UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

CLEARCORRECT OPERATING LLC,
Petitioner,

v.

ALIGN TECHNOLOGY INC.,
Patent Owner.

Case IPR2025-00818
Patent No. 10,973,613

PETITIONER'S UPDATED EXHIBIT LIST

Pursuant to 37 C.F.R. § 42.63(e), Petitioner ClearCorrect Operating LLC hereby submits a current listing of Petitioner exhibits. Exhibits 1138-1141, 1144-1158, 1160-1161, and 1163-1168 are being filed today. Exhibits 1142-1143 are being served today.

Exhibit	Description
1001	U.S. Patent No. 10,973,613 B2 (issued Apr. 13, 2021)
1002	U.S. Patent No. 9,655,691 B2 (issued May 23, 2017)
1003	U.S. Patent Application Publication No. 2005/0100853 A1 (published May 12, 2005)
1004	Intentionally Left Blank
1005	U.S. Patent Application Publication No. 2011/0020761 A1 (published Jan. 27, 2011)
1006	D.S. Porter and R.S. Beavers, *Dishwasher Safe*, PLASTICS TECHNOLOGY (Dec. 2007) [Appendix 1 to Declaration of Lauren Gluckman]
1007	Expert Declaration of Dr. Tim Osswald, Ph.D.
1008	International Patent Application Publication No. WO 2006/096558 A2 (published Sept. 14, 2006)
1009	Bayer Corporation, TEXIN® 990R *Thermoplastic Polyurethane* Product Information (Nov. 2002)
1010	Prosecution History of U.S. Patent Application No. 13/470,681 (now U.S. Patent No. 9,655,691 B2)
1011	Prosecution History of U.S. Patent Application No. 15/476,655 (now U.S. Patent No. 10,973,613 B2)
1012	Declaration of Lauren Gluckman

Exhibit	Description
1013	Appendix 2 to Declaration of Lauren Gluckman - Penn State University Libraries Public Catalog for EX1006, https://catalog.libraries.psu.edu/catalog/83884
1014	Align Technology Inc.'s Preliminary Infringement Contention Charts and Identification of Priority Dates, *Align Technology Inc. v. ClearCorrect Operating LLC*, Case No. 6:24-CV-00187-ADA-DTG (W.D. Tex. July 18, 2024)
1015	*Curriculum Vitae* of Dr. Tim Osswald, Ph.D.
1016	Intentionally Left Blank
1017	Intentionally Left Blank
1018	Prosecution History of U.S. Patent Application No. 17/902,445 (now U.S. Patent No. 11,648,091 B2)
1019	W.J. Schrenk & T. Alfrey, Jr., *Chapter 15: Coextruded Multilayer Polymer Films and Sheets*, *in* POLYMER BLENDS, Vol. 2 129 (1978)
1020	U.S. Patent No. 5,692,894 (issued Dec. 2, 1997).
1021	Joint Claim Construction Statement, *Align Technology, Inc. v. ClearCorrect Operating, LLC*, Case No. 6:24-cv-00187-ADA-DTG (W.D. Tex. Jan. 3, 2025) (ECF No. 142)
1022	ClearCorrect's Preliminary Invalidity Contentions, *Align Technology, Inc. v. ClearCorrect Operating LLC*, Case No. 6:24-CV-00187 (W.D. Tex. Sept. 26, 2024)
1023	Complaint for Damages and Injunctive Relief, *Align Technology, Inc. v. ClearCorrect Operating, LLC*, Case No. 6:24-cv-00187 (W.D. Tex. Apr. 11, 2024) (ECF No. 1)
1024	Prosecution History of U.S. Patent Application No. 12/814,725 (published as U.S. Patent Application Publication No. 2011/0020761 A1)

