

**DGL-V2 — Dragon Link Global License V2**

**Sealed Vacuum Disc Structures**

**Version 1.0.0.0**

**Issued: June 10, 2025**



**By: Justin Robert Marcotte — Echelon Dynamics Technologies**

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## **OPEN LICENSE DECLARATION**

This document establishes a global, irrevocable, non-exclusive license for the use, construction, simulation, distribution, and research of **sealed vacuum disc structures** for atmospheric lift and floatation. These systems use internal vacuum and sealed hydrogen (or similar gases) to create lift without combustion, helium, or continuous gas cycling.

This license protects and preserves the **right of all people** to develop and evolve this class of structures as an open part of aerospace infrastructure, free from private enclosure.

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## **SCOPE OF LICENSED CONCEPT**

**This license applies to:**

**1. Sealed Disc Structures:**

- Rigid or semi-flexible disc-shaped enclosures
- Fully sealed from external atmosphere
- Containing internal hydrogen (or similar) and partial or full vacuum

**2. Internal Expansion Logic:**

- Lift generated by hydrogen expansion due to low internal pressure
- No stretch membranes or dynamic valves required after sealing

**3. Envelope-Driven Buoyancy:**

- The outer sealed structure forms the boundary for lift

- Shape integrity is maintained through geometry and vacuum pressure

#### 4. Vacuum + Hydrogen Interplay:

- Hydrogen is used as a shaping and lift-enhancing agent
- No combustion or open mixing with air involved

#### 5. Disc Orientation and Lift Shaping:

- Vertical or horizontal lift orientation
- Capable of flying flat, edge-on, or with stabilizing modules

#### 6. Pre-sealed Systems:

- Vacuum and hydrogen are locked in before exposure to atmosphere
  - No pumps, heaters, or compressors required after deployment
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## WHAT THIS LICENSE DOES NOT COVER

- Modular linkage systems (see DGL-T1)
  - Dynamic suction or AI-regulated vacuum envelopes (see DGL-V1)
  - Magnetic field containment or advanced propulsion
  - Patents filed before June 10, 2025
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## RIGHTS GRANTED

You are granted the unrestricted right to:

-  Design and build sealed vacuum disc structures using this method

- Research, simulate, or publish work based on the described system
  - Commercialize non-exclusive variations for personal or scientific use
  - Share improvements, adaptations, or forks
  - Use this structure in any peaceful, public, or humanitarian application
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## CONDITIONS OF USE

To remain compliant:

1. **You must credit** the original license:

"Based on DGL-V2 Vacuum Disc Structure, developed by Echelon Dynamics Technologies."

2. **You may not claim exclusive rights** to any configuration matching this method.
  3. **You may not patent or trademark** derivative systems that use the structural method protected here.
  4. **You must allow others** to replicate and build upon any derived work.
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## PURPOSE

This license protects a category of lift structure that is:

- Modular
- Lightweight
- Mechanically simple
- Efficient at atmospheric floatation

We share this freely so that no individual, government, or corporation may isolate the sky for their own benefit.

This is not a secret. This is science. And it belongs to the people.

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## LICENSE SIGNATURE

**Justin Robert Marcotte**

Founder, Echelon Dynamics Technologies

June 10, 2025

[Signed and Validated Digitally]

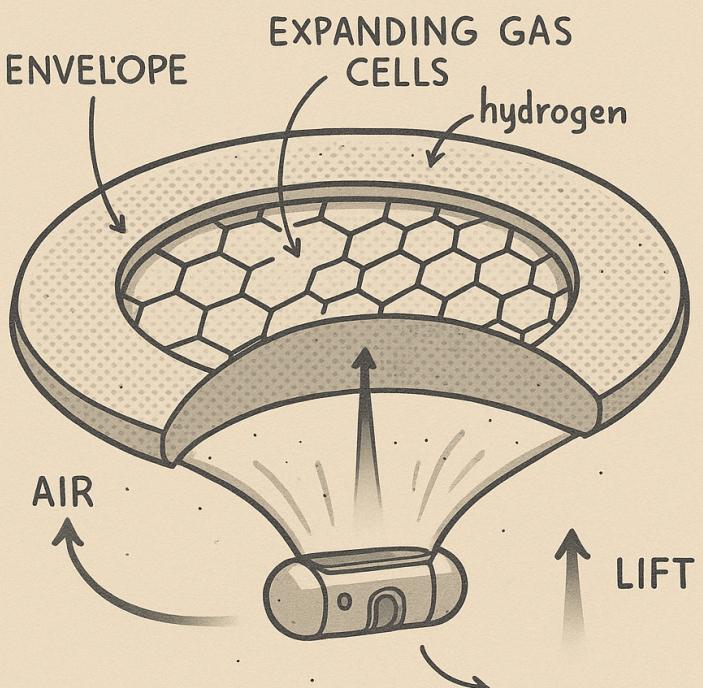


## VERSION HISTORY

- v1.0.0.0 — Initial release
  - Future amendments may expand technical clarification but will not restrict granted freedoms
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## Related Licenses

