

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

ALIGN TECHNOLOGY, INC.,

Petitioner,

v.

DENTAL MONITORING SAS,

Patent Owner.

Case No. IPR2024-00052

U.S. Patent No. 11,049,248

**PATENT OWNER DENTAL MONITORING SAS'S
UPDATED EXHIBIT LIST**

Mail Stop **Patent Board**
Patent Trial and Appeal Board
U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Exhibit Number	Description
2001	Declaration of Joshua A. Krevitt in Support of Patent Owners' Motion for Pro Hac Vice Admission
2002	Declaration of Dr. John Mongan, dated January 30, 2024
2003	Curriculum Vitae of John T. Mongan, MD, PhD
2004	Declaration of Budi Kusnoto, D.D.S., M.S., dated January 30, 2024
2005	Curriculum Vitae of Budi Kusnoto, D.D.S., M.S.
2006	September 28, 2022 Press Release of Petitioner, Align Technology, Inc.
2007	Rui Zhao et al., <i>Changing Clear Aligners Every 10 Days or 14 Days? A Randomised Controlled Trial</i> , 39(1) Australasian Orthodontic J. (2023)
2008	May 7, 2020 Press Release of Petitioner, Align Technology, Inc.
2009	U.S. Pat. Pub. 2017/0325689 (Dental Monitoring's English Language Translation of the International Patent Application published as Salah (PCT Publication No. WO2016066651))
2010	J. Liu et al., <i>Machine learning in orthodontics: Challenges and perspectives</i> , 30(10) Advances in Clinical and Experimental Medicine 1065
2011	<i>Dental Monitoring SAS v. Align Technology, Inc.</i> , Case No. 22-cv-07335, Dkt. No. 59, Order Denying Second Motion to Dismiss (N.D. Cal., July 19, 2023)
2012	<i>Dental Monitoring SAS v. Align Technology, Inc.</i> , Case No. 22-cv-07335, Dkt. No. 97, Align's Notice of Pending Inter Partes Review Petition (N.D. Cal., Dec. 18, 2023)
2013	<i>Dental Monitoring SAS v. Align Technology, Inc.</i> , Case No. 22-cv-07335, Dkt. No. 92, Order Re Updated Patent Showdown Deadlines (N.D. Cal., Oct. 26, 2023)
2014	Docket Navigator Report on Time to Trial in cases before Judge Alsup (Excluding Outliers)

2015	<i>Dental Monitoring SAS v. Align Technology, Inc.</i> , Case No. 22-cv-07335, Dkt. No. 56, Patent Showdown Scheduling Order (N.D. Cal., July 14, 2023)
2016	<i>Dental Monitoring SAS v. Align Technology, Inc.</i> , Case No. 22-cv-07335, Defendant's Patent Local Rule 3-3 and 3-4 Initial Invalidity Contentions and Disclosures (N.D. Cal., Sept. 11, 2023)
2017	The PASCAL-Context Dataset (June 13, 2017 version available at https://web.archive.org/web/20170613074321/https://cs.stanford.edu/~roozbeh/pascal-context/)
2018	The PASCAL VOC 2010 Dataset (July 7, 2017 version available at https://web.archive.org/web/20170707024736/http://host.robots.ox.ac.uk/pascal/VOC/voc2010/#data)
2019	The Berkeley Segmentation Data Set (BSDS 500) (July 22, 2016 version available at https://web.archive.org/web/20160722194737/http://www.eecs.berkeley.edu/Research/Projects/CS/vision/grouping/resources.html)
2020	The PASCAL VOC 2012 Segmentation dataset (July 13, 2017 version available at https://web.archive.org/web/20170713000522/http://host.robots.ox.ac.uk/pascal/VOC/voc2012/#data)
2021	The NYUD v2 Datasets (July 13, 2017 version available at https://web.archive.org/web/20170705142032/https://cs.nyu.edu/~silberman/datasets/nyu_depth_v2.html)
2022	Timothy T. Wheeler, <i>Orthodontic Clear Aligner Treatment</i> , 23(1) Seminars in Orthodontics 83 (2017)
2023	Emilia Taneva, Budi Kusnoto, Carla A. Evans, Chapter 9: 3D Scanning, Imaging, and Printing in Orthodontics, Issues in Contemporary Orthodontics (Farid Bourzgui 2015)
2024	Orhan Tuncay et al., <i>Effectiveness of a Compliance Indicator for Clear Aligners</i> , 43(4) J. Clin. Orthod. 263 (2009)
2025	Silvia Caruso, Sara Caruso, et al., <i>A Knowledge-Based Algorithm for Automatic Monitoring of Orthodontic Treatment: The Dental Monitoring System. Two Cases</i> , 21(5) Sensors (Basel) 1856 (2021)

