

METHOD OF CONFIGURING STORAGE SPACE IN A DATA STORAGE DEVICE

Abstract

5 Methods and apparatus for configuring and storing data in a data storage device to
increase storage capacity while ensuring acceptable data reliability are provided. The
methods may involve providing a data zone and a risk zone, which forms an outer region
of the disc and is known to have a higher risk of data access failure than the data zone.
The risk zone is configured to have a first location for primary data storage and a second
10 location for storing a backup copy of the data stored in the first location.

Figure 5