UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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DR. REDDY'S LABORATORIES, S.A. AND
DR. REDDY'S LABORATORIES, INC.,
Petitioners,

v.

EYE THERAPIES, LLC,
Patent Owner.

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Case No.: IPR2024-00467

U.S. Patent No.: 11,833,245

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PETITIONERS' FOURTH UPDATED EXHIBIT LIST

Exhibit List

IPR	Description
1001	U.S. Patent No. 11,833,245 (filed Jan. 30, 2023) (issued Dec. 5, 2023) ('245 patent).
1002	U.S. Patent No. 8,293,742 (filed July 27, 2009) (issued Oct. 23, 2012) ('742 Patent).
1003	*Slayback Pharma LLC v. Eye Therapies, LLC*, No. IPR2022-00142, Paper 77 (P.T.A.B. May 15, 2023).
1004	U.S. Patent No. 6,294,553 (filed Feb. 14, 2001) (issued Sep. 25, 2001) (Gil).
1005	Steven Tenny & Sameh W. Boktor, *Incidence*, *in* STATPEARLS (2023), https://www.ncbi.nlm.nih.gov/books/NBK430746/.
1006	Norden, R., "Effect of Prophylactic Brimonidine or Bleeding Complications and Flap Adherence after Laser in Situ Keratomileusis," *Journal of Refractive Surgery*, vol. 18, no. 4, July/ Aug. 2002 at 468–471.
1007	U.S. Patent 6,242,442 (filed Dec. 7, 1999) (issued June 5, 2001) (Dean).
1008	"Alphagan® (brimonidine tartrate ophthalmic solution) 0.2%." *in* PHYSICIANS' DESK REFERENCE 487 (52th ed., 1998).
1009	53 Fed. Reg. 43, 7076-7093 (Mar. 4, 1988).
1010	File Wrapper, U.S. Application for 18/103,404 filed January 30, 2023, downloaded from Patent Center.
1011	Alexandros Rekkas et al., *Predictive Approaches to Heterogeneous Treatment Effects: A Scoping Review*, BMC MED. RSCH. METHODOLOGY, vol. 20, 2020 at 1.
1012	Declaration of Reza Dana MD, MSc, MPH
1013	Declaration of Paul A. Laskar, Ph.D.

1014	Declaration of John Galanis MD, FACS
1015	Declaration of Radojka Savic, Ph.D.
1016	U.S. Provisional Application 61/207,481 filed February 12, 2009, downloaded from PAIR ('481 Provisional).
1017	MO Columb & MS Atkinson, *Statistical Analysis: Sample Size and Power Estimations*, 16 BJA EDUC. 159 (2016).
1018	U.S. Dept. Health & Human Services, Food & Drug Admin., *Guidance for Industry: E9 Statistical Principles for Clinical Trials*, https://www.fda.gov/media/71336/download (Sept. 1998).
1019	ROBIN SOUTHWOOD ET AL., CONCEPTS IN CLINICAL PHARMACOKINETICS (7th ed. 2014).
1020	Griffith, R. K., "Adrenergics and Adrenergic- Blocking Agents." *Burger's Medicinal Chemistry and Drug Discovery*, edited by Donald J. Abraham, 6th ed., vol. 6, John Wiley & Sons, Inc., New York, NY, 2003, pp. 2–37.
1021	David, R. "Brimonidine (Alphagan®): A Clinical Profile Four Years after Launch." *European Journal of Ophthalmology*, vol. 11, no. 2_suppl, 2001, pp. S72–S77.
1022	Wikberg-Matsson, A., and Simonsen, U. "Potent α_{2A}-Adrenoceptor–Mediated Vasoconstriction by Brimonidine in Porcine Ciliary Arteries." *Investigative Ophthalmology & Visual Science*, vol. 42, no. 9, Aug. 2001, pp. 2049–2055.
1023	Robin, A. L., and Burnstein, Y, "Selectivity of Site of Action and Systemic Effects of Topical Alpha Agonists." *Current Opinion in Ophthalmology*, vol. 9, no. 2, 1998, pp. 30–33.
1024	Lachkar, Y, and Dhanjill, S., "Effect of Brimonidine Tartrate on Ocular Hemodynamic Measurements." *Archives of Ophthalmology*, vol. 116, no. 12, Dec. 1998, pp. 1591–1594.
1025	Exec. Order No. 14,036, 86 C.F.R. 36987 (July 9, 2021).