2026	Barry J. Glaser, <i>The Insider's Guide to Invisalign Treatment</i> , (3L Publishing, 2017)
2027	Excerpt from Deposition Transcript of Dr. Maureen Valley in IPR-2019-000132
2028	Expert Declaration of Dr. John Mongan, M.D., Ph.D., in support of Dental Monitoring's Patent Owner's Response
2029	Updated Curriculum Vitae of John T. Mongan, M.D., Ph.D.
2030	Expert Declaration of Dr. Budi Kusnoto, D.D.S., M.S., in support of Dental Monitoring's Patent Owner's Response
2031	Updated Curriculum Vitae of Budi Kusnoto, D.D.S., M.S.
2032	American Association of Orthodontists, <i>2023 Economics of Orthodontics Analysis Reporting on 2022 Practice & Patient Statistics: Member Report</i> (Aug. 28, 2023)
2033	American Board of Orthodontists, <i>Ideal Photographs and Radiographs</i>
2034	Institute of Medical Illustrators, <i>IMI National Guidelines: Orthodontic Photography</i> (Feb. 2008).
2035	Canon, <i>Canon Dental Photography Guide</i> (2015)
2036	Excerpts from Transcript of Deposition of Dr. Maureen A. Valley in IPR2019-00132 (Dec. 18, 2019)
2037	Excerpts from Declaration of Dr. Maureen A. Valley in <i>Dental Monitoring SAS v. Align Technology, Inc.</i> , 3:22-cv-07335-WHA (Dkt. 104-5)
2038	R. Kaplan, <i>Standardization for Serial Intraoral Photography</i> , The C.V. Mosby Co. 431 (1979)
2039	[RESERVED]
2040	S. Samawi, <i>Clinical Digital Photography in Orthodontics: Professional Photographic Records in Daily Practice</i> , 18 Jordan Dental J. 20 (2012)
2041	O. Russakovsky et al., <i>ImageNet Large Scale Visual Recognition Challenge</i> , https://arxiv.org/pdf/1409.0575
2042	S. Xie & Z. Tu, <i>Holistically-Nested Edge Detection</i> , https://arxiv.org/pdf/1504.06375
2043	[RESERVED]

2044	[RESERVED]
2045	B. Lang, <i>NVIDIA's Next-Gen Titan X Has 11 TFLOPS Performance, 12GB of Memory, and Costs 1 Arm and 1 Leg</i> , Road TOVR (July 21, 2016)
2046	I. Ahmad, <i>Digital Dental Photography, Part 2: Purposes and Uses</i> , 206(9) British Dental J. 459 (May 2009)
2047	S. Finlay, <i>Photographic Analysis and Diagnosis: Step One</i> , 2(3) Inside Dentistry (Oct. 2009)
2048	Deposition Transcript of Dr. Hassan Foroosh, Ph.D., in IPR2023-01369 (May 17, 2024)
2049	[RESERVED]
2050	[RESERVED]
2051	[RESERVED]
2052	Supplemental Declaration of Dr. Budi Kusnoto (served not filed)
2053	Declaration of N. E. Frank-White (attaching S. Frey, <i>A Quick Look at Dental Monitoring, The Ortho Cosmos</i> , http://theorthocosmos.com/quick-look-dental-monitoring/ (Apr. 17, 2017)
2054	Deposition Transcript of Dr. Hassan Foroosh, Ph.D., in IPR2024-00110 and IPR2024-00052 (June 28, 2024)
2055	<i>Making Sure Your Invisalign Aligners Fit Correctly</i> , Morita Orthodontics (2016)
2056	Apple, <i>Apple Reinvents the Phone with iPhone</i> , Apple Newsroom (Jan. 9, 2007)
2057	[RESERVED]
2058	U.S. Pat. No. 11,109,945
2059	Declaration of H. Foroosh in support of Align's petition for <i>inter partes</i> review of U.S. Pat. No. 11,10,945
2060	BusinessWire, <i>DentalMonitoring Sets New Standard In Orthodontic Remote Monitoring With De Novo Approval By the U.S. Food and Drug Administration (FDA)</i> , May 20, 2024 Press Release (https://www.businesswire.com/news/home/20240520240852/e

	n/DentalMonitoring-Sets-New-Standard-In-Orthodontic-Remote-Monitoring-With-De-Novo-Approval-By-the-U.S.-Food-and-Drug-Administration-FDA-)
2061	[RESERVED]
2062	[RESERVED]
2063	N. Smith, <i>Clear aligner therapy: An esthetic approach to total patient care</i> , Dentistry IQ (Sept. 25, 2017)
2064	Provisional Patent Application No. 62/417,985 to Carrier et al.
2065	Deposition Transcript of Dr. Hassan Foroosh, Ph.D., in IPR2024-00110 and IPR2024-00052 (November 8, 2024)
2066	Patent Owner's Demonstratives

Date: January 23, 2025

Respectfully submitted,

By: /Charlotte Jacobsen/
Charlotte Jacobsen (Reg. No. 80,455)
Joshua Krevitt (Admitted *Pro Hac Vice*)
Allyson E. Parks (Reg. No. 73,335)
Gibson, Dunn & Crutcher LLP
200 Park Avenue
New York, NY 10166-0193
Tel: 212-351-3961
Tel: 212-351-2490
CJacobsen@gibsondunn.com
JKrevitt@gibsondunn.com
AParks@gibsondunn.com

Jaysen S. Chung (Reg. No. 68,199)
Gibson, Dunn & Crutcher LLP
555 Mission Street, Suite 3000
San Francisco, CA 94105-0921
Tel: 415-393-8271
Fax: 415-374-8405
Email: JSChung@gibsondunn.com

Andrew Blythe (Reg. No. 75,014)

Gibson, Dunn & Crutcher LLP

3161 Michelson Drive

Irvine, CA 92612-4412

Tel: 949-451-3926

Fax: 949-475-4630

Email: ABlythe@gibsondunn.com

Counsel for Patent Owner

Certificate of Service

The undersigned certifies that the foregoing **Patent Owner Dental Monitoring SAS's Updated Exhibit List** and EX2066 were served this 23rd day of January 2025, on Petitioner at the electronic correspondence address of Petitioner's Counsel as follows:

Matthew A. Argenti	margenti@wsgr.com
Michael T. Rosato	mrosato@wsgr.com
Patrick Medley	pmedley@wsgr.com

Dated: January 23, 2025

/Charlotte Jacobsen/
Charlotte Jacobsen, Lead Counsel
Reg. No. 80,455