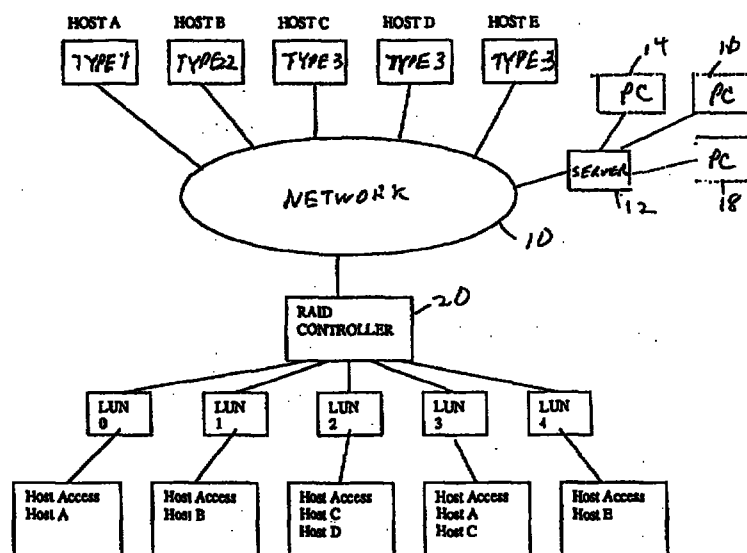




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(54) Title: LOGICAL UNIT MAPPING IN A STORAGE AREA NETWORK (SAN) ENVIRONMENT



(57) Abstract

A system with a RAID controller (20) connected to a plurality of hosts (A-E), and having a storage area configurable as a plurality of logical units (0-4). The RAID controller (20) stores in an associated memory a table of access right for the hosts (A-E) to the logical units (0-4). Updates can be provided and additional material can be provided in new memory space that is subsequently made available to the various hosts (A-E) by providing updated access rights that include the new space. In one embodiment, the present invention also maps the logical unit number (0-4) from that requested by the host (A-E) to an actual number used in the RAID subsystem.