

# FORGE-LIVE MULTIVERSE: DECENTRALIZED PROTECTION SYSTEM WITH DUAL-VAULT FORENSIC-GRADE ARTIFACT GENERATION AND LIVE INNOVATION STATIONS

## PROVISIONAL PATENT APPLICATION

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Subject: Decentralized Protection Architecture, Dual-Vault Innovation System, and Forensic-Grade Artifact Creation Process

**ABSTRACT** This invention relates to a decentralized protection architecture enabling live, continuous creation of forensic-grade innovation artifacts within a dual-vault environment. The system provides a public evidentiary vault for timestamped, non-derivable metadata and a private vault for sealed trade-secret logic. Innovation occurs through station-based environments that generate timestamped artifacts, continuity-anchored event logs, and multi-vertical archival records. The architecture enables real-time creation, protection, and evolution of ideas, code, governance models, tokenomics structures, and digital assets while maintaining sovereign control and trade-secret integrity.

## FIELD OF THE INVENTION

This invention relates to decentralized digital protection systems, forensic-grade artifact generation, dual-vault architectures, and live innovation environments. It defines a new category of protected, station-based, real-time creation ecosystems.

## BACKGROUND OF THE INVENTION

Describe the problem space:

- Existing systems lack real-time protection
- Blockchain is public but not private
- Creator platforms lack sovereignty
- IP systems are slow, reactive, and fragmented
- No system enables live creation with simultaneous trade-secret protection

## SUMMARY OF THE INVENTION

Summarize your architecture:

- Dual-vault system (public evidentiary vault + private trade-secret vault)
- Forensic-grade artifact creation
- Station-based innovation environments
- Multi-vertical archival preservation
- Live build + continuity anchoring

- Silk Road trade-secret route
- Category-level decentralized protection

## **BRIEF DESCRIPTION OF THE DRAWINGS**

If you include diagrams, list them here.

If not, write:

“No drawings are included in this provisional application.”

## **DETAILED DESCRIPTION OF THE INVENTION**

This is where you paste your architecture.

Use these subsections:

### **1. Dual-Vault Architecture**

Describe public vault vs private vault.

### **2. Forensic-Grade Artifact Engine**

Describe event logs, timestamps, hashes, continuity.

### **3. Station-Based Innovation Grid**

Describe creation stations, live build stations, training stations, etc.

### **4. Multi-Vertical Archival System**

Describe how artifacts are mirrored across vaults.

### **5. Silk Road Trade-Secret Route**

Describe how creators build publicly while keeping logic sealed.

### **6. Live Innovation Civilization**

Describe the ecosystem, governance, tokenomics, and long-term evolution.

## **CLAIM (Optional — 1 broad claim)**

You only need **one** broad claim for timestamp purposes:

**CLAIM 1:**

A decentralized protection system comprising a dual-vault architecture with a public evidentiary vault and a private trade-secret vault, a station-based innovation environment for generating forensic-grade artifacts, and a continuity-anchored archival process enabling real-time creation, protection, and evolution of digital innovations.