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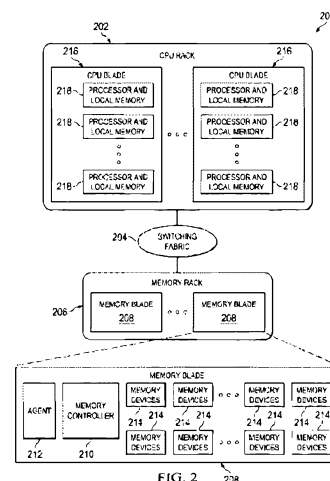
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(56) Documents Cited:
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INT CL **G06F, H04L**
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(54) Title of the Invention: **Specifying disaggregated compute system**
Abstract Title: **Specifying disaggregated compute system**

(57) Server resources in a data center are disaggregated into shared server resource pools. Servers are constructed dynamically, on-demand and based on workload requirements, by allocating from these resource pools. A disaggregated compute system of this type keeps track of resources that are available in the shared server resource pools, and it manages those resources based on that information. Each server entity built is assigned with a unique server ID, and each resource that comprises a component thereof is tagged with the identifier. As a workload is processed by the server entity, its composition may change, e.g. by allocating more resources to the server entity, or by de-allocating resources from the server entity. Workload requests are associated with the unique server ID for the server entity. When a workload request is received at a resource, it matches its unique server ID to that of the request before servicing the request.

FIG. 2

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THIS INTERNATIONAL APPLICATION HAS ENTERED THE NATIONAL PHASE EARLY