FIG. 1 - ADAPTIVE AI ORCHESTRATION SYSTEM ARCHITECTURE

MWRASP DEFENSIVE AI AGENT PLATFORM

FINANCIAL TRANSACTION INPUT LAYER
Incoming Transactions from Multiple Financial Institutions
100

102 **TRANSACTION DECOMPOSITION ENGINE**

104 Metadata Analyzer | **106** Amount Processor | **108** Identity Extractor | **110** Validation Parser

112 **AI PROTOCOL SELECTION MATRIX**

114 Reinforcement Learning Model | **116** Feature Vector Mapping | **118** Synergy Factor Calculator

120 **DYNAMIC ORCHESTRATION CONTROLLER**

122 Zero-Knowledge Proof (ZKP) Protocol Engine | **124** Homomorphic Encryption (HE) Protocol Engine | **126** Secure Multi-Party Computation (MPC) Protocol Engine

128 Protocol Bridging & State Management

Feedback Loop

130 **FEDERATED LEARNING ARCHITECTURE**

132 Institution A AI Agent | **134** Institution B AI Agent | **136** Institution C AI Agent

138 **SECURED TRANSACTION OUTPUT**
Optimally Protected Financial Transactions