1026	Letter from Janet Woodcock, Acting Comm'r of Food and Drug Admin., to Andrew Hirshfeld, Director of the U.S. Pat. and Trademark Off. (Sept. 10, 2021), available at https://www.fda.gov/media/152086/download?attachment (last visited January 23, 2024).
1027	U.S. Courts, Statistics and Reports, Table C-5, U.S. District Courts–Civil Federal Judicial Caseload Statistics (March 31, 2023), https://www.uscourts.gov/statistics/table/c-5/federal-judicial-caseload-statistics/2023/03/31 (last visited Jan. 22, 2024).
1028	Murphy, P. J., et al. "How Red Is a White Eye? Clinical Grading of Normal Conjunctival Hyperaemia." *Eye*, vol. 21, no. 5, 2006, pp. 633–638.
1029	Derick, R. J., et al. "Brimonidine Tartrate: A One-month Dose Response Study" *Ophthalmology*, vol. 104, no. 1, Jan. 1997, pp. 131–136.
1030	United States, Center for Drug Evaluation and Research, and Joanne Holmes. NDA 20-613 Alphagan™ (Brimonidine Ophthalmic Solution) 0.2% Sterile, vol. 1, U.S. Food and Drug Administration, 1985, pp. 1–286.
1031	Deposition Transcript of Daniel Gil, dated December 31, 2023. C.A. No. 21-16766 ("Gil PI Depo Transcript")
1032	David, R., et al. "Brimonidine in the Prevention of Intraocular Pressure Elevation Following Argon Laser Trabeculoplasty," *Archives of Ophthalmology*, vol. 111, No. 10, Oct. 1993, pp. 1387–1390
1033	Declaration of Robert Frederickson III in Support of Notice of Intent to Designate Provisionally Recognized PTAB Attorney as Back-Up Counsel under 37 C.F.R. § 42.10(c)
1034	U.S. Patent No. 6,562,873 (filed July 10, 2001) (issued May 13, 2003)
1035	Burke, J., and Schwartz, M., "Preclinical Evaluation of Brimonidine." Survey of Ophthalmology, vol. 41, no. 1, Nov. 1996, pp. S9–S18

1036	Declaration of Elaine H. Blais in Support of Notice of Intent to Designate Provisionally Recognized PTAB Attorney as Back-Up Counsel under 37 C.F.R. § 42.10(c)
1037	Centers for Disease Control and Prevention, National Center for Health Statistics, *Incidence*, https://www.cdc.gov/nchs/hus/sources-definitions/incidence.htm
1038	Declaration of Timothy J. Beavers in Support of Motion for *Pro Hac Vice* Admission Under 37 C.F.R. § 42.10(c)
1039	*In re Lumify*, No. 3:21-cv-16766-RK-RLS, D.I. 17 (D.N.J. Mar. 10, 2022)
1040	U.S. Pharmacopeia 28-National Formulary 23, 2005
1041	Conrad, J.M., et al., "Influence of Tonicity and pH on Lacrimation and Ocular Drug Availability", *Journal of the Parenteral Drug Association*, vol. 32, no. 4, July-Aug. 1978, pp. 149-161.
1042	Gonnering, R., et al., "The pH Tolerance of Rabbit and Human Corneal Endothelium," *Investigative Ophthalmology & Visual Science*, vol. 18, no. 4, pp. 373-390, Apr. 1979
1043	Naphcon A, Alcon Laboratories, Inc.
1044	Deposition Transcript of Eric Donnenfeld, dated February 6, 2025 ("Donnenfeld IPR Depo Transcript")
1045	Deposition Transcript of Daniel Stamer, dated February 13, 2025 ("Stamer IPR Depo Transcript")
1046	Aieta, E.M. and Roberts, P.V., "The chemistry of oxo-chlorine compounds relevant to chlorine dioxide generation", *Water Chlorination: Chemistry, Environmental Impact and Health Effects*, vol. 1985, pp. 783–794
1047	Deposition Transcript of Robert Noecker, dated February 19, 2025 ("Noecker IPR Depo Transcript")
1048	Deposition Transcript of Robert Williams III, dated January 28, 2025 ("Williams IPR Depo Transcript")
1049	OPHTHALMIC SOLUTIONS OF REMINGTON: THE SCIENCE AND PRACTICE OF PHARMACY 1380–1416 (19th ed., 1995)

1050	Langer S.Z. & Hicks, P.E., "Alpha-Adrenorecepter Subtypes in Blood Vessels: Physiology and Pharmacology," *Journal of Cardiovascular Pharmacology*, vol. 6, supp. 4, pp. S547-558, 1984
1051	Duka, et al., "Role of the Postsynaptic α_2-adrenergic Receptor Subtypes in Catecholamine-Induced Vasoconstriction," *General Pharmacology: The Vascular System*, vol. 34, no. 2, Feb. 2000, pp. 101-106
1052	Philipp M., Brede M., and Hein L., "Physiological significance of α_2-adrenergic receptor subtype diversity: one receptor is not enough", *American Journal of Physiology: Regulatory, Integrative and Comparative Physiology*, vol. 2, pp. R287–295, 2002
1053	Deposition Transcript of Robert Noecker, dated November 13, 2022. IPR2022-00142 ("Noecker '742 IPR Depo Transcript")
1054	Deposition Transcript of Eric Donnenfeld, dated January 21, 2024. C.A. No. 21-16766 ("Donnenfeld PI Depo Transcript")
1055	Spector S.L. & Raizman M.B., Conjunctivitis Medicamentosa, *Journal of Allergy and Clinical Immunology*, vol. 94, no. 1, pp. 134–136, July 1994
1056	C.N.S. Soparkar et al., *Acute and Chronic Conjunctivitis Due to Over-the-Counter Ophthalmic Decongestants*, 115 ARCHIVES OF OPHTHALMOLOGY 34 (1997)
1057	STEDMAN'S MEDICAL DICTIONARY (28th Ed 2006)
1058	ARVO Glossary, Eye and Vision Acronyms
1059	Carrington College, Decoding Your Prescriptions: Understanding Pharmacy Abbreviations, dated February 24, 2015
1060	Not Used
1061	OPHTHALMIC SOLUTIONS OF REMINGTON: THE SCIENCE AND PRACTICE OF PHARMACY, Ch. 4, (20th ed., 2000)
1062	Aslanides I.M., et al., "Letter to the Editor," *Ophthalmology*, vol. 112, no. 12, Dec. 2005, pp. 2238.e8-2238.e9.

