INFORMATION PROCESSING SYSTEM AND SEMICONDUCTOR AUXILIARY STORAGE FOR USE IN THE SYSTEM

Abstract

A compact, low power consumption, light weight, highly reliable and high speed information processing system is provided by employing a semiconductor auxiliary storage in lieu of conventional magnetic storage or memory means, such as a floppy disk memory or a hard disk memory. An access request to such a magnetic storage or memory means is converted to an access request for a semiconductor auxiliary storage comprising semiconductor integrated circuits without requiring any modification of existing programs, such as, application software and a disk operating system. A memory circuit of the semiconductor auxiliary storage comprises a ROM and a RAM, and a portion of the ROM area is copied into the RAM so that the modification of the programs and data is permitted while the basic program and data can be retained in a nonvolatile manner. (Fig. 1)

This Sheet Has Been Replaced