



MODEL QUESTIONNAIRE FOR INDUSTRY ON THE DESIGN OF OBJECTS FOR IP RIGHTS PROTECTION USING 3D MODELS

Glossary

3D model	An electronic file that is created by specialized software, for mathematically representing the surface of an object in three dimensions
3DS	A file format used by the Autodesk 3ds Max 3D modeling, animation and rendering software
DWF	Design Web Format
DWG	A file format widely used for CAD drawings
IGES	Initial Graphics Exchange Specification
OBJ	An open geometry vertex file format used for CAD and 3D printing
Raster image	An image that is composed of a map of points (pixels), referred to as a bitmap. Typical file formats for raster images include JPEG, TIFF, PNG and BMP
STL	Standard Tessellation Language - a file format native to the stereolithography CAD software created by 3D Systems
STEP	Standard for the Exchange of Product model data – an open ISO Standard which can represent 3D objects in Computer-aided design (CAD) and related information
Vector graphics	An image file that is composed of shapes formed of mathematical formulas and coordinates on a 2D plane. As opposed to raster images, vector graphics have the property of scaling infinitely without any degradation of quality
X3D	Successor of VRML, an Open ISO Standard XML format

Q1. Is your Organization interested in filing to an Intellectual Property Office three-dimensional electronic models as a part of application for visual representation of your objects for IP Rights protection? This may be in addition to or in place of any two-dimensional images (drawings, photos, etc.) in your application.

Yes No Not sure

Other (please specify):

Q2.1. Does your Organization currently create/design objects for IP Rights protection or their visual representations in 3D formats?

Yes No

Other comments (please specify):

Q2.2. Which objects for IP Rights protection does your Organization create/design using 3D formats for their representation?

- Trademarks
 - Industrial designs
 - Inventions
 - Utility models
 - Integrated circuit topology
 - Other (please specify):
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Q2.3. If your Organization does create/design objects for IP Rights protection using 3D formats for their visual representation, please, specify file formats (e.g. OBJ, STL, X3D) for:

a) Trademarks (list of formats):

b) Industrial designs (list of formats):

c) Inventions (list of formats):

d) Utility models (list of formats):

e) Integrated circuit topology (list of formats):

f) Other (list of formats, please specify):

Q2.4. If your Organization does create/design objects for IP Rights protection using 3D formats for their visual representation, please, specify software tools (i.e. CAD systems, design editors, viewer tools etc.) for:

a) Trademarks (list of tools):

b) Industrial designs (list of tools):

c) Inventions (list of tools):

d) Utility models (list of tools):

e) Integrated circuit topology (list of tools):

f) Other (list of tools, please specify):

Q3.1. Does your Organization consider creating/designing objects for IP Rights protection or their visual representations in 3D formats in the future? If your Organization does not consider using 3D models and images for representation of its objects for IPR protection in the future, what is the reason and what are your concerns?

Yes No Not sure

Other comments (please specify):

Q3.2. Which types of IP Rights does your Organization consider creating/designing objects for in 3D formats?

- Trademarks
- Industrial designs
- Inventions
- Utility models
- Integrated circuit topology
- Not sure
- Other (please specify):

Q3.3. If your Organization consider creating/designing objects for IP Rights protection or their visual representations in 3D formats in the future, please, specify file formats for:

a) Trademarks (list of formats):

b) Industrial designs (list of formats):

c) Inventions (list of formats):

d) Utility models (list of formats):

e) Integrated circuit topology (list of formats):

f) Other (list of formats, please specify):

Q3.4. If your Organization considers creating/designing objects for IP Rights protection or their visual representations in 3D formats, please, specify tools (i.e. CAD systems, design editors, viewer tools etc.) that could be used for that purpose for:

a) Trademarks (list of tools):

b) Industrial designs (list of tools):

c) Inventions (list of tools):

d) Utility models (list of tools):

e) Integrated circuit topology (list of tools):

f) Other (list of tools, please specify):

Q4. Please, specify 3D formats that, in your opinion, also could be used for filing 3D models and images as visual representations of objects for IP Rights protection (except those that used to create objects for IP Rights protection):

a) Trademarks (list of formats):

b) Industrial designs (list of formats):

c) Inventions (list of formats):

d) Utility models (list of formats):

e) Integrated circuit topology (list of formats):

f) Other (list of formats, please specify):

Q5. Other comments and suggestions:
