

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

ALIGN TECHNOLOGY, INC.,
Petitioner,

v.

DENTAL MONITORING SAS,
Patent Owner.

Case IPR2023-01369
Patent No. 10,755,409

PETITIONER'S UPDATED EXHIBIT LIST

Exhibit No.	Description
1001	U.S. Patent No. 10,755,409 to Salah et al.
1002	Declaration of Dr. Hassan Foroosh
1003	Curriculum Vitae of Hassan Foroosh, Ph.D.
1004	U.S. Patent Application No. 16/031,201 File History
1005	U.S. Patent Pub. No. 2021/0068923 to Carrier et al.
1006	Provisional Patent Application No. 62/417,985 to Carrier et al.
1007	Maninis et al., “Convolutional Oriented Boundaries: From Image Segmentation to High-Level Tasks,” <i>arXiv.org</i> (Apr. 28, 2017)
1008	Translation of PCT Pub. No. WO 2016066651 to Salah et al.
1009	U.S. Patent Pub. No. 2013/0282351 to Martin Tank
1010	U.S. Patent Pub. No 2020/0229901 (Application No. 16/827,594)
1011	U.S. Patent Pub. No. 2018/0125610 (Application No. 15/803,718)
1012	PCT Pub. No. WO 2016066651 to Salah et al.
1013	Xie et al., “Semantic Instance Annotation of Street Scenes by 3D to 2D Label Transfer,” <i>2016 IEEE Conference on Computer Vision and Pattern Recognition</i> (2016)
1014	Chen et al., “Beat the MTurkers: Automatic Image Labeling from Weak 3D Supervision,” <i>2014 IEEE Conference on Computer Vision and Pattern Recognition</i> (2014)
1015	Krizhevsky et al., “ImageNet Classification with Deep Convolutional Neural Networks,” <i>Advances in Neural Information Processing Systems</i> 25 (2012)
1016	Patrick Cavanaugh, “Visual Cognition” <i>Vision Research</i> 51 (2011)

Exhibit No.	Description
1017	Prasad et al., “Learning Class-specific Edges for Object Detection and Segmentation,” <i>Computer Vision, Graphics and Image Processing: 5th Indian Conference, ICVGIP 2006</i> (2006)
1018	Wang et al., “Simultaneous Image Classification and Annotation,” <i>CVPR</i> 1, No. 2 (2009)
1019	Tao et al., “Similarity Voting based Viewpoint Selection for Volumes,” <i>Computer Graphics Forum</i> 35, No. 2 (2016)
1020	United States District Courts — National Judicial Caseload Profile, available at https://www.uscourts.gov/sites/default/files/data_tables/fcms_na_distprofile0331.2023.pdf (March 2023)
1021	Maninis et al., “Convolutional Oriented Boundaries: From Image Segmentation to High-Level Tasks,” <i>arXiv.org</i> (Jan. 17, 2017)
1022	<i>arXiv.org Submission Help Page</i> , https://arxiv.org/help/submit (as archived May 3, 2017, at https://web.archive.org/web/20170503071322/https://arxiv.org/help/submit)
1023	<i>arXiv.org Article Replacement Help Page</i> , https://arxiv.org/help/replace (as archived July 18, 2017, at https://web.archive.org/web/20170718173822/https://arxiv.org/help/replace)
1024	<i>COB - Convolutional Oriented Boundaries</i> , http://people.ee.ethz.ch/~cvlsegmentation/cob/ (as archived May 3, 2017, at http://web.archive.org/web/20170503233424/http://people.ee.ethz.ch/~cvlsegmentation/cob/)
1025	<i>arXiv.org Author Search Page for Luc van Gool</i> , https://arxiv.org/find/cs/1/au:+Gool_L/0/1/0/all/0/1 (as archived July 8, 2017, at https://web.archive.org/web/20170708002617/https://arxiv.org/find/cs/1/au:+Gool_L/0/1/0/all/0/1)
1026	<i>arXiv.org Article Replacement Help Page</i> , https://arxiv.org/help/replace (as archived September 8, 2016, at

