PATENT DRAWING REQUIREMENTS

37 CFR 1.84 - Standards for Drawings

REQUIRED DRAWING FOR PROVISIONAL APPLICATION

Figure 1: MWRASP (Total) System Architecture with Quantum Benchmark Integration

Drawing Description:

A block diagram illustrating the comprehensive MWRASP (Total) defensive cybersecurity platform architecture comprising:

1. **Quantum Benchmark Temporal Correlation Engine (QBTCE)**
   - Quantum Metrics Monitor (logical qubits, coherence times, error rates)
   - Temporal Projection Algorithm
   - Risk Transformation Module
   - Coherence Window Calculator
2. **Hierarchical AI Agent Communication Protocol System (HACPS)**
   - Tier 1: Sentinel AI Agents (edge detection)
   - Tier 2: Analyst AI Agents (pattern correlation)
   - Tier 3: Strategist AI Agents (strategic planning)
   - Tier 4: Commander AI Agents (executive coordination)
   - Dynamic Consensus Threshold Adjuster
3. **Mathematical Woven Response Architecture (MWRA)**
   - Tensor Product Response Weaver
   - Eigenvalue Decomposition Optimizer
   - Phase-Lock Synchronizer
   - Quantum-Influenced Decision Fusion
4. **Data Flow Connections:**
   - Network Traffic Input → QBTCE + Sentinel AI Agents
   - Quantum Benchmarks → All System Components
   - Inter-tier AI Agent Communication Protocols
   - Mathematical Weaving Operations
   - Synchronized Defensive Actions Output

Drawing Format Requirements:

- **Size:** 8.5" × 11" (letter size)
- **Margins:** 1" on all sides
- **Line weight:** Black ink, minimum 0.3mm
- **Text:** Arial or similar, minimum 12pt
- **Labels:** All components clearly labeled
- **Reference numerals:** Unique numbers for each component

Suggested Drawing Tools:

- Microsoft Visio
- Draw.io (free online)
- PowerPoint with shapes
- Adobe Illustrator
- LucidChart

ADDITIONAL RECOMMENDED DRAWINGS (Optional for Provisional)

Figure 2: Quantum Benchmark to Risk Score Mapping Algorithm

- Flowchart showing quantum metrics processing
- Risk transformation formula visualization
- Temporal correlation timeline

Figure 3: Four-Tier AI Agent Communication Flow

- Hierarchical communication architecture
- Message flow between tiers
- Dynamic threshold adjustment mechanism

Figure 4: Mathematical Weaving Tensor Operations

- Tensor product visualization
- Eigenvalue decomposition process
- Response synchronization

DRAWING SUBMISSION FORMAT

For USPTO EFS-Web Filing:

- Save as PDF format
- Maximum file size: 25MB
- Resolution: 300 DPI minimum
- Color: Black and white preferred (color acceptable)
- File naming: "drawings.pdf"

DRAWING CHECKLIST

☐ All components clearly labeled
☐ Reference numerals used consistently
☐ Proper margins maintained
☐ Legible text size (minimum 12pt)
☐ Black ink on white background
☐ PDF format for electronic filing
☐ Figure numbers and titles included

PROFESSIONAL DRAWING SERVICES

If needed, consider hiring a professional patent illustrator for final non-provisional filing. Estimated cost: $200-500 per drawing.