1063	Aslanides I.M., et al., "The Effect of Topical Apraclonidine on Subconjunctival Hemorrhage and Flap Adherence in LASIK Patients," *Journal of Refractive Surgery*, vol. 22, Jun. 2006, pp. 585-588
1064	Hong, S., et al., "Effect of Prophylactic Brimonidine Instillation on Bleeding During Strabismus Surgery in Adults," *American Journal of Ophthalmology*, vol. 144, no. 3, Sept. 2007 pp. 469-470
1065	NDC 4200220302, NDC 4200220335, Visine® Original Redness Relief Eye Drops (tetrahydrozoline) 0.05% (Visine Original Label)
1066	P. Agarwal, J. Craig, & I. D. Rupenthal, Review: Formulation Considerations for the Management of Dry Eye Disease, 13 PHARMACEUTICS 1 (2021).
1067	ALPHAGAN® (brimonidine tartrate ophthalmic solution) 0.5% Label (Dec. 2001), https://www.accessdata.fda.gov/drugsatfda_docs/label/2001/21262s6lbl.pdf (Alphagan Label 2001)
1068	ALPHAGAN® P (brimonidine tartrate ophthalmic solution) 0.1% and 0.15%, (2006), https://www.accessdata.fda.gov/drugsatfda_docs/label/2006/021262s018lbl.pdf
1069	Z. Sklubalova, et al. *Systematic study of factors affecting eye drop size and dosing variability.* Pharmazie 60: 917–921 (2005)("Sklubalova 2005")
1070	Z. Sklubalova, et al., *Study of Eye Drops Dispensing and Dose Variability by Using Plastic Dropper Tips.* Drug Development and Industrial Pharmacy, 32:197–205, 2006. ("Sklubalova 2006")
1071	Naphcon A (naphazoline hydrochloride 0.025%, pheniramine maleate 0.3%), Alcon Laboratories (Naphcon A).
1072	Deposition Transcript of Robert Williams III, dated January 19, 2024 ("Williams PI Depo Testimony")
1073	D. N. Tzovolou, et al., *Capillary Electrophoretic Analysis of Brimonidine in Aqueous Humor of the Eye and Blood Sera and Relation of Levels with Intraocular Pressure*, 14 BIOMEDICAL CHROMATOGRAPHY 301 (2000).

1074	D. A. Lee, et. al, *The Effectiveness and Safety of Brimonidine as Mono-, Combination, or Replacement Therapy for Patients with Primary Open-Angle Glaucoma or Ocular Hypertension: A Post Hoc Analysis of an Open-Label Community Trial*, 16 J. OCULAR PHARM. & THERAPEUTICS 3 (2000).
1075	Alphagan P (brimonidine tartrate ophthalmic solution) 0.1%, NDA No. 21770, Medical Review (2005).
1076	Charnock, C., "Are Multidose Over-the-Counter Artificial Tears Adequately Preserved?," *Cornea*, vol. 25, no. 4 (2006), pp. 432–447.
1077	*Visine (naphazoline hydrochloride 0.025%, pheniramine maleate 0.3%)*, DRUGS@FDA: FDA-APPROVED DRUGS, DRUG APPLICATION NDA: 020485, https://www.accessdata.fda.gov/drugsatfda_docs/label/2002/20485s005lbl.pdf (last visited Aug. 17, 2023).
1078	*Zaditor (ketotifen) Ophthalmic (Eye)*, DAILYMED, https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=ac66b1e4-c2b0-a4c3-09e3-ebd44a2f7c9f (last visited Jan. 4, 2024).
1079	*Naphcon-A (naphazoline hydrochloride, pheniramine maleate)*, DRUGS@FDA: FDA-APPROVED DRUGS, https://www.accessdata.fda.gov/drugsatfda_docs/label/2019/020226Orig1s029lbl.pdf (last visited Jan. 4, 2024).
1080	*Alaway (ketotifen) Ophthalmic (Eye)*, DAILY MED, https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=e4c310b5-1dba-4ddc-bc90-b27ebc765871 (last visited Jan. 4, 2024).
1081	*Opcon-A (naphazoline, pheniramine maleate)*, DAILY MED, https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=90a05c13-5b87-415b-9892-10d2edbc1943 (last visited Jan. 4, 2024).
1082	*Advanced Eye Relief Dry Eye Lubricant Eye Drops (glycerine, propylene glycol)*, DAILY MED, https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=027969ee-64e4-4b08-bab7-c4cc8ed22f5f (last visited Jan. 4, 2024).
1083	*Visine Original Redness Relief Eye Drops to Help Relieve Red Eyes & Eye Irritation (tetrahydrozoline)*, DAILY MED

