

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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GLOBAL TEL\*LINK CORPORATION,  
Petitioner

v.

SECURUS TECHNOLOGIES, INC.,  
Patent Owner

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Case IPR2016-01220  
Patent 9,007,420 B1

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**PETITIONER GLOBAL TEL\*LINK CORPORATION'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

Petitioner submits this Updated Exhibit List to accompany submission of  
Exhibit 1100, Confidential Settlement Agreement Between Parties.

**UPDATED EXHIBIT LIST**

<b>Ex. No.</b>	<b>Description</b>
1001	U.S. Patent No. 9,007,420 to Passe, filed January 10, 2014, issued April 14, 2015.
1002	Prosecution History of U.S. Patent No. 9,007,420.
1003	U.S. Patent Application Publication No. 2012/0262271 by Torgersrud <i>et al.</i> , filed April 18, 2011, published October 18, 2012.
1004	U.S. Patent No. 8,218,829 to Kenoyer, filed July 31, 2006, issued July 10, 2012.
1005	U.S. Patent No. 7,436,988 to Zhang <i>et al.</i> , filed June 3, 2005, issued Oct. 14, 2008.
1006	Declaration of Dr. Hoyamoon Beigi.
1007	E. Hjelmås <i>et al.</i> , "Face detection: A Survey," Computer Vision and Image Understanding, Vol. 83, No. 3, September 2001; pp. 236-74.
1008	M. Yang <i>et al.</i> , "Detecting Faces in Images: A Survey," IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 24, No. 1, January 2002; pp. 34-58.
1009	C. Zhang <i>et al.</i> , "A Survey of Recent Advances in Face Detection," Microsoft Research Technical Report No. MSR-TR-2010-66, Microsoft Corporation, 2010.
1010	M. Kirby <i>et al.</i> , "Application of the Karhunen-Loeve Procedure for the Characterization of Human Faces," IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 12, No. 1, January 1990; pp. 103-08.
1011	M. Turk <i>et al.</i> , "Eigenfaces for Recognition," Journal of Cognitive Neuroscience, Vol. 3, No. 1, 1991; pp. 71-86.
1012	J. Cartoux <i>et al.</i> , "Face Authentication or Recognition by Profile Extraction from Range Images," IEEE Proceedings of the Workshop on Interpretation of 3D Scenes, November 1989; pp. 194-99.

Ex. No.	Description
1013	K. Bowyer <i>et al.</i> , “A survey of approaches and challenges in 3D and multi-modal 3D+2D face recognition,” <i>Computer Vision and Image Understanding</i> , Vol. 101, No. 1, 2006; pp. 1-15.
1014	U.S. Patent No. 9,064,257 to Beigi, filed November 2, 2011, issued June 23, 2015.
1015	U.S. Patent No. 6,219,640 to Basu <i>et al.</i> , filed August 6, 1999, issued April 17, 2001.
1016	P. Viola <i>et al.</i> , “Rapid Object Detection Using a Boosted Cascade of Simple Features,” <i>Computer Vision and Pattern Recognition</i> , 2001.
1017	L.Sanchez Lopez, “Local Binary Patterns Applied to Face Detection and Face Recognition,” Final Research Project, Universitat Politecnica de Catalunya, November 2010.
1018	Y. H. Huang <i>et al.</i> , “Face Detection and Smile Detection,” Proceedings of IPPR Conference on Computer Vision, Graphics, and Image Processing, Shitou, Taiwan, A5-6, 2009.
1019	M. Felsberg, “Robot Vision Systems, PhD course spring term 2015,” Computer Vision Laboratory PowerPoint Presentation, 2015.
1020	INTENTIONALLY LEFT BLANK
1021	Toderici <i>et al.</i> , “Bidirectional relighting for 3D-aided 2D Face Recognition,” <i>Proceedings from IEEE Computer Vision and Pattern Recognition</i> , 13-18 June 2010, San Francisco, CA.
1022	Transcript of May 16, 2017, Deposition of Dr. Kakadiaris
1023-1099	<i>Intentionally Left Blank</i>
1100	Settlement Agreement Between Parties [BUSINESS CONFIDENTIAL INFORMATION]

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

/Michael D. Specht/

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Date: December 6, 2017

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**CERTIFICATION OF SERVICE**

The undersigned hereby certifies that on December 6, 2017 the foregoing  
**PETITIONER GLOBAL TEL\*LINK CORPORATION'S UPDATED**  
**EXHIBIT LIST** and Exhibit 1100 were served electronically via e-mail in their  
entireties on the following counsel of record for Patent Owner:

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