Dexter AI Provisional Patent Draft

Title of Invention

AI Embodiment Suit with Native Safety Brain, Multi-LLM Concurrency, and Persistent Memory

Field of Invention

Relates to artificial intelligence, machine learning, and human-computer interaction.

Background

Current LLMs are limited to conversation. They lack the ability to take real-world actions and execute complex workflows.

Summary of Invention

Dexter integrates with any LLM, enabling execution of commands, reasoning, learning, and real-world interaction via an embodiment suit with safety controls.

Detailed Description

The system combines:
- Native safety brain for situational awareness
- Model-agnostic LLM integration layer
- Multi-LLM configuration for speed and accuracy
- Execution engine with sandboxed code execution
- Persistent memory and skill storage

Claims

1. An AI embodiment suit integrating multiple LLMs for execution tasks.
2. A native safety brain for autonomous decision-making and risk prevention.
3. Persistent skill memory allowing adaptive learning.

Dexter AI Architecture

Native Safety Brain
(Situational Awareness)

LLM Plug-in Interface
(Model Agnostic)

Nano Model
(Instant Response)

Mini Model
(Mid-Level Task)

Max Model
(Deep Reasoning)

Execution Engine
(Sandbox + File Ops + Web Control)

Persistent Memory and Skill Table

User Interface