Exhibit	Description
1025	Appendix 3 to Declaration of Lauren Gluckman - Penn State University Libraries MARC Record, https://catalog.libraries.psu.edu/catalog/83884/marc_view
1026	Internet Archive, *Bayer Polymers Product Guide – Properties* (archived May 26, 2001), Bayer Corporation – Polymers Division, https://web.archive.org/web/20010526121639/http:/www.polymers-usa.bayer.com/orgs/bayer/unpro/ku/texin/990r.htm (last visited April 12, 2025) [Appendix 4 to Declaration of Lauren Gluckman]
1027	Appendix 5 to Declaration of Lauren Gluckman - Internet Archive, https://archive.org/
1028	Appendix 6 to Declaration of Lauren Gluckman - Wayback Machine, https://web.archive.org/
1029	Appendix 7 to Declaration of Lauren Gluckman - Bayer Polymers Division Search, https://web.archive.org/web/20250000000000*/bayer%20polymers%20division
1030	Appendix 8 to Declaration of Lauren Gluckman - Bayer Polymers Division Search, https://web.archive.org/web/20010615000000*/http://bayer.polysort.com/
1031	Appendix 9 to Declaration of Lauren Gluckman - Bayer Polymers Division Search, https://web.archive.org/web/20010331154037/http://bayer.polysort.com/
1032	Appendix 10 to Declaration of Lauren Gluckman - Bayer Polymers Division Search, https://web.archive.org/web/20010406054033/http://www.polymers-usa.bayer.com/
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1035	Appendix 13 to Declaration of Lauren Gluckman - Bayer Polymers Division Search, https://web.archive.org/web/20010418213115/http://www.polymers-usa.bayer.com/orgs/bayer/unpro/p_TEXIN.htm
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1048	L. Alfadil et al., *Assessment of Wear Characteristics, Longevity and Stiffness of Essix-Type Retainers*, 28 CLINICAL ORAL INVESTIGATIONS 184 (2024)
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1050	U.S. Patent No. 5,975,893 (issued Nov. 2, 1999) ("Chishti")
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1084	BPA Ban - Chicago, Illinois, 7-28-637 BPA-Free Kids Ordinance (Added Coun. J. 5-13-09, p. 62794, § 2; Amend Coun. J. 11-16-11, p. 13798, Art. II, § 6)
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1089	BPA Ban - Vermont, VT LEG 258370.1 No. 112 An Act Relating to Bisphenol A, S.247 (approved May 19, 2010)
1090	BPA Ban - New York, Bisphenol A-Free Children and Babies Act, S. 3296 (Mar. 13, 2009)
1091	BPA Ban - Massachusetts, 105 CMR 650.000 (2010)
1092	BPA Ban - Delaware, Section 1. Amend Chapter 25, Title 6, Delaware Code (2011)

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1093	BPA Ban - Maine, Maine Dept. Environmental Protection 06-096, Ch. 822 (effective Jan. 9, 2011)
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1103	3M Press Release (May 9, 2023)
1104	U.S. Patent No. 9,022,903 B2 (issued May 5, 2015)
1105	Internet Archive Wayback Machine, *Tritan Availability Between Nov. 4, 2016-Feb. 18, 2009*
1106	U.S. Patent Pub. No. 2012/0136089 A1 (published May 31, 2012)
1107	U.S. Patent No. 8,979,410 (issued Mar. 17, 2015)
1108	U.S. Patent Pub. No. 2012/0021151 A1 (published Jan. 26, 2012)
1109	U.S. Patent Pub. 2013/0085530 A1 (published Apr. 4, 2013)
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1119	Federal Court Management Statistics-Profiles, United States District Courts – National Judicial Caseload Profile (Mar. 31, 2025) (available at https://www.uscourts.gov/sites/default/files/document/fcms_na_distprofile0331.2025.pdf)
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1122	Jan. 31, 2025, WDTX Amended Order Assigning Business of the Court
1123	May 30, 2024, WDTX Order Assigning the Business of the Court as it relates to Patent Cases

Exhibit	Description
1124	Lex Machina, Cases Reassigned to Judge Albright (July 23, 2025)
1125	Lex Machina, Patent Cases Reassigned to Judge Albright (July 23, 2025)
1126	Fourth Scheduling Order, *Align Tech., Inc. v. ClearCorrect Operating, LLC*, No. 6:24-cv-00187-ADA-DTG (W.D. Tex. June 12, 2025) (ECF No. 188)
1127	Redacted Copy of Patent Owner's Motion to Stay June 17, 2025, Discovery Order Regarding Align's Production of Customer Contracts, *Align Tech., Inc. v. ClearCorrect Operating, LLC*, No. 6:24-cv-00187-ADA-DTG (W.D. Tex. July 8, 2025) (ECF No. 198)
1128	Order, *Align Tech., Inc. v. ClearCorrect Operating, LLC*, No. 6:24-cv-00187-ADA-DTG (W.D. Tex. July 8, 2025) (ECF No. 196)
1129	Defendants ClearCorrect Operating, LLC and ClearCorrect Holdings, Inc.'s Answer and Affirmative Defenses and Counterclaim-Plaintiffs' Counterclaims to Align Technology, Inc.'s Complaint for Damages and Injunctive Relief, *Align Technology, Inc. v. ClearCorrect Operating, LLC*, Case No. 6:24-cv-00187 (W.D. Tex. Apr. 11, 2024) (ECF No. 56)
1130	Claim Construction Order, *Align Tech., Inc. v. ClearCorrect Operating, LLC*, No. 6:24-cv-00187-ADA-DTG (W.D. Tex. June 5, 2025) (ECF No. 185)
1131	Joint Claim Construction Statement, *Align Tech., Inc. v. ClearCorrect Operating, LLC*, No. 6:24-cv-00187-ADA-DTG (W.D. Tex. Jan. 3, 2025) (ECF No. 142)
1132	Stipulated Joint Motion to Amend the Case Schedule, *Align Tech., Inc. v. ClearCorrect Operating, LLC*, No. 6:24-cv-00187-ADA-DTG (W.D. Tex. Mar. 18, 2025) (ECF No. 164)

