

**UNITED STATES PATENT AND TRADEMARK OFFICE**

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**BEFORE THE PATENT TRIAL AND APPEAL BOARD**

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ASSA ABLOY AB, ASSA ABLOY Inc.,  
ASSA ABLOY Residential Group, Inc., August Home, Inc., HID Global  
Corporation, and ASSA ABLOY Global Solutions, Inc.,  
Petitioners,

v.

CPC Patent Technologies PTY LTD.,  
Patent Owner.

Case No. IPR2022-01094  
Patent No. 8,620,039

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**PETITIONERS' UPDATED EXHIBIT LIST**

Pursuant to 37 C.F.R. § 42.63(e), ASSA ABLOY AB, ASSA ABLOY Inc., ASSA ABLOY Residential Group, Inc., August Home, Inc., HID Global Corporation, and ASSA ABLOY Global Solutions, Inc. (collectively, “Petitioners”) hereby submit a current listing of their exhibits.

<b>EXHIBIT</b>	<b>DESCRIPTION</b>
EX-1001	U.S. Patent No. 8,620,039 (“’039 Patent”)
EX-1002	Patent Prosecution History of U.S. Patent No. 8,620,039
EX-1003	European Patent Pub. No. EP 0924655A2 to Hsu <i>et al.</i> (“Hsu”)
EX-1004	World Intellectual Property Organization (WIPO) Int. Pub. No. WO 2003077077A2 (03/077077) to Kirk Sanford (“Sanford”)
EX-1005	U.S. Patent No. 6,963,660 to Yoshihiro Tsukamura and Takeshi Funahashi (“Tsukamura”)
EX-1006	Declaration of Stuart Lipoff Regarding Invalidity of U.S. Patent No. 8.620,039
EX-1007	Curriculum Vitae of Stuart Lipoff
EX-1008	European Patent Pub. No. EP 0881608A1 to Walter Leu (“Leu Original”)
EX-1009	Certified English Translation of European Patent Pub. No. EP 0881608A1 to Walter Leu (“Leu”)

EXHIBIT	DESCRIPTION
EX-1010	U.S. Patent No. 5,790,674 to Robert C. Houvener and Ian P. Hoenisch (“Houvener”)
EX-1011	U.S. Patent No. 5,956,415 to McCalley <i>et al.</i> (“McCalley”)
EX-1012	Claim Construction Order in <i>CPC Patent Technologies Pty Ltd v. Apple Inc.</i> , WDTX-6-21-cv-00165-ADA, Dkt. No. 76 (“Apple CC Order”)
EX-1013	Joint Claim Construction Statement in <i>CPC Patent Technologies Pty Ltd v. Apple Inc.</i> , WDTX-6-21-cv-00165-ADA, Dkt. No. 57 (“Apple Joint CC Statement”)
EX-1014	Excerpts from Bloomsbury English Dictionary, 2 <sup>nd</sup> Edition (2004)
EX-1015	Excerpts from The Chambers Dictionary, 4th Edition (2003)
EX-1016	CPC Publicly Filed Infringement Allegations Against Apple regarding U.S. Patent No. 8,620,039
EX-1017	World Intellectual Property Organization (WIPO) Int. Pub. No. WO 2001022351A1 (01/022351) to Gerald R. Black (“Black”)
EX-1018	World Intellectual Property Organization (WIPO) Int. Pub. No. WO 2004055738A1 (04/055738) to Svein Mathiassen and Ivar Mathiassen (“Mathiassen”)
EX-1019	Excerpts from Algorithms + Data Structures = Programs, Niklaus Wirth (1976) (“Wirth”)

EXHIBIT	DESCRIPTION
EX-1020	Excerpts from The Art Of Computer Programming (Second Edition), Volume 1 Fundamental Algorithms (1973) (“Knuth Vol. 1”)
EX-1021	Excerpts from The Art Of Computer Programming, Volume 3 Sorting and Searching (1973) (“Knuth Vol. 3”)
EX-1022	Perfect Hashing Functions: A Single Probe Retrieving Method for Static Sets, Renzo Sprugnoli (1977) (“Sprugnoli”)
EX-1023	Petitioners’ Responses to Patent Owner’s Interrogatories
EX-1024	Webpage printout - Developing for the app store at <a href="https://www.apple.com/app-store/developing-for-the-app-store/">https://www.apple.com/app-store/developing-for-the-app-store/</a>
EX-1025	Webpage printout - Apple MFi Authorized Manufacturers at <a href="https://mfi.apple.com/account/authorized-manufacturers">https://mfi.apple.com/account/authorized-manufacturers</a>
EX-1026	Screenshot from Apple 2022 WWDC Apple Partners at <a href="https://www.youtube.com/watch?v=q5D55G7Ejs8">https://www.youtube.com/watch?v=q5D55G7Ejs8</a> (20:27)
EX-1027	Apple 2022 WWDC Video Excerpt at <a href="https://www.youtube.com/watch?v=q5D55G7Ejs8">https://www.youtube.com/watch?v=q5D55G7Ejs8</a>
EX-1028	Webpage printout - HID Global - Android Apps on Google Play at <a href="https://play.google.com/store/search?q=HID%20global&amp;c=apps&amp;hl=en_US&amp;gl=US">https://play.google.com/store/search?q=HID%20global&amp;c=apps&amp;hl=en_US&amp;gl=US</a>
EX-1029	Complaint in <i>CPC Patent Technologies Pty Ltd v. HID Global Corporation</i> , WDTX-6-22-cv-01170-ADA, Dkt. No. 1

EXHIBIT	DESCRIPTION
EX-1030	CPC Infringement Allegations re U.S. Patent No. 8,620,039
EX-1031	Deposition Transcript of Dr. Samuel Russ
EX-1032	Second Declaration of S. Lipoff Regarding Invalidity of U.S. Patent No. 8,620,039
EX-1033	European Patent No. EP 0918300B1 to Hsu et al. (“Evans”)
EX-1034	Webpage printout - NFIQ 2 at <a href="https://www.nist.gov/services-resources/software/nfiq-2">https://www.nist.gov/services-resources/software/nfiq-2</a>
EX-1035	Webpage printout – Biometric template explainer at <a href="https://www.biometricupdate.com/202205/biometric-template-explainer">https://www.biometricupdate.com/202205/biometric-template-explainer</a>
EX-1036	J. J. Engelsma, K. Cao and A. K. Jain, “Learning a Fixed-Length Fingerprint Representation,” in IEEE Transactions on Pattern Analysis and Machine Intelligence, vol. 43, no. 6, pp. 1981-1997, 1 June 2021, doi: 10.1109/TPAMI.2019.2961349.
EX-1037	A. K. Jain, S. Prabhakar, L. Hong, and S. Pankanti, “Fingercode: A Filterbank for Fingerprint Representation and Matching,” in Computer Vision and Pattern Recognition, 1999. IEEE Computer Society Conference on., vol. 2, pp. 187–193, IEEE, 1999. 4.
EX-1038	A. K. Jain, S. Prabhakar, L. Hong, and S. Pankanti, “Filterbank-based Fingerprint Matching,” IEEE Transactions on Image Processing, vol. 9, no. 5, pp. 846–859, 2000.

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