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(12) United States Patent

Gertner

(54) DATA SHARING USING DISTRIBUTED CACHE IN A NETWORK OF HETEROGENEOUS COMPUTERS

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- (*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 237 days.

This patent is subject to a terminal disclaimer.

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- (58) Field of Classification Search None

See application file for complete search history.

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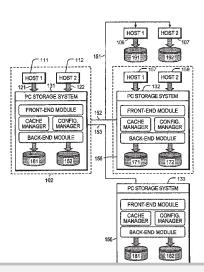
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(57) ABSTRACT

A network of PCs includes an I/O channel adapter and network adapter, and is configured for management of a distributed cache memory stored in the plurality of PCs interconnected by the network. The use of standard PCs reduces the cost of the data storage system. The use of the network of PCs permits building large, high-performance, data storage systems.

24 Claims, 13 Drawing Sheets



Related U.S. Application Data

division of application No. 09/236,409, filed on Jan. 22, 1999, now Pat. No. 6,549,988.

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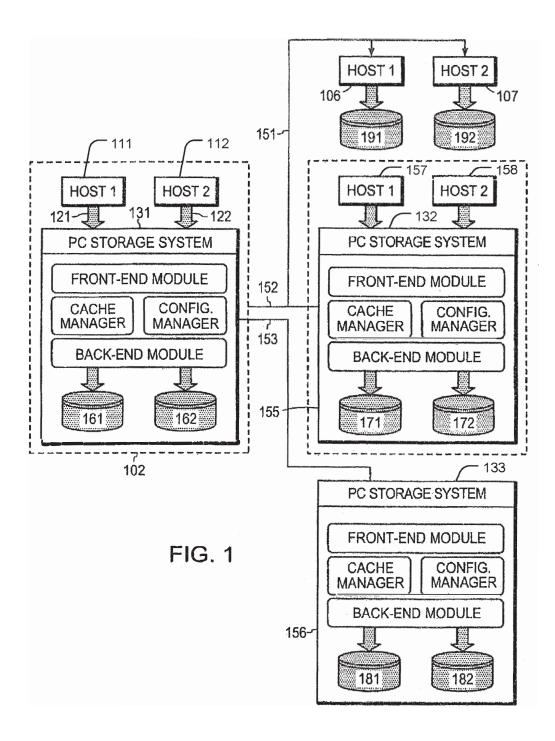
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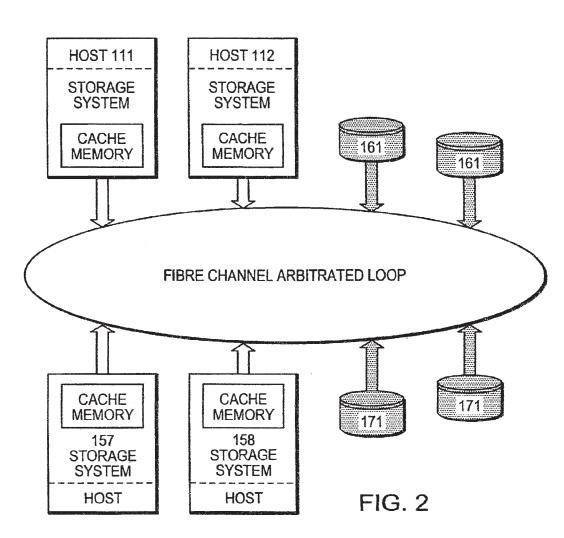
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