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# United States Patent [19]

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[54] DATA COMPRESSION DEVICE  
COMPRISING INPUT CONNECTOR FOR  
CONNECTING TO GAME PLAYER SYSTEM,  
OUTPUT CONNECTOR FOR CONNECTING  
TO MEMORY CARD, AND VIRTUAL  
MEMORY PAGE SWITCH

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[51] Int. Cl.<sup>6</sup> ..... **G06F 5/01**

[52] U.S. Cl. .... **710/68; 463/1; 463/35;**  
**463/44; 463/45; 710/2; 710/65; 710/74**

[58] Field of Search ..... **345/115; 348/231;**  
**358/402; 382/276; 463/1, 35, 44, 45; 710/2,**  
**65, 68, 74**

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### [57] ABSTRACT

A data compression device includes a data compression circuit for compressing data being transferred between a TV game player and a memory card, and for decompressing data sent from the memory card to the game player. The device is arranged to be inserted into the card receptacle of the TV game player, and includes an opening for receiving the memory card, thereby serving as an adapter between the game player and the memory card.

**3 Claims, 3 Drawing Sheets**

