

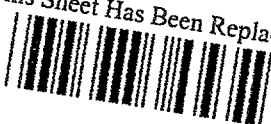
**STORAGE SUB-SYSTEM COMPRESSION AND DATAFLOW CHIP
OFFERING EXCELLENT DATA INTEGRITY**

ABSTRACT

A system (100) and method for providing data compression with high data integrity, including a first interface (A102), a second interface (B112), a storage means (120) and a first compression/decompression means (104) coupled to the first interface and the storage means. The first compression/decompression means compresses data provided via the first interface, decompresses data from the storage means, and provides a first data stream. A second compression/decompression (114) coupled to the second interface and the storage means compresses data provided via the second interface, decompresses data from the storage means and also provides a second data stream. Each compression/decompression means is able to monitor both the input and the output of the other via a common shared interface (121) to the storage means.

Figure 2

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