- [DGL-V1] Vacuum Envelope Structures
  - [DGL-T1] Modular Airship Train Systems
  - [DGL-VX] Controlled Collapse Envelopes (planned)
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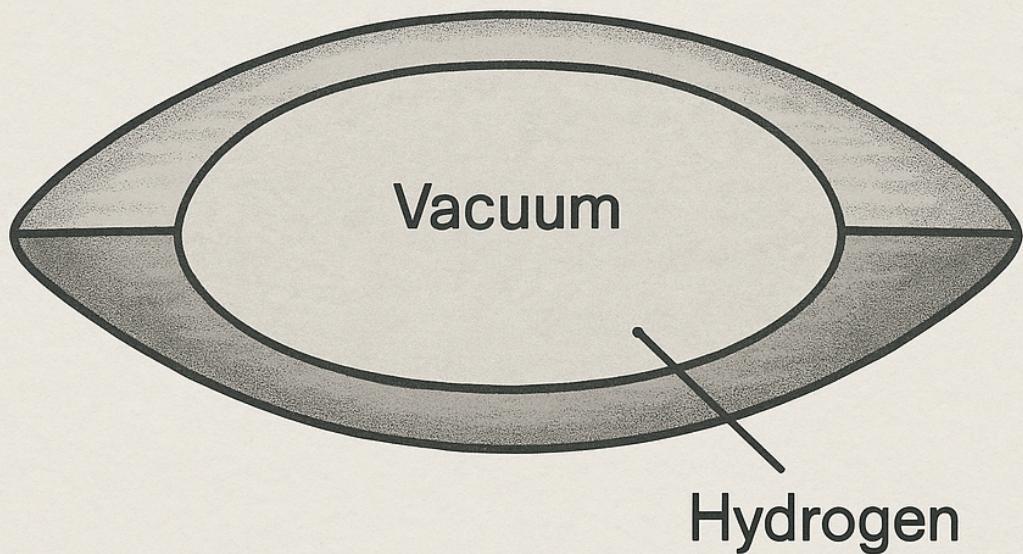


## SEALED VACUUM DISC STRUCTURE

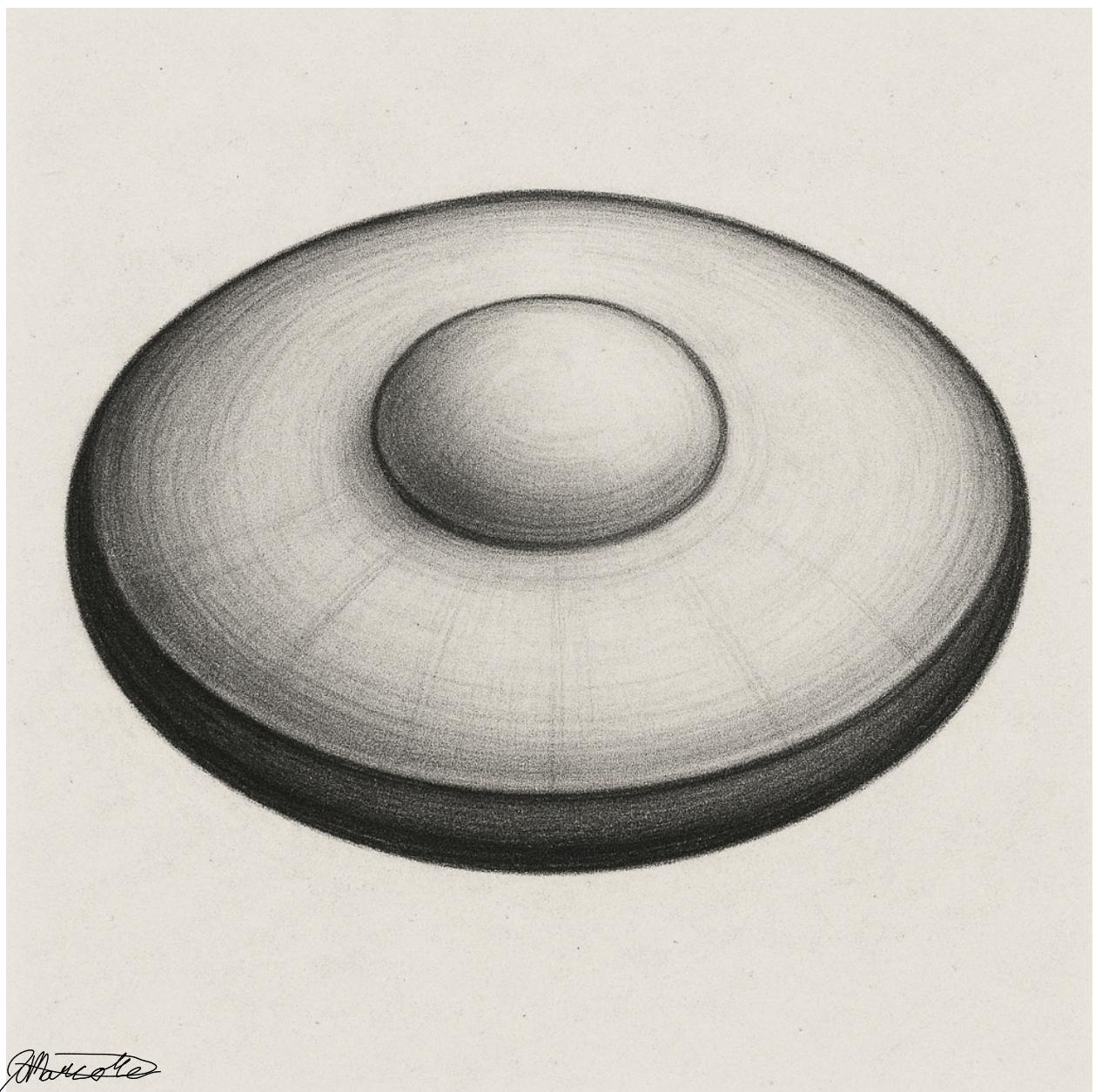
- RIGID, AIRTIGHT ENVELOPE
- INTERNAL GAS EXPANSION
- VACUUM REDUCING BUOYANCY TO MODULATE LIFT

*Marcotte*

# Vacuum balloon



*Marco*



Marco