PROGRAMMABLE EXTERNAL STORAGE CONTROL APPARATUS

ABSTRACT

A programmable external storage control apparatus is provided which requires minimum intervention of a microprocessor and has more extendibility and flexibility.

It includes a buffer (16) which stores a data transfer control program in addition to data to be transferred between a host (10) and an external storage (14), a controller (18) which reads from the buffer (16) and executes the data transfer control programs, and a microprocessor (20) which starts reading of the program from the buffer (16) to the controller (18) in response to a command from the host (10). The controller (18) controls data transfer between the host and the external storage independently of the microprocessor (20) while the microprocessor (20) may execute other jobs.

[Selected Figure] FIG. 2

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