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(54) Title: ATOMIC MULTIPLE MODIFICATION OF DATA IN A DISTRIBUTED STORAGE SYSTEM

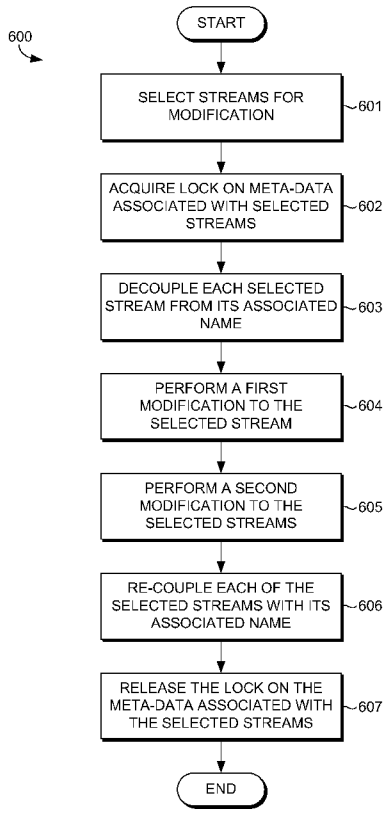


FIG. 6.

(57) Abstract: Atomic multiple modifications of streams is provided. Streams are selected for the application of an atomic multiple modification. A lock is acquired on the meta-data associated with the streams. Each stream is de-coupled from its name. Multiple modifications are applied to the selected streams. After performing the modifications, names are coupled to the streams. The lock on the meta-data associated with each stream is released.

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