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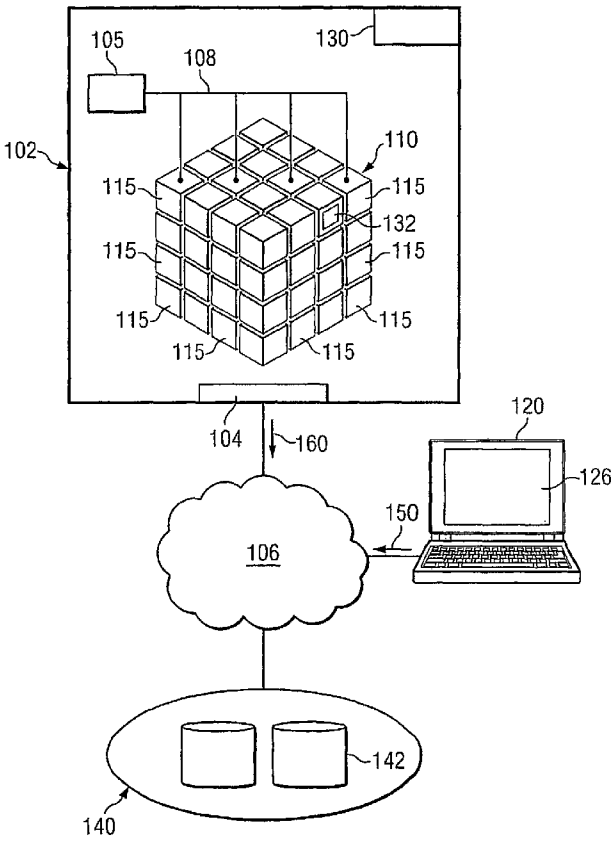
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(54) Title: SYSTEM AND METHOD FOR TOPOLOGY-AWARE JOB SCHEDULING AND BACKFILLING IN AN HPC ENVIRONMENT



(57) Abstract: A method for job management in an HPC environment includes determining an unallocated subset from a plurality of HPC nodes, with each of the unallocated HPC nodes comprising an integrated fabric. An HPC job is selected from a job queue and executed using at least a portion of the unallocated subset of nodes.

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