	https://fda.report/DailyMed/e3c41a58-fc93-4e6c-99be-0529edfb54a4 (last visited Jan. 4, 2024).
1084	Not Used
1085	*Visine A.C. Ultra Itchy Eye Relief (tetrahydrozoline, zinc sulfate)*, https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=257b9666-0163-499b-9673-bf6f4d6899b1&audience=consumer (last visited Jan. 4, 2024).
1086	*Visine Allergy Eye Relief Multi-Action (naphazoline hydrochloride, pheniramine maleate)*, DAILY MED, https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=125fbc97-5bc8-436e-9ee9-e5a44384e260 (last visited Jan. 4, 2024).
1087	*Visine Dry Eye Relief (naphazoline, pheniramine maleate)*, DAILY MED, https://dailymed.nlm.nih.gov/dailymed/fda/fdaDrugXsl.cfm?setid=2de7a41d-661d-495f-89b4-5690664a (last visited Jan. 4, 2024).
1088	*Clear Eyes Redness Relief (glycerin, naphazoline hydrochloride)*, DAILY MED, https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=ac87a2d0-56f7-4654-b660-17de22bd29f2 (last visited Jan. 4, 2024).
1089	*Clear Eyes Maximum Redness Relief (glycerin, naphazoline hydrochloride)*, DAILY MED, https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=c3b0e344-68dd-4c35-bf46-744e612a5b15 (last visited Jan. 4, 2024).
1090	*Clear Eyes Maximum Itchy Eye Relief (glycerin, naphazoline hydrochloride)*, https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=326a1462-78d1-42d6-8257-7e4f00d1f215 (last visited Jan. 4, 2024).
1091	*Clear Eyes Triple Action (polyvinyl alcohol, povidone, tetrahydrozoline hydrochloride)*, DAILY MED, https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=1269a1a6-843d-4d08-bb3c-c1f3d2e7080d (last visited Jan. 4, 2024).
1092	*Clear Eyes Cooling Comfort Redness Relief (glycerin, naphazoline hydrochloride liquid)*, DAILY MED,

	https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=38d14e99-e4c8-431b-b106-578eeb38bf3c (last visited Jan. 4, 2024).
1093	*Clear Eyes Cooling Itchy Eye Relief* (naphazoline hydrochloride, glycerin, zinc sulfate), DAILY MED, https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=a710be3f-fa5b-46a6-87b5-5a4d1f807e1c&audience=consumer (last visited Jan. 4, 2024).
1094	*Rohto Cool Max (naphazoline hydrochloride, polysorbate)*, DAILY MED, https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=20b934af-fe24-44a2-b313-5540a209432c (last visited Jan. 4, 2024).
1095	*Rohto Cool (naphazoline hydrochloride, polysorbate)*, DAILY MED, https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=69166dec-fb86-4c76-9efe-88c3bb12a8f0 (last visited Jan. 4, 2024).
1096	*Rohto Digi-Eye (hypromellose, tetrahydrozoline hydrochloride)*, DAILY MED, https://dailymed.nlm.nih.gov/dailymed/drugInfo.cfm?setid=5d6f37b9-b568-4cb6-92de-eb40779f3f8c (last visited Jan. 4, 2024).
1097	Xiidra (lifitegrast ophthalmic solution) 5%, DAILY MED, https://www.accessdata.fda.gov/drugsatfda_docs/label/2016/208073s000lbl.pdf, (last visited Jan. 4, 2024).
1098	*Rhopressa (netarsudil ophthalmic solution) 0.02%*, DAILY MED, https://www.accessdata.fda.gov/drugsatfda_docs/label/2017/208254lbl.pdf (last visited Jan. 4, 2024).
1099	*Vyzulta (latanoprostene bunod ophthalmic solution) 0.024%*, DAILY MED, https://www.accessdata.fda.gov/drugsatfda_docs/label/2017/207795Orig1s000lbl.pdf (last visited Jan. 4, 2024).
1100	*Oxervate (cenegermin-bkbj) ophthalmic solution 0.002%*, DAILY MED, forhttps://www.accessdata.fda.gov/drugsatfda_docs/label/2018/761094s000lbl.pdf (last visited Jan. 4, 2024).
1101	*Rocklatan (netarsudil and latanoprost ophthalmic solution) 0.02%/0.005%*, DAILY MED,

	https://www.accessdata.fda.gov/drugsatfda_docs/label/2019/208259s000lbl.pdf (last visited Jan. 4, 2024).
1102	*Zerviate (cetirizine ophthalmic solution) 0.24%*, DAILY MED, https://www.accessdata.fda.gov/drugsatfda_docs/label/2020/208694s006lbl.pdf (last visited Jan. 4, 2024).
1103	*Eysuvis (loteprednol etabonate ophthalmic suspension)*, 0.25%, DAILY MED, https://www.accessdata.fda.gov/drugsatfda_docs/label/2020/210933s000lbl.pdf (last visited Jan. 4, 2024).
1104	*Lastacaft (alcafatidine ophthalmic solultion 0.025%)*, DAILY MED, https://www.accessdata.fda.gov/drugsatfda_docs/label/2021/022134Orig1s008lbl.pdf (last visited Jan. 4, 2024).
1105	*Verkazia (cyclosporine ophthalmic emulsion 0.1%)*, DAILY MED, https://www.accessdata.fda.gov/drugsatfda_docs/label/2021/214965s000lbl.pdf (last visited Jan. 4, 2024).
1106	*Vuity (pilocarpine hydrochloride ophthalmic solution 1.25%)*, DAILY MED, https://www.accessdata.fda.gov/drugsatfda_docs/label/2021/214028s000lbl.pdf (last visited Jan. 4, 2024).
1107	*Iheezo (chloroprocaine hydrochloride ophthalmic gel 3%)*, DAILY MED, https://www.accessdata.fda.gov/drugsatfda_docs/label/2023/216227Orig1s000Corrected_lbl.pdf (last visited Jan. 4, 2024).
1108	*Omlonti (omidenepag isopropyl ophthalmic solution 0.002%)*, DAILY MED, https://www.accessdata.fda.gov/drugsatfda_docs/label/2022/215092s000lbl.pdf (last visited Jan. 4, 2024).
1109	*Mydcombi (tropicamide and phenylephrine hydrochloride ophthalmic spray 1%/2.5%)*, DAILY MED, https://www.accessdata.fda.gov/drugsatfda_docs/label/2023/215352s000lbl.pdf (last visited Jan. 4, 2024).

