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(54) Title: METHOD AND APPARATUS FOR OPTIMIZING DATA STREAMING IN A COMPUTER SYSTEM UTILIZING
RANDOM ACCESS MEMORY IN A SYSTEM LOGIC DEVICE

(57) Abstract: One embodiment of an apparatus for optimizing data streaming in a computer system between a processor and a system component includes a cache in a system logic device that stores disposable information. The term "disposable information" is defined as information that is meant to be read by a system component only once. Once a particular cache entry containing disposable information is read by a system component, that cache entry may be overwritten. Because disposable information is meant to be read only once, there is no need for the cache to write the information to system memory before overwriting the cache entry.

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