

The table set forth below lists patents and published patent applications that have been disclosed to Digital Entertainment Content Ecosystem (DECE) LLC (“DECE”) by its members pursuant to DECE’s patent disclosure policy (collectively, the “Disclosures”). DECE takes no position regarding the validity or scope of the Disclosures. The information is provided “as-is” without representation or warranty of any kind. DECE does not independently confirm any information relating to the Disclosures including, without limitation, the accuracy, completeness, validity, applicability or relevance of the Disclosures or whether or not such rights are essential or non-essential.

Company	Title	Country	Appl. No.	Patent No.	Specification reference, impacted paragraph	Countries Applicable	Declaration Date
Microsoft Corporation	Dynamic Composition of Media	US	12/938747	8782268	System 2.2	US	9/4/2015
Microsoft Corporation	Synchronization aspects of interactive multimedia presentation management	US	11/355209	8799757	System 2.2	US	9/4/2015
Microsoft Corporation	Synchronization aspects of interactive multimedia presentation management	JP	2008-519399	5015149	System 2.2	JP	9/4/2015
Microsoft Corporation	Content package for electronic distribution	US	12/480687	8548946	DECE Ecosystem Specification Version 1.1	US	11/04/2013
Microsoft Corporation	Content package for electronic distribution	US	14/040655		DECE Ecosystem Specification Version 1.1	US	11/04/2013
Panasonic	Methods of Use of XML Schemas for MPEG-n and other IPMP	US	10/493219	7610630	Common File Format & Media Formats	US	7/14/2011
Panasonic	Content Distribution/Protecting Method and Apparatus	US	10/297622	7689823	Common File Format & Media Formats	US	7/14/2011
Panasonic	コンテンツの配信および保護を行なう方法および装置	JP	2001-381406	4311899	Common File Format & Media Formats	JP	7/14/2011

Sonic	Secure Transfer of content to writable media	US		7702592	Discrete Media & System	US & Applicable foreign countries	2/11/2011
DivX	Federated DRM Scheme including Trusted Systems	US		7515710	Coordinator API & System	US	2/11/2011
Microsoft Corporation	MULTIPLE CONTENT PROTECTION SYSTEMS IN A FILE	US	12/485949		Common File Format & Media Formats	US	12/13/2010
Microsoft Corporation	Content Longevity with User Device Domains	US	12/473102		Coordinator API	US	12/13/2010
Microsoft Corporation	MULTIPLE CONTENT PROTECTION SYSTEMS IN A FILE	US	12/485949		Coordinator API	US	12/13/2010
Microsoft Corporation	DECENTRALIZED ACCOUNT DIGEST USING SIGNED ELECTRONIC RECEIPTS	US	12/490328		Coordinator API	US	12/13/2010
Microsoft Corporation	CONTENT PACKAGE FOR ELECTRONIC DISTRIBUTION	US	12/480687		Device	US	12/13/2010
Microsoft Corporation	Content Longevity with User Device Domains	US	12/473102		System	US	12/13/2010
Microsoft Corporation	MULTIPLE CONTENT PROTECTION SYSTEMS IN A FILE	US	12/485949		System	US	12/13/2010
Microsoft Corporation	DECENTRALIZED ACCOUNT DIGEST USING SIGNED ELECTRONIC RECEIPTS	US	12/490328		System	US	12/13/2010
Neulion (held by subsidiary entity, Sonic IP, Inc.)	Systems and Methods for Performing Smooth Visual Search of Media Encoded for Adaptive Bitrate Streaming via Hypertext Transfer Protocol Using Trick Play Streams	US	13/223186	8649669	Common File Format & Media Formats Specification; Common Player Specification; Streaming Protocol Specification	US	9/27/2016

Neulion (held by subsidiary entity, Sonic IP, Inc.)	Systems and Methods For Performing Smooth Visual Search of Media Encoded for Adaptive Bitrate Streaming via Hypertext Transfer Protocol Using Trick Play Streams	US	14/175929	9210481	Common File Format & Media Formats Specification; Common Player Specification; Streaming Protocol Specification	US	9/27/2016
Neulion (held by subsidiary entity, Sonic IP, Inc.)	Video Distribution System Including Progressive Playback	US	11/970493	7886069	Common Player Specification	US	9/27/2016
Neulion (held by subsidiary entity, Sonic IP, Inc.)	Video Distribution System Including Progressive Playback	CN	20088000 7 014.9	ZL20088 000 70149	Common Player Specification	JP	9/27/2016
Neulion (held by subsidiary entity, Sonic IP, Inc.)	Video Distribution System Including Progressive Playback	JP	2009- 04530 -3	5559544	Common Player Specification	JP	9/27/2016
Neulion (held by subsidiary entity, Sonic IP, Inc.)	Video Distribution System Including Progressive Playback	SG	20090453 0 -3	153621	Common Player Specification	SG	9/27/2016
Neulion (held by subsidiary entity, Sonic IP, Inc.)	Video Distribution System Including Progressive Playback	US	12/982413	8977768	Common Player Specification	US	9/27/2016
Neulion (held by subsidiary entity, Sonic IP, Inc.)	Video Distribution System Including Progressive Playback	CN	20131042 9 994.4	ZL20131 042 9994.4	Common Player Specification	CN	9/27/2016
Neulion (held by subsidiary entity, Sonic IP, Inc.)	Video Distribution System Including Progressive Playback	JP	2014- 117349	5894220	Common Player Specification	JP	9/27/2016
Neulion (held by subsidiary entity, Sonic IP, Inc.)	Federated Digital Rights Management Scheme Including Trusted Systems	US	11/685929	7515710	System Specification	US	9/27/2016

Neulion (held by subsidiary entity, Sonic IP, Inc.)	Federated Digital Rights Management Scheme Including Trusted Systems	US	12/411271	8201264	System Specification	US	9/27/2016
Neulion (held by subsidiary entity, Sonic IP, Inc.)	Federated Digital Rights Management Scheme Including Trusted Systems	US	13/489409	8656183	System Specification	US	9/27/2016
Neulion (held by subsidiary entity, Sonic IP, Inc.)	Federated Digital Rights Management Scheme Including Trusted Systems	US	14/183360	9184920	System Specification	US	9/27/2016
Neulion (held by subsidiary entity, Sonic IP, Inc.)	Federated Digital Rights Management Scheme Including Trusted Systems	JP	2009- 500592	5200204	System Specification	JP	9/27/2016
Neulion (held by subsidiary entity, Sonic IP, Inc.)	Federated Digital Rights Management Scheme Including Trusted Systems	SG	20080668 3 -9	146026	System Specification	SG	9/27/2016
Neulion (held by subsidiary entity, Sonic IP, Inc.)	Systems and Methods for Saving Encoded Media Streamed Using Adaptive Bitrate Streaming	US	13/436922	8964977	Common Player Specification	US	9/27/2016