1110	*Xdemvy (lotilaner ophthalmic solution 0.25%)*, DAILY MED, https://www.accessdata.fda.gov/drugsatfda_docs/label/2023/217603s000lbl.pdf. (last visited Jan. 4, 2024).
1111	*Inactive Ingredients in Approved Drug Products Search: Frequently Asked Questions*, U.S. FOOD & DRUG ADMIN., https://www.fda.gov/drugs/drug-approvals-and-databases/inactive-ingredients-approved-drug-products-search-frequently-asked-questions#purpose (last visited Jan. 4, 2024).
1112	T. Mundorf, et al., *A 3-Month Comparison of Efficacy and Safety of Brimonidine-Purite 0.15% and Brimonidine 0.2% in Patients with Glaucoma or Hypertension*, 19 J. OPHTHALMOLOGY & THERAPEUTICS 37 (2003).
1113	J.M. Blondeau, et al., *Antimicrobial Efficacy of Gatifloxacin and Moxifloxacin with and without Benzalkonium Chloride Compared with Ciprofloxacin and Levofloxacin Against Methicillin- Resistant Staphylococcus Aureus*, 19 J. CHEMOTHERAPY (2007).
1114	*Benzalkonium Chloride,* U.S. FOOD & DRUG ADMIN., INACTIVE INGREDIENT SEARCH DRUG PRODUCT, https://www.accessdata.fda.gov/scripts/cder/iig/index.cfm?event=BasicSearch.page (last visited Jan. 4, 2024).
1115	*Rhopressa, (netarsudil ophthalmic solution) 0.02%, NDA 208254, NDA APPROVAL, 2017*, https://www.accessdata.fda.gov/drugsatfda_docs/appletter/2017/208254Orig1s000ltr.pdf (last visited Jan. 4, 2024).
1116	*Vyzulta (latanoprostene bunod ophthalinic solution), 0.024%, NDA 207795, NDA Approval, 2017*, U.S. FOOD & DRUG ADMIN.https://www.accessdata.fda.gov/drugsatfda_docs/appletter/2017/207795Orig1s000ltr.pdf (last visited Jan. 4, 2024).
1117	*Oxervate (cenegermin-bkbj) ophthalmic solution 0.002%, BLA 761094, BLA Approval, 2018*, U.S. FOOD & DRUG ADMIN, https://www.accessdata.fda.gov/drugsatfda_docs/appletter/2018/761094Orig1s000Ltr.pdf (last visited Jan. 4, 2024).

1118	*Rocklatan (netarsudil and latanoprost ophthalmic solution) 0.02%/0.005%, NDA 208259, NDA Approval, 2019*, U.S. FOOD & DRUG ADMIN, https://www.accessdata.fda.gov/drugsatfda_docs/appletter/2019/208259Orig1s000ltr.pdf (last visited Jan. 4, 2024).
1119	*Zerviate cetirizine ophthalmic solution) 0.24%, NDA 208694/S-006, Supplement Approval, 2020*, U.S. FOOD & DRUG ADMIN, https://www.accessdata.fda.gov/drugsatfda_docs/appletter/2017/208694Orig1s000ltr.pdf (last visited Jan. 4, 2024).
1120	*Eysuvis, (loteprednol etabonate ophthalmic suspension) 0.25%NDA 210933*, NDA APPROVAL, 2020, U.S. FOOD & DRUG ADMIN, https://www.accessdata.fda.gov/drugsatfda_docs/appletter/2020/210933Orig1s000ltr.pdf (last visited Jan. 4, 2024).
1121	*Lastacaft (alcaftadine ophthalmic solution), 0.25%, NDA, NDA 022134/S-008, Supplement Approval*, U.S. FOOD & DRUG ADMIN, https://www.accessdata.fda.gov/drugsatfda_docs/appletter/2021/022134Orig1s008ltr.pdf (last visited Jan. 4, 2024).
1122	*Verkazia (cyclosporine ophthalmic emulsion), 0.1%, NDA 214965, NDA Approval, 2021*, U.S. FOOD & DRUG ADMIN, https://www.accessdata.fda.gov/drugsatfda_docs/appletter/2021/214965Orig1s000ltr.pdf (last visited Jan. 4, 2024).
1123	*Vuity (pilocarpine hydrochloride ophthalmic solution),1.25%, NDA 214028, NDA Approval, 2021*, U.S. FOOD & DRUG ADMIN, https://www.accessdata.fda.gov/drugsatfda_docs/appletter/2021/214028Orig1s000ltr.pdf (last visited Jan. 4, 2024).
1124	*Iheezo, (chloroprocaine hydrochloride ophthalmic gel) 3%, NDA 216227, Corrected NDA Approval, 2022*, U.S. FOOD & DRUG ADMIN, https://www.accessdata.fda.gov/drugsatfda_docs/appletter/2023/216227Orig1s000Corrected_ltr.pdf (last visited Jan. 4, 2024).
1125	*Omlonti (omidenepag isopropyl ophthalmic solution), 0.002%, NDA 215092, NDA Approval, 2022*, U.S. FOOD & DRUG ADMIN, https://www.accessdata.fda.gov/drugsatfda_docs/appletter/2022/215092Orig1s000ltr.pdf (last visited Jan. 4, 2024).

