

ABSTRACT

Artificial Intelligence Manager System (AIMS) provides a method and system for managing inference on synthetic electronic neural networks. The system receives a main task objective including one or more sub-tasks that reinforce the processing efficiency of the objective and one or more sub-tasks that countervail it.

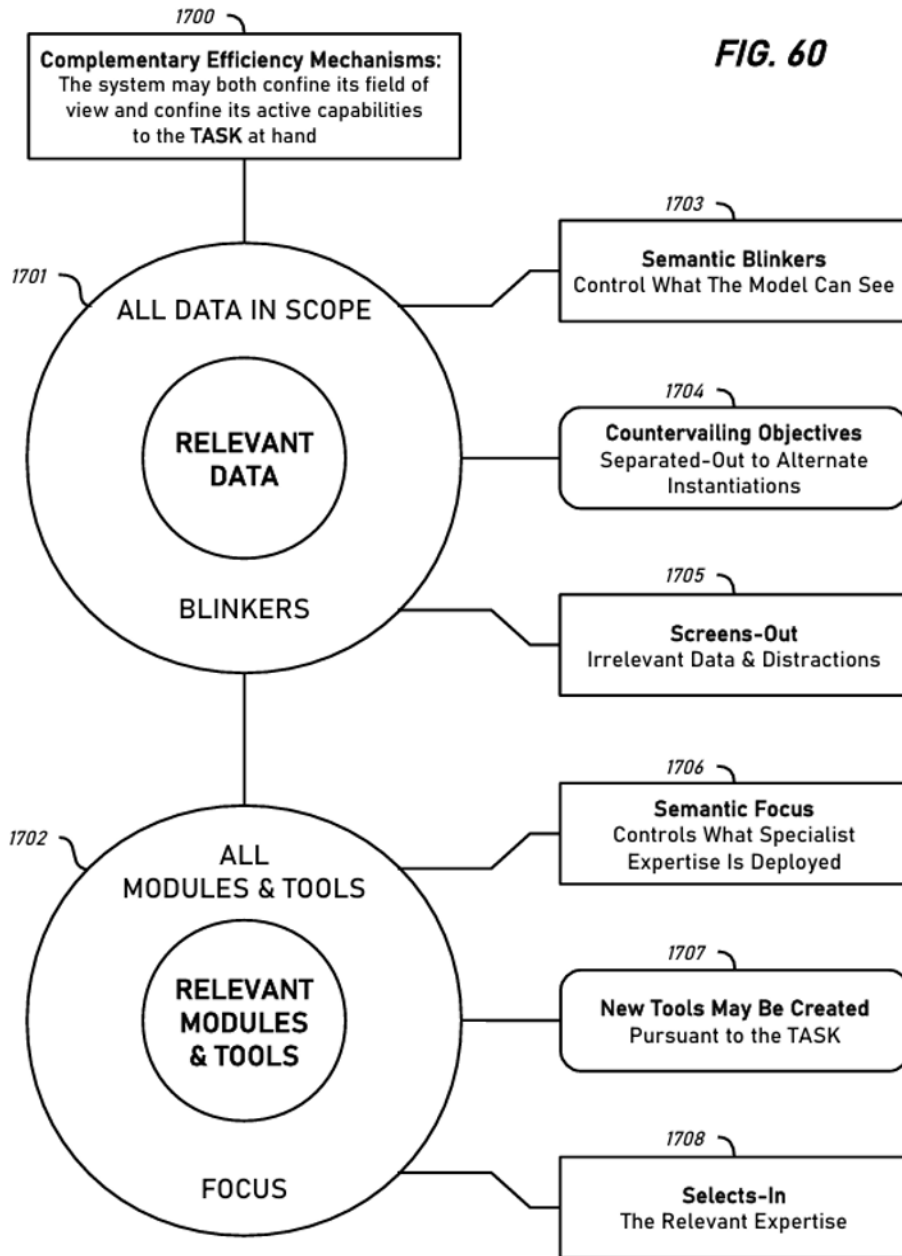


FIG. 60

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From an analysis of the main objective and learning from previously processed tasks, the system proactively predicts processing requirements. Countervailing sub-tasks are identified, separated, and dispatched to one or more dedicated AI model instances operating within a blinkered purview and processed in isolation until sub-task results are generated. The disparate sub-task results are then collated and merged to form a composite result, from which the overall task result and any output products are produced. By resolving countervailing objectives separately, AIMS prevents internal contradictions that would otherwise waste computations and degrade their efficacy, potentially improving model accuracy and efficiency.