

# Exhibit 1001



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**Lowery et al.**

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(54) **METHOD AND SYSTEM FOR DYNAMIC DISTRIBUTED DATA CACHING**

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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 875 days.

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(65) **Prior Publication Data**

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(51) **Int. Cl.**

**G06F 15/167** (2006.01)

Primary Examiner—Saleh Najjar

(52) **U.S. Cl.** ..... **709/214**; 709/203; 709/217; 709/219; 709/226; 707/10; 707/200; 710/56; 711/119; 711/126; 711/130; 711/135

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(58) **Field of Classification Search** ..... 709/213, 709/217, 201, 212, 203, 205, 215, 216, 248; 707/8, 10; 711/151

(57) **ABSTRACT**

See application file for complete search history.

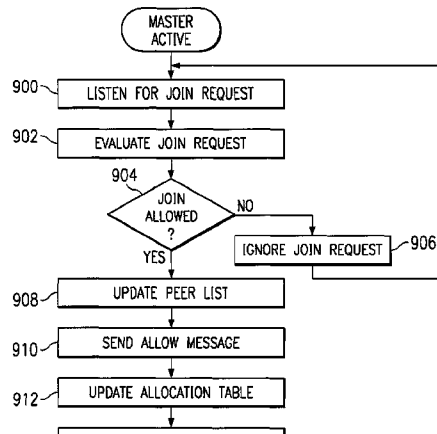
A method and system for dynamic distributed data caching is presented. The method includes providing a cache community (402) comprising at least one peer (413). Each peer has an associated first content portion (511) indicating content to be cached by the respective peer. A client (404) may be allowed to join the cache community. A peer list (426) associated with the cache community is updated to include the client. The peer list indicates the peers in the cache community. A respective second content portion (511) is associated with each peer based on the addition of the client.

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**36 Claims, 11 Drawing Sheets**