1126	*Mydcombi (tropicamide and phenylephrine hydrochloride ophthalmic spray), 1%/2.5%, NDA 215352, NDA Approval, 2023,* U.S. FOOD & DRUG ADMIN, https://www.accessdata.fda.gov/drugsatfda_docs/appletter/2023/215352Orig1s000ltr.pdf (last visited Jan. 4, 2024).
1127	*Xdemvy, (lotilaner ophthalmic solution), 0.25%, NDA 217603, NDA Approval, 2023*, U.S. FOOD & DRUG ADMIN, https://www.accessdata.fda.gov/drugsatfda_docs/appletter/2023/217603Orig1s000ltr.pdf (last visited Jan. 4, 2024).
1128	*Xiidra (lifitegrast ophthalmic solution) 5%, NDA 208073, NDA Approval, 2016*, U.S. FOOD & DRUG ADMIN, https://www.accessdata.fda.gov/drugsatfda_docs/appletter/2016/208073Orig1s000ltr.pdf.
1129	Declaration of Robert J. Noecker, MD, MBA, Case No. IPR2022-00142 ("Noecker '742 Declaration"); Filed under seal
1130	Ö. Üretmen, et al., "Letter to the Editor," *Refractive Surgery*, vol. 19, 2013, p. 612.
1131	Desco, M.C., et al., "Effect of Prophylactic Brimonidine on Bleeding Complications After Cataract Surgery," *European Journal of Ophthalmology*, vol. 15 no. 2, 2005, pp. 228-232.
1132	Muñoz, G., et al., "Increased Risk for Flap Dislocation with Perioperative Brimonidine Use in Femtosecond Laser In Situ Keratomileusis," Journal of Cataract Refractive Surgery, vol. 35, 2009, pp. 1338–1342.
1133	*Cheat's guide to bright eyes*, COSMOPOLITAN, https://www.cosmopolitan.com/uk/beauty-hair/g247/cheats-guide-to-flirty-lashes-72639/ (last visited Jan. 21, 2024).
1134	K. Chuang, *Potential of Gene Editing and Induced Pluripotent Stem Cells (iPSCs) in Treatment of Retinal Diseases*, 90 Yale J. Bio. & Med. 635 (2017).
1135	K. Boyd and D. Turbert, *Eye Anatomy: Parts of the Eye and How We See,* AM. ACAD. OPHTHALMOLOGY, (Apr. 29, 2023), https://www.aao.org/eye-health/anatomy/parts-of-eye.

1136	*Scientists Discover Why Cornea is Transparent and Free of Blood Vessels, Allowing Vision*, SCHEPPENS EYE INSTITUTE, (July 17, 2006), https://www.eurekalert.org/news-releases/652982.
1137	K. Boyd, *What are Cataracts?*, AM. ACAD. OPHTHALMOLOGY, (Oct. 16, 2023), https://www.aao.org/eye-health/diseases/what-are-cataracts.
1138	H. Cronau, et al., *Diagnosis and Management of Red Eye in Primary Care*, 81 AM. FAM. PHYSICIAN 2 (2010).
1139	S. L. Ackerman., *Lose-Dose Brimonidine for Relief of Ocular Redness: Integrated Analysis of Four Clinical Trials*, 102 CLINICAL & EXPERIMENTAL OPTOMETRY 131 (2019).
1140	E. McLaurin, et al., *Brimonidine Ophthalmic Solution 0.025% for Reduction of Ocular Redness: A Randomized Clinical Trial*, *Optometry & Visual Science*, vol. 95, no. 3, 2018, 264–271 (2018).
1141	G.L. Torkildsen, et al., *Evaluation of Efficacy and Safety of Brimonidine Tartrate Ophthalmic Solution, 0.025% for Treatment of Ocular Redness*, 43 CURRENT EYE RESEARCH, 43 (2018).
1142	NDA020226, Naphcon A® (naphazoline hydrochloride) 0.025% and (pheniramine maleate) 0.3% ophthalmic solution
1143	NDA 019407, Visine® L.R. (oxymetazoline) 0.025%.
1144	Hosten, L., Snyder C., "Over-the-Counter Ocular Decongestants in the United States – Mechanisms of Action and Clinical Utility for Management of Ocular Redness," *Clinical Optometry*; vol. 12, 2020, pp. 95-105.
1145	Coroneo, M. T., et. al., "Ocular Effects of Cosmetic Products and Procedures," *The Ocular Surface*, vol. 4, no. 2, Apr. 2006, pp. 94–102.
1146	Tal Raviv, *The Off-Label Use of Pharmaceuticals* (Nov. 23, 2002), https://talravivmd.com/the-off-label-use-of-pharmaceuticals/.
1147	Declaration of John C. Galanis, MD, FACS in Support of Petitioners' Reply ("Galanis Reply Report")

