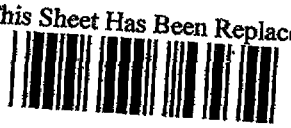
Abstract

Data Generation Device for an Electronic Musical Instrument

Data of desired variable data length is stored in a memory. When desired data is to be taken out of the memory, data length of the data to be taken out is designated and necessary data is selectively taken out of the memory in accordance with the designated data length. Single data may be stored over plural addresses. In that case, MSB or LSB of data to be taken out of the data stored over the plural addresses is pointed out and desired data of a desired bit number is taken out in accordane with the pointed out position and the bit number of the data. In the memory, first data and second data may be mixedly stored. The second data consists of plural bits and is divided in plural sections, each section being separately stored in the first data. The first data and the second data are separated from the data which has been read from the memory and the respective sections of the second data are assembled together to reproduce completed second data. This storage and reproduction of data contributes to an efficient utilization of the memory.

(Figure 3)

This Sheet Has Been Replaced