ABSTRACT

INTERPROCESSOR BOOT-UP HANDSHAKE FOR UPGRADE IDENTIFICATION

A traditional uniprocessing computer system is provided with an upgrade socket for receiving an additional processor integrated circuit that need not be of a single predetermined type. On system RESET, the original CPU receives an UPGRADE_ID from the upgrade socket and determines if an agent is resident in the socket and if so what kind of agent is present. Each upgrade processor is equipped with a programmed data word with information indicating its parameters. The system then initializes properly according to the configuration of processors present.

(Figure 2)

This Sheet Has Been Replaced