1148	H. Kaplan, *Anatomy and Function of the Eye*, *in* IMMUNE RESPONSE AND THE EYE, VOL. 92 (2d ed., 2007).
1149	M. Kuehn, et al., "Retinal Ganglion Cell Death in Glaucoma: Mechanisms and Neuroprotective Strategies," *Ophthalmology Clinic of North America*, vol. 18, Sept. 2005, pp. 383–395.
1150	R. Singh, et al., "Ocular redness – II: Progress in Development of Therapeutics for the Management of Conjunctival Hyperemia," *The Ocular Surface*, vol. 21, 2021, pp. 66–77.
1151	Wang, S., et al., "Therapeutic Efficacy of Topical Blockade of Substance P in Experimental Allergic Red Eye," *The Ocular Surface*, vol. 21, 2021, pp. 184–190.
1152	Utine, C.A., et al., "Radial Keratotomy for the Optical Rehabilitation of Mild to Moderate Keratoconus: More Than 5 Years' Experience," European Journal of Ophthalmology, vol. 16, no. 3, 2006, pp. 376–384.
1153	*Laser In Situ Keratomileusis (LASIK)*, NAT'L INST. HEALTH, NCBI BOOKSHELF, https://www.ncbi.nlm.nih.gov/books/NBK555970/ (last visited Jan. 5, 2024).
1154	J. Ruiz-Ederra, et al., *The Pig Eye As a Novel Model of Glaucoma*, 81 EXPERIMENTAL EYE RSCH. 561 (2005).
1155	Ventrella., D., et al., "The p-ERG Spatial Acuity in the Biomedical Pig Under Physiological Conditions," *Scientific Reports*, vol. 12, 2022, pp. 1–9.
1156	Crespo-Moral, M. et al., "Histological and Immunohistochemical Characterization of the Porcine Ocular Surface," *Plos One*, vol. 15, Jan. 13, 2020, pp. 1–17.
1157	R. Ruffolo, *Distribution and Function of Peripheral a-Adrenoceptors in the Cardiovascular System*, 22 PHARMACOLOGY BIOCHEM. & BEHAVIOR, 827 (1985).
1158	Z. P. Khan et al., *Alpha-2 and Imidazoline Receptor Agonists*, 54 ANAESTHESIA 146 (1999).

1159	S. Schonberg & T. Stokkermans, *Episcleritis*, *in* STATPEARLS (2023), https://www.ncbi.nlm.nih.gov/books/NBK534796/.
1160	M. B. Abelson & A. Vashishan, The Truth about Tachyphylaxis, Rev. Opthalmology (Mar. 16, 2006), https://www.reviewofophthalmology.com/article/the-truth-about-tachyphylaxis.
1161	K. Boyd, *What is Glaucoma? Symptoms, Causes, Diagnosis, Treatment,* AM. ACAD. OPHTHALMOLOGY, (Dec. 04, 2023), https://www.aao.org/eye-health/diseases/what-is-glaucoma (AAO Glaucoma).
1162	Expert Declaration of Ivan T. Hofmann in Support of Petitioners' Reply ("Hofmann Report") — Filed under seal
1163	CV of Ivan T. Hofmann ("Hofmann CV")
1164	A DICTIONARY OF EPIDEMIOLOGY (Miquel Porta, ed. 2014).
1165	*Eyes: How They Work, Anatomy & Common Conditions*, CLEVELAND CLINIC, https://my.clevelandclinic.org/health/body/21823-eyes (last visited Jan. 21, 2024).
1166	*Nat'l Inst. Health, Ncbi Bookshelf*, THE OCULAR CIRCULATION, https://www.ncbi.nlm.nih.gov/books/NBK53329/ (last visited Jan. 5, 2024).
1167	https://www.accessdata.fda.gov/scripts/cder/ob/patent_info.cfm?Product_No=001&Appl_No=208144&Appl_type=N, accessed February 14, 2025 ("Lumify Orange Book Patent List")
1168	https://assignment.uspto.gov/patent/index.html#/patent/search/resultAbstract?id=11833245&type=patNum, accessed February 14, 2025 ("Patent Assignment for US 11,833,245")
1169	https://www.accessdata.fda.gov/drugsatfda_docs/label/2024/208144Orig1s017lbl.pdf, accessed February 14, 2025 ("Lumify Label")
1170	Dr. Reddy's Laboratories Limited Form 20-F, For the Fiscal Year Ended March 31, 2024, available at https://www.drreddys.com/cms/cms/sites/default/files/2024-06/DR%20REDDYS%20LABORATORIES%20LTD_0.pdf, accessed February 14, 2025
1171	Expert Declaration of Ivan T. Hofmann in Support of Petitioner Reply in IPR2022-00142 — Filed under seal