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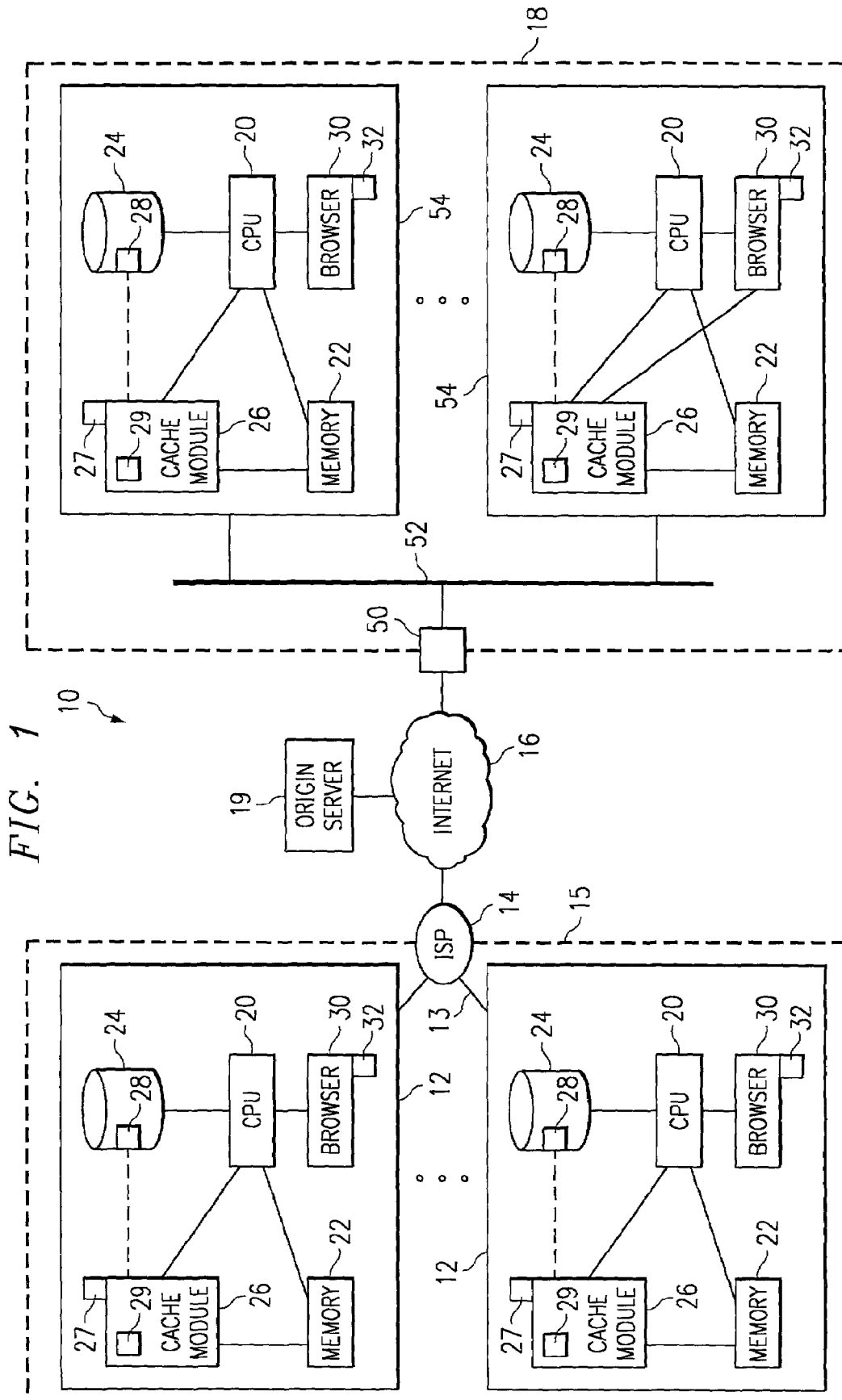
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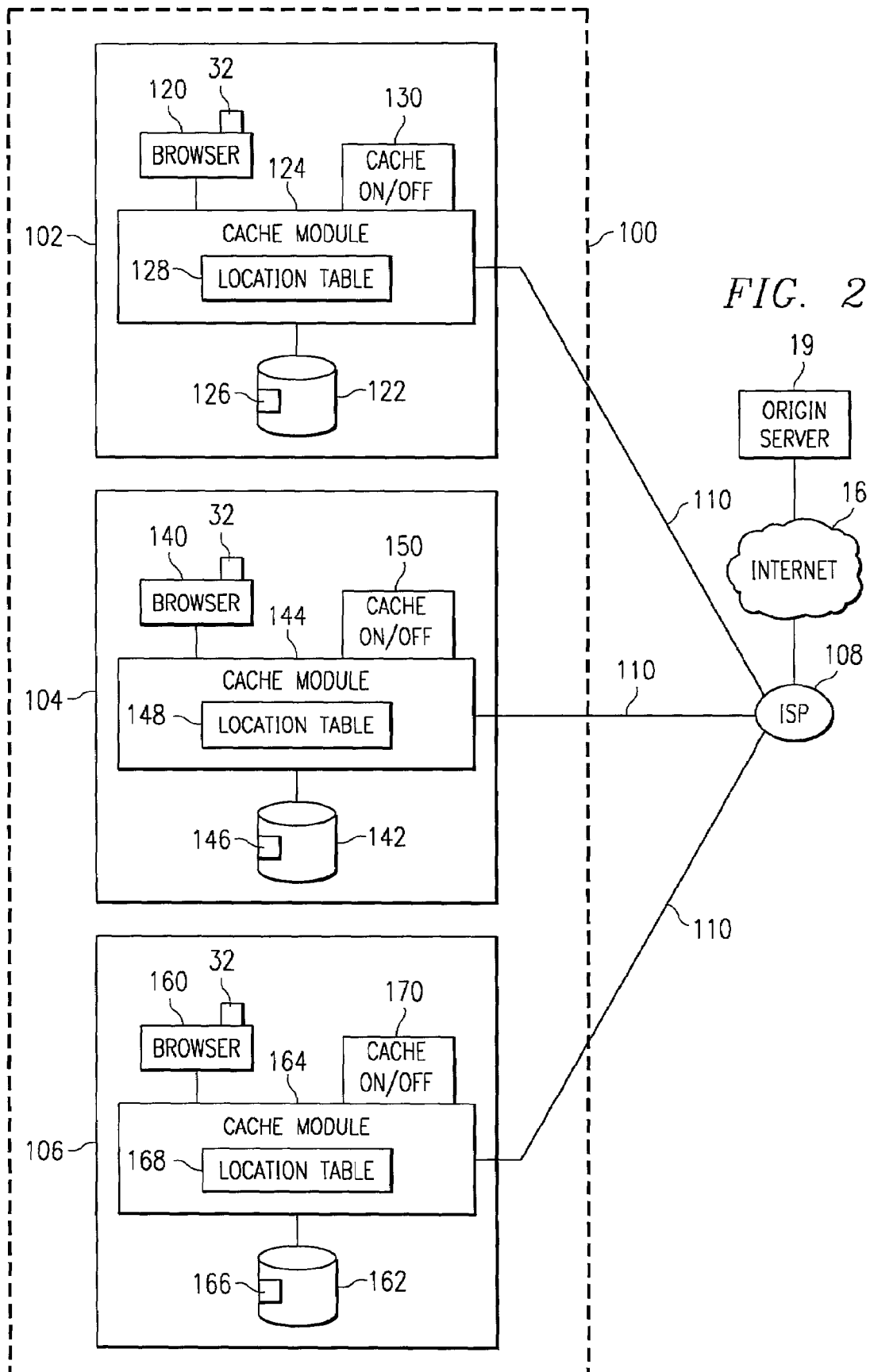
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