

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

TVISION INSIGHTS, INC.,

Petitioner,

v.

THE NIELSEN COMPANY (US), LLC,

Patent Owner

Case IPR2023-01014
Patent No. 11,470,243

PATENT OWNER'S UPDATED EXHIBIT LIST

APPENDIX OF EXHIBITS

Exhibit 2001	Declaration of Dr. Eli Saber
Exhibit 2002	<i>Request for Statutory Disclaimer as Filed</i> , October 09, 2023
Exhibit 2003	<i>Complaint for Patent Infringement</i> , C.A. No. 1:22-cv-01345
Exhibit 2004	<i>TVision's Initial Invalidity Contentions Regarding the '243 Patent</i> , Exhibit A1-A4
Exhibit 2005	<i>Notice, Consent, and Reference of a Civil Action to a Magistrate Judge</i> , Nov. 7, 2022
Exhibit 2006	<i>Docket Report for Case No. 1:22-cv-01345</i>
Exhibit 2007	<i>Topia Technology, Inc. v. Egnyte, Inc.</i> , No. 21-cv-01821 (D. Del. Mar. 6, 2023), <i>Hearing Transcript</i> , 5:4-12, 48:16-22
Exhibit 2008	<i>Curriculum Vitae of Dr. Eli Saber</i>
Exhibit 2009	<i>Facial Expression Recognition: A Brief Tutorial Overview</i> , Claude Chibelushi and Fabrice Bourel, Staffordshire University, 2002
Exhibit 2010	<i>Facial Expression Recognition</i> , Maja Pantic, Springer-Verlag Berlin Heidelberg, 2009
Exhibit 2011	<i>Automatic Analysis of Facial Expressions: the State of the Art</i> , Maja Pantic and Leon Rothkrantz, IEEE Transactions on Pattern Analysis and Machine Intelligence, vol. 22, No. 12, December 2000
Exhibit 2012	<i>Mechanisms of Face Perception</i> , Doris Y. Tsao and Margaret S. Livingstone, Annu Rev Neurosci. 2008, 31, 411-437
Exhibit 2013	<i>Stipulation and Proposed Order Regarding Claim Construction</i> , October 30, 2023
Exhibit 2014	DSP, Chapter 4 - Oppenheim
Exhibit 2015	Text Extraction, Enhancement and OCR in Digital Video
Exhibit 2016	US Patent Application Publication No. US20070257934A1 to Doermann, et al.
Exhibit 2017	Camera-based analysis of text and documents- a survey
Exhibit 2018	Deposition Transcript of Dr. David Scott Doermann
Exhibit 2019	Declaration of Megan J. Redmond
Exhibit 2020	Supplemental Declaration of Dr. Eli Saber
Exhibit 2021	<i>Machine Analysis of Facial Behavior: Naturalistic and Dynamic Behavior</i> , Maja Pantic, The Royal Society, 2009
Exhibit 2022	<i>Super-Resolution Reconstruction and Its Future Research Direction</i> , Patanavijit, 2009

Exhibit 2023	<i>Analysis and Comparison of Various Image Downsampling and Upsampling Methods</i> , Abdou Youssef, Department of EECS, December 1998
Exhibit 2024	<i>1/2.5 Inch 5Mp CMOS Digital Image Sensor</i> , Aptina Imaging
Exhibit 2025	<i>Aliasing</i> , Bruno Olshausen, October 10, 2000
Exhibit 2026	U.S. Patent No. 7,697,012 to Lee et al. (" <i>Lee '012</i> ")
Exhibit 2027	U.S. Patent No. 7,298,866 to Lee (" <i>Lee '866</i> ")
Exhibit 2028	U.S. Patent Application Publication No. 2012/0281028 to Orlick et al. (" <i>Orlick</i> ")
Exhibit 2029	<i>Quadrature Prefiltering for High Quality Antialiasing</i> , Guenter et al., Georgia Institute of Technology, October 1996
Exhibit 2030	European Patent No. 0694188 to Arbeiter et al. (" <i>Arbeiter</i> ")
Exhibit 2031	<i>Filtering by Repeated Integration</i> , Paul Heckbert, ACM, Vol. 20, No. 4, 1986
Exhibit 2032	<i>Using the Convolution Filter Process</i> , Release 9.2, April 14, 2008
Exhibit 2033	<i>Convolution Algorithms</i> , Sidney Burrus, April 10, 2010
Exhibit 2034	<i>Face Recognition Algorithms</i> , Universidad del Pais Vasco, June 16, 2010
Exhibit 2035	<i>Facial Feature Based Head Tracking and Pose Estimation</i> , Jari Hannuksela, Department of Electrical and Information Engineering, University of Oulu, 2003
Exhibit 2036	<i>Is Your TV Too Big for Your Room?</i> , Ann Porter, October 3, 2007
Exhibit 2037	<i>Sectional Sofa With Two Pillows</i> , https://ilovebbcsmlife/product_details/83389857.html
Exhibit 2038	<i>Face Detection and Tracking Techniques: A Review</i> , Intl. Journal of Advanced Research in Computer Science, Vol. 2, No. 5, October 2011
Exhibit 2039	Patent Owner's Demonstrative Exhibits

Respectfully submitted,

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COUNSEL FOR PATENT OWNER

CERTIFICATE OF SERVICE ON PATENT OWNER
UNDER 37 C.F.R. § 42.6

Pursuant to 37 C.F.R. § 42.6(e), the undersigned certifies that on October 11, 2024, the foregoing *Patent Owner's Updated Exhibit List* was served via electronic filing with the Board and via Electronic Mail on the following practitioners of record for Petitioner:

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