1172	Bausch Fourth Quarter 2018 Earnings Call Transcript, dated February 20, 2019, available at https://seekingalpha.com/article/4242568-bausch-health-companies-inc-bhc-ceo-joseph-papa-on-q4-2018-results-earnings-call-transcript, accessed February 14, 2025
1173	Bausch Second Quarter 2019 Earnings Call Transcript, dated August 6, 2019, available at https://seekingalpha.com/article/4282236-bausch-health-companies-inc-bhc-ceo-joseph-papa-on-q2-2019-results-earnings-call-transcript, accessed February 17, 2025
1174	Bausch Fourth Quarter 2020 Earnings Call Transcript, dated February 24, 2021, available at https://seekingalpha.com/article/4408646-bausch-health-companies-inc-bhc-ceo-joe-papa-on-q4-2020-results-earnings-call-transcript, accessed February 17, 2025
1175	Bausch Fourth Quarter 2021 Earnings Call Transcript, dated February 23, 2022, available at https://seekingalpha.com/article/4489552-bausch-health-companies-inc-bhc-ceo-joseph-papa-on-q4-2021-results-earnings-call-transcript, accessed February 17, 2025
1176	Deposition Transcript of John Ferris, dated January 30, 2025—Filed under seal
1177	https://strength.barrys.com, accessed February 19, 2025 ("Barry's Find Your Strength")
1178	https://www.hg.agency/news/muse-awards, accessed February 17, 2025 ("HG 2019 Muse Creative Awards")
1179	https://www.hg.agency/, accessed February 17, 2025 ("HG Agency")
1180	https://museaward.com/, accessed February 17, 2025 ("MUSE Awards")
1181	https://museaward.com/winner-info.php?id=2187, accessed February 17, 2025 ("Muse Awards 2019 Silver Information")
1182	https://museaward.com/winner-info.php?id=2186, accessed February 17, 2025 ("Muse Awards 2019 Rose Gold Winner Information")
1183	https://wavemakerglobal.com/usa/news-wavemaker-us-wins-two-gold-effie-awards, accessed February 17, 2025 ("Wavemaker Global — Two Gold Effies")
1184	https://wavemakerglobal.com/our-work, accessed February 17, 2025 ("Wavemaker Global — Our Work")
1185	https://www.businesswire.com/news/home/20230926043168/en/Bausch-Lomb-Launches-LUMIFY-EYE-ILLUMINATIONS%E2%84%A2-in-the-United-States, accessed February 17, 2025 ("Businesswire — Lumify Eye Illuminations")

1186	https://www.lumifyeyes.com/eye-illuminations/, accessed February 17, 2025 ("LumifyEyes — Lumify Eye Illuminations")
1187	https://www.fiercepharma.com/marketing/bausch-lomb-kickstarts-tiktok-campaign-lumify-it-asks-consumers-dance-their-eyes, accessed February 17, 2025 ("FiercePharma – Bausch + Lomb kicks off TikTok Challenge for Lumify")
1188	Deposition Transcript of John Ferris, dated November 2, 2022, IPR2022-00142
1189	https://www.prnewswire.com/news-releases/bausch--lomb-launches-the-lumifyeyedance-challenge-on-tiktok-301594922.html, accessed February 17, 2025 ("PR NewsWire – Bausch + Lomb Launches #LUMIFYEyeDance")
1190	https://www.tiktok.com/tag/lumifyeyedance?lang=en, accessed November 17, 2022 ("TikTok Lumify Eye Dance (November 2022)")
1191	https://www.ftc.gov/system/files/documents/plain-language/1001a-influencer-guide-508_1.pdf, accessed February 17, 2025 (FTC Disclosures 101 for Social Media Influencers")
1192	https://www.tiktok.com/@allanface/video/7129967072628657454?is_copy_url=1&is_from_webapp=v1&lang=en, accessed November 17, 2022 ("TikTok Allanface Video")
1193	https://www.tiktok.com/@orionsisters/video/7124396970558459179?is_copy_url=1&is_from_webapp=v1&lang=en, accessed November 17, 2022 ("TikTok OrionSisters Video")
1194	https://www.prnewswire.com/news-releases/bausch--lomb-lumifyeyedance-challenge-wins-2022-public-relations-and-marketing-excellence-award-for-external-campaign-of-the-year-from-business-intelligence-group-301664009.html, accessed February 17, 2025 ("Bausch + Lomb #LUMIFYEyeDance Challenge Wins 2022 Public Relations")
1195	https://www.eventmarketer.com/article/coachella-2024-experiential-marketing/, accessed February 17, 2025 (Event Marketer Coachella 2024 Experimental Marketing")
1196	Deposition Transcript of John Ferris, dated January 4, 2024, C.A. No. 21-16766—filed under seal
1197	Deposition Transcript of John C. Jarosz, dated February 12, 2025—Filed under seal
1198	Declaration of John C. Jarosz, IPR2022-00142—Filed under seal
1199	Deposition Transcript of John C. Jarosz, dated November 11, 2022. IPR2022-00142

1200	https://www.instagram.com/barrys/reel/DFfwk5ZPoJf/, accessed February 19, 2025
1201	U.S. Patent No. 9,259,425
1202 NEW	CV of Anthony M. Masztak
1203 NEW	Expert Declaration of Anthony M. Masztak in Support of Petitioners' Reply (substitute for EX-1162)—Filed under seal

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