

ENTIFY Patent Portfolio Plan

A Master Patent Strategy Covering a New Global Identity Operating System

1. OVERVIEW OF ENTIFY'S PATENT POSITION

ENTIFY is not one invention—it is a stack of interlocking breakthroughs:

- Conscious biometric cryptography
- Affidavit identity & quantum-resilient authentication
- Identity vault hardware (EntiCard)
- Secure mobile identity wallet (EntiPhone)
- Proofless MeshNet blockchain
- Location-verified consensus
- Personal Protection System (anti-coercion system)
- Elerium physical asset tagging
- ENTOKEN economy & gold-tagging protocol
- Abundance insurance pool
- Continuous identity presence protocol
- Device-to-device identity continuity
- Multi-layer coercion-resistant encryption

Each is independently patentable.

Taken together, the portfolio is unassailable.

Total recommended patents: 22–34 separate patent filings (initially via 4–6 provisional patents).

2. PORTFOLIO STRUCTURE

The portfolio is divided into 7 protection clusters, each containing multiple patent families.

CLUSTER A — Conscious Cryptography & Identity Foundations

Patent Family A1 — Conscious Biometric Cryptography
Claims cover:

- Multi-dimensional biometric state inputs
- Conscious-state-linked cryptographic key generation
- Temporal-state cryptographic variance
- Identity-linked entropy modelling
- Non-fungible identity signature (NFI-Signature)

Patent Family A2 — Affidavit Identity Framework

- Identity attestation with self-executing affidavit
- Proof-of-continuity identity state machine
- Identity-context hashing for cross-device sync

Patent Family A3 — Quantum-Resilient Identity Binding

- Q-secure entropy pool
- State-indexed ephemeral key rotation
- Quantum-safe mesh identity propagation

CLUSTER B — ENTICARD & ENTIPHONE DEVICES

Patent Family B1 — EntiCard: Identity Vault + Secure Access Card
Covers:

- Dual-chip identity vault
- Tamper-reactive memory decay
- Conscious biometric pairing mechanism
- Dual-purpose banking and secure access card
- Continuous presence confirmation

Patent Family B2 — EntiPhone: Personal Identity Computer

- Daily wallet + identity device fusion

- MeshNet synchronisation
- Secure biometric state sensing
- Coercion-triggered identity lockdown
- Proximity-activated EntiCard unlock protocol

Patent Family B3 — Cross-Device Identity Continuity Layer

- Proximity graph
- Multi-device presence confirmation
- Cross-device anti-coercion replication



CLUSTER C — PROOFLESS MESHNET BLOCKCHAIN

Patent Family C1 — Proofless Consensus Protocol

Novel claims:

- Location-verified consensus (geo-triangulated)
- Identity-anchored block creation
- Zero-work, zero-stake consensus
- Identity quorum trust model

Patent Family C2 — Identity-Bound Routing Layer

- Self-healing swarm routing
- Device-attested chain replication
- Quantum-safe link inference

Patent Family C3 — Anonymous-but-conscious verification

- Masked identity signatures
- Context-dependent reveals
- Non-correlatable presence proofs



CLUSTER D — PERSONAL PROTECTION SYSTEM (THE “UNBREAKABLE” LAYER)

Patent Family D1 — Multi-stage Anti-Coercion Cryptography

- Distress-state signal patterns
- Coercion-triggered key exhaust
- Hidden partition release system
- Reversible decoy identity

Patent Family D2 — Contextual Safety Protocol

- Location + biometric + cognitive context
- Social proximity safety graph
- Emergency-triggered mesh consensus alarm

Patent Family D3 — Self-Custody Auto-Recovery System

- Chain-mobility identity reconstruction
- Multi-social-node key recovery
- Dual-context recovery authorisation

CLUSTER E — ELERIUM TAG & PHYSICAL ASSET CRYPTOGRAPHY

Patent Family E1 — Elerium Physical Asset Tagging

- Near-field atomic-resonance ID
- Identity-bound asset anchoring
- Geo-locked tag registration
- Mesh-verified asset movement trail

Patent Family E2 — Dynamic Ownership Signature

- Device-to-asset linking protocol
- Multi-owner transfer through affidavit identity
- Coercion-safe asset freeze

CLUSTER F — ENTOKEN ECONOMY (GOLD-TAGGED TOKEN + ABUNDANCE MODEL)

Patent Family F1 — Gold-Tagged Token Protocol

- Real-world atomic tagging
- Mesh-verified physical gold anchoring
- Dynamic proof-of-presence auditing
- Entropy-linked token supply stability

Patent Family F2 — Abundance Economy Insurance System

- Collective insurance fund algorithm
- Identity-weighted payout system
- Zero-fraud claims using affidavit identity
- Use-based risk prediction

CLUSTER G — OPERATING SYSTEM FOR LIVING IDENTITIES

These patents define ENTIFY as an entirely new OS layer.

Patent Family G1 — Living Identity Operating System (LI-OS)

- Identity-centric OS architecture
- Real-world events as system interrupts
- Conscious-context permissions
- Identity–location state machine

Patent Family G2 — Ontological Identity Graph

- Dynamic identity relations
- Contextual access control
- Life-cycle identity evolution
- Persistent but cryptographically variable self

3. RECOMMENDED FILING STRATEGY

To minimise cost and maximise priority protection:

Phase 1 — Immediate (Month 0–1)

File 4 master provisional patents containing the entire IP system:

1. Conscious Cryptography + Identity System (A1, A2, A3)
2. Devices + Anti-Coercion System (B1, B2, B3, D1, D2, D3)
3. Proofless MeshNet Blockchain (C1, C2, C3)
4. Elerium + ENTOKEN + Abundance Model (E1, E2, F1, F2)

These create a legally binding priority date for ALL inventions.

Phase 2 — Expansion (Month 3–8)

Draft into 12–18 separate non-provisional utility patents, each with strong detailed claims.

Phase 3 — International Protection (Month 10–12)

File a single PCT patent application covering all families.
This gives global recognition.

Phase 4 — National Phase (Year 2–3)

Select key jurisdictions:

- US
- UK
- EU
- Singapore
- UAE
- Japan
- South Korea

This covers 85–90% of global enforceability.

4. WHY THIS PORTFOLIO IS UNMATCHED

This portfolio:

- Creates multi-layer protection

- Covers hardware, software, cryptography, protocols, and economic constructs
- Prevents competitors from building even partial equivalents
- Creates an “IP moat” that is practically uncrossable
- Makes ENTIFY appear as an entirely new industry category, not just a product

Most importantly:

No competitor could recreate the ENTIFY system without infringing at least 6–10 patent families.