

# Inventor's Resume (2025–2026)

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## Selected Inventions & Patent Filings (2025–2026)

### AI Governance, Recursive Intelligence & Identity Systems

- **Omnibus AI Governance Architecture (2025)** — Integrated governance stack for high-stakes AI systems including rule-verification, cryptographic auditability, safety enforcement layers, and controlled generation pipelines.
- **Recursive Semantic Intelligence (RSI) System & Addenda (2025)** — Recursive cognition and semantic reinforcement framework incorporating observer-aligned constraints, error prediction, and control-theoretic governance extensions.
- **Attested Enforcement Plane (AEP) for RSI (2025)** — Trusted execution/attestation layer for policy-verified inference with credentialed output guarantees and runtime enforcement.
- **Recursive Identity Vault (RIV) (2025)** — Identity persistence and semantic continuity system enabling structured self-reconstruction, encrypted journaling, and observer-consistent recall.
- **Governed AI Serving + Decryptability Fidelity Gate (2025)** — Safety serving architecture validating semantic fidelity and enforcing compliance constraints via bounded edits, proof artifacts, and failure-map correction.
- **Q-Theorem Symbolic Law Kernel (Q0–Q40) (2025–2026)** — Formal constraint system and proof-guided verifier defining consistent semantic interpretation, policy enforcement, and recursion control.

### Cryptography & Post-Quantum Security

- **Symbolic Decryptability Puzzle (SDP<sub>n</sub>) (2025)** — Cryptographic primitive designed for quantum-resistant hardness, symbolic perturbation tolerance, and verifiable decryptability properties.

### Fusion & Plasma Physics

- **Möbius Z-Pinch Fusion Reactor (2025–2026)** — Compact closed-loop Z-pinch architecture using Möbius topology to disrupt low-mode instabilities (kink/sausage families) and increase pinch repeatability.

### Spacetime Propulsion & Metric Engineering

- **Tri-Modal Warp Drive System (2025–2026)** — Multi-architecture propulsion framework integrating modular metric shaping approaches under a unified control stack.
- **Unified Field–Amplified Warp Drive (UFWD) (2025–2026)** — Omnibus warp-drive architecture incorporating resonant field amplification, stabilization feedback, and geometry-driven efficiency improvements.
- **Torsion-Enhanced Physical Warp Drive (TEPWD) (2025–2026)** — Metric engineering concept using bounded torsion coupling as an efficiency mechanism for field-generated spacetime

curvature control.

- **Recursive Double Möbius Warp Drive (RDMWD) (2025–2026)** — Double-Möbius recursive geometry configuration for field recirculation, enhanced confinement of metric perturbations, and improved stability.
- **Anisotropic Torsion Flux Drive (ATFD) (2025–2026)** — Modular torsion-field drive concept with asymmetric flux shaping and controlled field gradients.
- **CRT Warp Engine / Prometheus CRT System (2025–2026)** — Resonant torsion-driven core engine referenced as a foundational subsystem across multiple warp/temporal filings.

### Time, Causality & Temporal Systems

- **Chronosuit (2025–2026)** — Wearable spacetime navigation interface integrating stabilization, sensing, and modular drive docking into a human-scale system.
- **Möbius Time Machine (2025–2026)** — Non-orientable torsion amplification and detection system using topology-driven recursion for bounded time-offset experimentation.
- **Möbius Superfluid Torsion Engine (MSTE) (2025–2026)** — Superfluid-circulation torsion system using Möbius topology, framed as a compact temporal engine addendum.
- **Causal Lens Time Machine (2025–2026)** — Informational retrocausal system using delay structures and inference gating to simulate controlled causal-loop effects.
- **Caduceus Reversal Engine (CRE) (2025–2026)** — Dual-helix torsion engine architecture designed for entropy modulation and bounded temporal-phase manipulation studies.

### Biomedical Diagnostics & Human Performance

- **MitoVivo Multi-Modal Mitochondrial Diagnostic System (2025)** — Optical diagnostic device combining multi-spectral signals for mitochondrial health scoring and predictive biometrics.
- **MitoVitalWand Handheld Mitochondrial Diagnostic Device (2025–2026)** — Portable tri-modal assessment system (NIRS + Raman + fluorescence lifetime) producing mitochondrial indices and forward health risk estimates.

### Experimental Physics Platforms & Instrumentation

- **Möbius-Phononic Resonator (2025–2026)** — Möbius topology resonator system for analog gravity / frame-dragging investigation via recirculating phononic-optical pathways.

### Additional Unfiled / Research Framework Contributions (2025–2026)

- **MFHD Warp Drive (Unpatented, 2025–2026)** — Experimental architecture concept for compact field-driven propulsion modeling and system design exploration.
- **Q' / QPrime Extensions (2025–2026)** — Extension framework expanding Q-theorem law sets and recursive semantic stability conditions.
- **Encryption Thesis (Concept Framework, 2025–2026)** — Conceptual research thesis defining encryption and semantic identity persistence, maintained as a working theory rather than a discrete invention.

## Portfolio Totals (Tracking)

- Patent / provisional invention families listed: 24
- Unfiled frameworks / research systems: 3
- Grand total items shown: 27