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METHOD FOR PERSISTENT MAPPING OF
DISK DRIVE IDENTIFIERS TO SERVER CONNECTION SLOTS

ABSTRACT OF THE DISCLOSURE

A method for mapping disk drives of a data storage system to server connection slots. The method may be used when an SAS expander is used to add additional disk drives, and maintains the same drive numbering scheme as would exist if there were no expander. The method uses the IDENTIFY address frame of an SAS connection to determine whether a device is connected to each phy of a controller port, and whether the device is an expander or end device (disk drive).

FIG. 3