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(54) **TAPE EMULATING DISK BASED STORAGE SYSTEM AND METHOD WITH AUTOMATICALLY RESIZED EMULATED TAPE CAPACITY**

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(57) **ABSTRACT**

A data protection and storage system includes an array of disk drives for data storage. Data is received for storage on the disk drive via an interface that is configured to emulate a tape drive interface. A virtual tape data structure is created and stored on the disk drives. The allocated capacity of the virtual tape is dynamically and transparently alterable in response to data storage demand within the virtual tape.

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