Exhibit No.	Description
	https://web.archive.org/web/20160908205209/https://arxiv.org/help/replace)
1027	Joint Stipulation and Proposed Order (Dkt. No. 73), <i>Dental Monitoring SAS v. Align Technology, Inc.</i> , Case No. 3-22-cv-07335 (N.D. Cal., Aug. 30, 2023)
1028	Defendant Align Technology, Inc.’s Stipulation re Challenged Claims in IPR2023-01369 (Dkt. No. 106), <i>Dental Monitoring SAS v. Align Technology, Inc.</i> , Case No. 3-22-cv-07335 (N.D. Cal., Jan. 8, 2024)
1029	Second Declaration of Dr. Hassan Foroosh
1030	Declaration of Nathaniel E. Frank-Wright
1031	Second Declaration of Nathaniel E. Frank-Wright
1032	Intentionally Left Blank
1033	Rajkomar et al., “High-Throughput Classification of Radiographs Using Deep Convolutional Neural Networks,” <i>J. Digital Imaging</i> , 30, 95-101 (Feb. 2017)
1034	Intentionally Left Blank
1035	Declaration of Dr. Maureen Valley
1036	Curriculum Vitae of Maureen Valley, D.M.D., M.P.H., M.S.
1037	Deposition Transcript of Dr. John Mongan (July 23, 2024)
1038	Deposition Transcript of Dr. Budi Kusnoto (Aug. 9, 2024)
1039	Liu et al., “Sparse Convolutional Neural Networks,” 2015 IEEE Conference on Computer Vision and Pattern Recognition (CVPR) (2015)
1040	Wu et al., “Quantized Convolutional Neural Networks for Mobile Devices,” <i>arXiv.org</i> (https://arxiv.org/pdf/1512.06473v3) (May 16, 2016)

Exhibit No.	Description
1041	Howard et al., “MobileNets: Efficient Convolutional Neural Networks for Mobile Vision Applications,” <i>arXiv.org</i> (https://arxiv.org/pdf/1704.04861v1) (Apr. 17, 2017)
1042	Ross Girshick, “Fast R-CNN,” <i>arXiv.org</i> (https://arxiv.org/pdf/1504.08083v2) (Sep. 27, 2015)
1043	Dong-Hyun Lee, “Pseudo-Label: The Simple and Efficient Semi-Supervised Learning Method for Deep Neural Networks,” <i>ResearchGate</i> (https://www.researchgate.net/profile/Dong-Hyun-Lee/publication/280581078_Pseudo-Label_The_Simple_and_Efficient_Semi-Supervised_Learning_Method_for_Deep_Neural_Networks/links/55bc4ada08ae092e9660b776/Pseudo-Label-The-Simple-and-Efficient-Semi-Supervised-Learning-Method-for-Deep-Neural-Networks.pdf) (Aug. 1, 2015)
1044	Patrini et al., “Making Deep Neural Networks Robust to Label Noise: a Loss Correction Approach,” <i>arXiv.org</i> (https://arxiv.org/pdf/1609.03683v2) (Mar. 22, 2017)
1045	“Apple Presents iPhone 4,” https://www.apple.com/newsroom/2010/06/07Apple-Presents-iPhone-4/ (as archived May 25, 2017, at http://web.archive.org/web/20170525092213/ https://www.apple.com/newsroom/2010/06/07Apple-Presents-iPhone-4/)
1046	“iPhone Xs and iPhone Xs Max Bring the Best and Biggest Displays to iPhone,” https://www.apple.com/newsroom/2018/09/iphone-xs-and-iphone-xs-max-bring-the-best-and-biggest-displays-to-iphone/ (as archived Sep. 12, 2018, at http://web.archive.org/web/20180912213153/ https://www.apple.com/newsroom/2018/09/iphone-xs-and-iphone-xs-max-bring-the-best-and-biggest-displays-to-iphone/)
1047	Schnitman et al., “Inducing Semantic Segmentation from an Example,” <i>Computer Vision—ACCV 2006</i> (2006)

Exhibit No.	Description
1048	Reply Declaration of Dr. Hassan Foroosh
1049	Deposition Transcript of Dr. Hassan Foroosh (with errata)
1050	Order Granting Final Judgment Pursuant to Joint Stipulation, <i>Dental Monitoring SAS v. Align Technology, Inc.</i> , Case No. 3-22-cv-07335 (N.D. Cal., Aug. 8, 2024)

Respectfully submitted,

Date: November 19, 2024

/ Matthew A. Argenti /
Matthew A. Argenti, Lead Counsel
Reg. No. 61,836

CERTIFICATE OF SERVICE

The undersigned certifies that the foregoing Petitioner's Updated Exhibit List and EX1029 were served November 19, 2024, on the Patent Owner at the electronic service addresses as follows:

Charlotte Jacobsen
Josh Krevitt
Jaysen S. Chung
Andrew Blythe
Allyson E. Parks
Gibson, Dunn & Crutcher LLP
cjacobsen@gibsondunn.com
JKrevitt@gibsondunn.com
JSChung@gibsondunn.com
ABlythe@gibsondunn.com
AParks@gibsondunn.com

Dated: November 19, 2024

/Matthew A. Argenti/
Matthew A. Argenti, Lead Counsel
Reg. No. 61,836