

WHAT IS CLAIMED IS:

1. A playground structure comprising:
 - a frame; and
 - a plurality of panels coupled to the frame so as to form at least the majority of regular polygon surfaces included in a uniform polyhedral solid.
2. The playground structure of claim 1, wherein the frame is substantially tubular.
3. The playground structure of claim 2 wherein the frame includes multiple pieces joined together into a continuous loop.
4. The playground structure of claim 1 wherein the uniform polyhedral solid is a truncated octahedron.
5. The playground structure of claim 4 wherein the uniform polyhedral solid is an Archimedean polyhedron.
6. The playground structure of claim 1, further comprises a support device that causes the frame to be vertically offset from the ground.
7. The playground structure of claim 1, wherein at least one of the plurality of panels includes an opening large enough for a person to crawl through.
8. The playground structure of claim 1 wherein at least one of the plurality of panels includes an entryway to an interior of a different polyhedron play structure.
9. The playground structure of claim 1, further comprising a tunnel attached to proximate the frame.
10. A playground structure comprising:
 - a portion of a frame having no corners; and
 - at least two at least substantially polygon shaped panels attached to the portion of the frame such that the panels are oriented at an angle relative to one another.
11. The playground structure of claim 10 wherein one of the panels includes an opening large enough for a person to pass through.
12. The playground structure of claim 10, wherein the portion of the frame having no corners is formed from a plurality of individual straight and bent frame components.
13. The playground structure of claim 12, wherein the plurality of straight or bent frame components are welded together.

14. The playground structure of claim 12, wherein a set of the plurality of straight or bent frame components are welded together prior to final installation.
15. The playground structure of claim 1, wherein the portion of the frame having no corners is part of a complex geometric frame.
16. A playground structure, comprising:
 - a frame;
 - at least two separate polygon panels attached to the frame in a three-dimensional configuration.
17. The playground structure of claim 16, further comprising tunnel having an opening proximate to the frame.
18. The playground structure of claim 16, wherein the frame is a continuous frame.
19. The playground structure of claim 16, wherein at least two separate polygon panels include enough panels to form at least half of a polyhedron.
20. The playground structure of claim 16, wherein the frame is configured to support enough panels to create at least half of an Archimedean polyhedron.