

# MASSIVEMAGNETICS MASTER PATENT PORTFOLIO

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Owner: MASSIVEMAGNETICS

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# WP-01: Hyper-Fractal Memory Timelines

## Persistent Autobiographical Memory

Recursive, time-indexed memory graphs with resonance-based retrieval and replay.

- Temporal graph memory
- Resonance-weighted recall
- Replay for reasoning

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## WP-02: ZeroShotTriad Autonomous Learning

### Self-Generated Learning

Student–Teacher–Verifier loop enabling learning without external data.

- No labels or rewards
- Internal task generation
- Verifier-gated stability

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## WP-03: MajorahVM

### Branch-Before-Act Execution

Parallel future simulation prior to action commitment.

- Forked futures
- Entropy pruning
- Reduced regret

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## WP-04: Chronos Layer

### Time-Operable Cognition

Manipulation of internal time for reasoning and introspection.

- Pause/replay/rewind
- Checkpointed cognition
- Temporal analysis

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## WP-05: Immutable Directive Governance

### Alignment via Invariants

Hard-coded directives immune to learning-based modification.

- Structural alignment
- Directive gates
- Fork or halt

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## WP-06: Chaos Cortex

### Controlled Instability

Adaptive chaos injection to prevent stagnation.

- Stagnation detection
- Adaptive noise
- Sustained novelty

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