Exhibit	Description
1133	Third Scheduling Order, *Align Tech., Inc. v. ClearCorrect Operating, LLC*, No. 6:24-cv-00187-ADA-DTG (W.D. Tex. Mar. 20, 2025) (ECF No. 165)
1134	Joint Motion to Amend the Case Schedule, *Align Tech., Inc. v. ClearCorrect Operating, LLC*, No. 6:24-cv-00187-ADA-DTG (W.D. Tex. Jun. 6, 2025) (ECF No. 187)
1135	Intentionally Left Blank
1136	USPTO Rescinds Memorandum Addressing Discretionary Denial Procedures (Feb. 28, 2025)
1137	Prosecution History of U.S. Patent Application No. 17/858,825 (now U.S. Patent No. 11,648,090 B2)
1138	Align Testing Spreadsheet (PDF) (CONFIDENTIAL – PARTIES AND BOARD ONLY)
1139	Align Testing Spreadsheet (PDF) (CONFIDENTIAL – PARTIES AND BOARD ONLY)
1140	[redacted] (CONFIDENTIAL – PARTIES AND BOARD ONLY)
1141	[redacted] (CONFIDENTIAL – PARTIES AND BOARD ONLY)
1142	Align Testing Spreadsheet (native) (SERVED, NOT FILED)
1143	Align Testing Spreadsheet (native) (SERVED, NOT FILED)
1144	Align Technology 2013 Q4 Financial Slides
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1146	Align Technology, https://www.invisalign.com/provider (last visited April 23, 2026)

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1147	Align Technology, https://www.aligntech.com/patents (last visited April 23, 2026)
1148	Reply Expert Declaration of Dr. Tim Osswald, Ph.D.
1149	Transcript of Deposition of Dr. Robert Kimmel (April 17, 2026)
1150	Transcript of Deposition of Yan Chen (April 8, 2026) (CONFIDENTIAL – PARTIES AND BOARD ONLY)
1151	U.S. Patent Application Publication No. US 2012/0322951 (filed June 17, 2011) ("Eastman")
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1157	Transcript of Deposition of Naga Kusima (April 24, 2026)

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1162	Intentionally Left Blank
1163	U.S. Patent No. 7,210,926 (filed Nov. 10, 2003)
1164	U.S. Patent No. 4,826,420 (filed Dec. 14, 1987)
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1166	G. Latini et al., *DI-2-Ethylhexyl Phthalate and Endocrine Disruption: A Review*, 4 ENDOCRINE, METABOLIC & IMMUNE DISORDERS - DRUG TARGETS 37 (2004)
1167	Declaration of Kelley Hayes Greenhill
1168	*Bay Materials Announces Zendura® FLX™ Thermoformable Material for Orthodontic Clear Aligner Therapy Appliances*, PR News Wire, https://web.archive.org/web/20190527023742/https:/www.prnewswire.com/news-releases/bay-materials-announces-zendura-flx-thermoformable-material-for-orthodontic-clear-aligner-therapy-appliances-300756563.html (last visited May 29, 2026)

Respectfully submitted,

Dated: May 29, 2026

By: / Charles T. Collins-Chase /
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CERTIFICATE OF SERVICE

The undersigned certifies that a copy of the foregoing **Petitioner's Updated Exhibit List** and **Exhibits 1138-1158, 1160-1161, and 1163-1168** were served on May 29, 2026, via email directed to counsel of record for the Patent Owner at the following:

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