



March 14, 2019

VIA EMAIL AND FEDERAL EXPRESS

Managing Director of Khronos
Khronos Group Inc.
9450 SW Gemini Drive
#45043
Beaverton, OR 97008

RE: Disclosure Certificate for OpenXR

Dear Sir or Madam:

By email dated January 31, 2019, Khronos started a Ratification Review Period for the OpenXR 0.9 Provisional Specification and associated KHR extensions. Apple hereby submits this IP Disclosure Certificate identifying in Exhibit A those patent assets that Apple believes contain one or more claims that would likely be Necessary Patent Claims to OpenXR 0.9.

Apple has excluded itself from the OpenXR Working Group and has not participated in the OpenXR Working Group. Apple has no default licensing obligation to the Open XR 0.9 Provisional Specification and associated KHR extensions. To the extent any patent assets set forth in Exhibit A or owned by Apple now or in the future, or any amendments, continuations, divisional, continuations- in-part, re-issues or foreign counterparts thereof, contain Necessary Patent Claims, Apple does not agree to make available a Reciprocal License to such Necessary Patent Claims for the OpenXR 0.9 Provisional Specification or any other version of the OpenXR Specification.

Apple reserves all rights in its intellectual property and does not agree to grant any license relative to any version of OpenXR.

Any questions regarding this communication should be directed to:

Apple
One Apple Park Way,
MS 169-3IPL
Cupertino, CA 95014
T: 408-996-1010
F: 408-996-0275



EXHIBIT A

U.S. Patent, App., or Pub #	Technology	Applicable OpenXR Sections
US 2018-0081178 A1	Predictive, Foveated Virtual Reality System	10.3
US 2018-0234700 A1	Processing Equirectangular Object Data to Compensate for Distortion by Spherical Projections	12.7