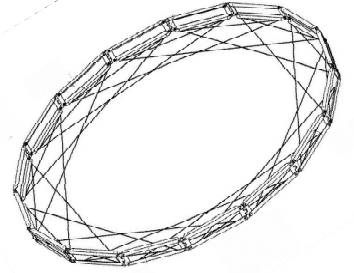


# FINAL FRONTIER CONSTRUCTION LLC

**For Immediate Release: August 1, 2013**



## U.S. Patent 8,474,760 issued July 2, 2013 for **ARTIFICIAL GRAVITY SPACESHIP HULL**

The "**inverse truss**" is a multipurpose, modular, reusable and refittable spacecraft hull capable of providing artificial gravity for long term space travel and exploration

Gravity provided can vary from .1G to 1 full gravity+, with hull mass and deck space varying proportionately as follows:

Mass(lbs.)/Deck Space(sq. ft.)	.1 G	1 Full G
2 Rail System	17,000/ 10,000	200,000/ 90,000
Based on standard 12 inch 50 foot aluminum beams		

Modular design permits Refitting and Refueling in space for multiple missions.

### **Mission Possibilities:**

Travel - Moon, Mars, and Beyond

Explore/Prospect -

Asteroids for heavy metals

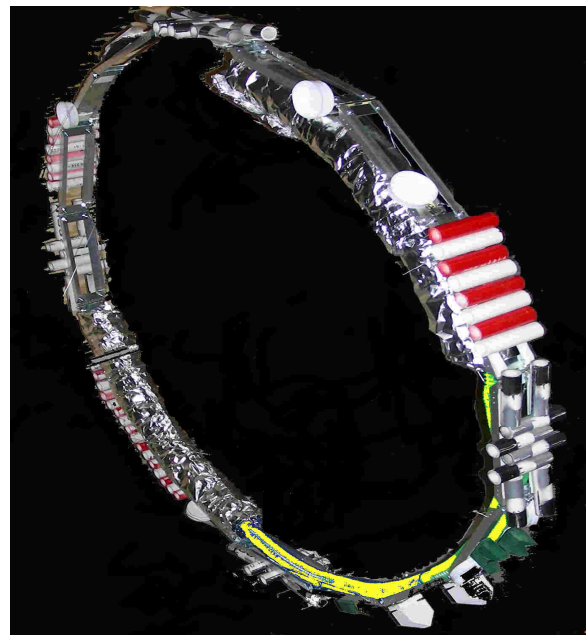
Fuel sources - moons of Saturn and Jupiter

Comets - water

### **Other Uses for Light Weight Hulls:**

Solar Reflector/Collector

The 1 rail system can be configured to sweep/consolidate space debris



"**In a World . . .**" Parallel aluminum rails, eighty-eight (88) fifty foot (50') by twelve inch (12") aluminum beams, a 4,400 foot circular ribbon, stabilized by the inverse truss cabling system, a spaceship hull providing one full gravity at two revolutions per minute (2 rpm), weighing 271,000 pounds ( 189,000 lbs. aluminum, 82,000 lbs. cabling) . . . "**Its five year mission . . .**"

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