomidine in clinical anesthesia and intensive care,” Anesth Essays Res. 2011 Jul-Dec., 5(2): 128-133. |
| 2013 | Ecoflac® Plus Brochure, B Braun. |
| 2014 | P. Donyai and G. Sewell, “Physical and chemical stability of paclitaxel infusions in different container types,” J. Oncol. Pharm. Practice, 12, pp. 211-222 (2006). |
| 2015 | Anes, J. et al., “Use of Plastics for Parenteral Packaging,” Pharmaceutical Dosage Forms: Parenteral Medications Volume 1, 2d Ed. (1992). |
| 2016 | Webb, P. et al., “Ensure Safety, Efficacy of Ready-to-Use IV Drug Products,” PFQ Vol. 11, No. 6, Oct./Nov. 2009. |
| 2017 | “Guidance for Industry: Container Closure Systems for Packaging Human Drugs and Biologics,” FDA Center for Drug Evaluation and Research, pp. 7-10, May 1999. |
| 2018 | Dahlstrom, M. et al., “Impact of polymer surface affinity of novel antifouling agents,” Biotechnol Bioeng. 2004 Apr 5;86(1):1-8. |
| 2024 | Label for 0.9% w/v Sodium Chloride Intravenous Infusion BP, B. Braun Melsungen AG, Dec. 2010, available at https://www.old.health.gov.il/units/pharmacy/trufot/alonim/Sodium_Chloride_0-9_DR_1319972870952.pdf . |

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