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Huppenthal

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(54) **SYSTEM AND METHOD FOR ACCELERATING WEB SITE ACCESS AND PROCESSING UTILIZING A COMPUTER SYSTEM INCORPORATING RECONFIGURABLE PROCESSORS OPERATING UNDER A SINGLE OPERATING SYSTEM IMAGE**

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Related U.S. Application Data

(63) Continuation-in-part of application No. 09/563,561, filed on May 3, 2000, now Pat. No. 6,339,819, which is a continuation-in-part of application No. 09/481,902, filed on Jan. 12, 2000, now Pat. No. 6,247,110, which is a continuation of application No. 08/992,763, filed on Dec. 17, 1997, now Pat. No. 6,076,152.

(List continued on next page.)

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(51) **Int. Cl.**⁷ **G06F 15/16**

(57) **ABSTRACT**

(52) **U.S. Cl.** **712/32; 707/501.1; 707/513; 709/203; 709/219**

A system and method for accelerating web site access and processing utilizing a multiprocessor computer system incorporating reconfigurable and standard microprocessors as the web site server. One or more reconfigurable processors may be utilized, for example, in accelerating site visitor demographic data processing, real time web site content updating, database searches and other processing associated with e-commerce applications. In a particular embodiment disclosed, all of the reconfigurable and standard microprocessors may be controlled by a single system image of the operating system, although cluster management software may be utilized to cause a cluster of microprocessors to appear to the user as a single copy of the operating system.

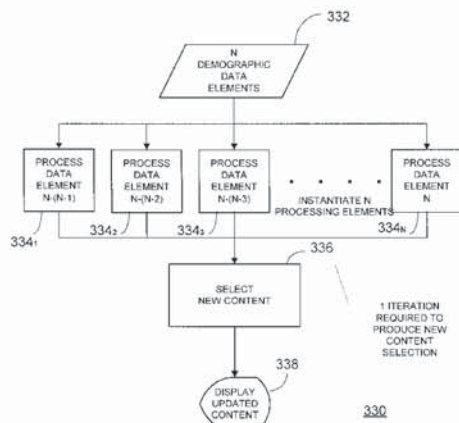
(58) **Field of Search** **707/501.1, 513; 709/203, 219; 712/32**

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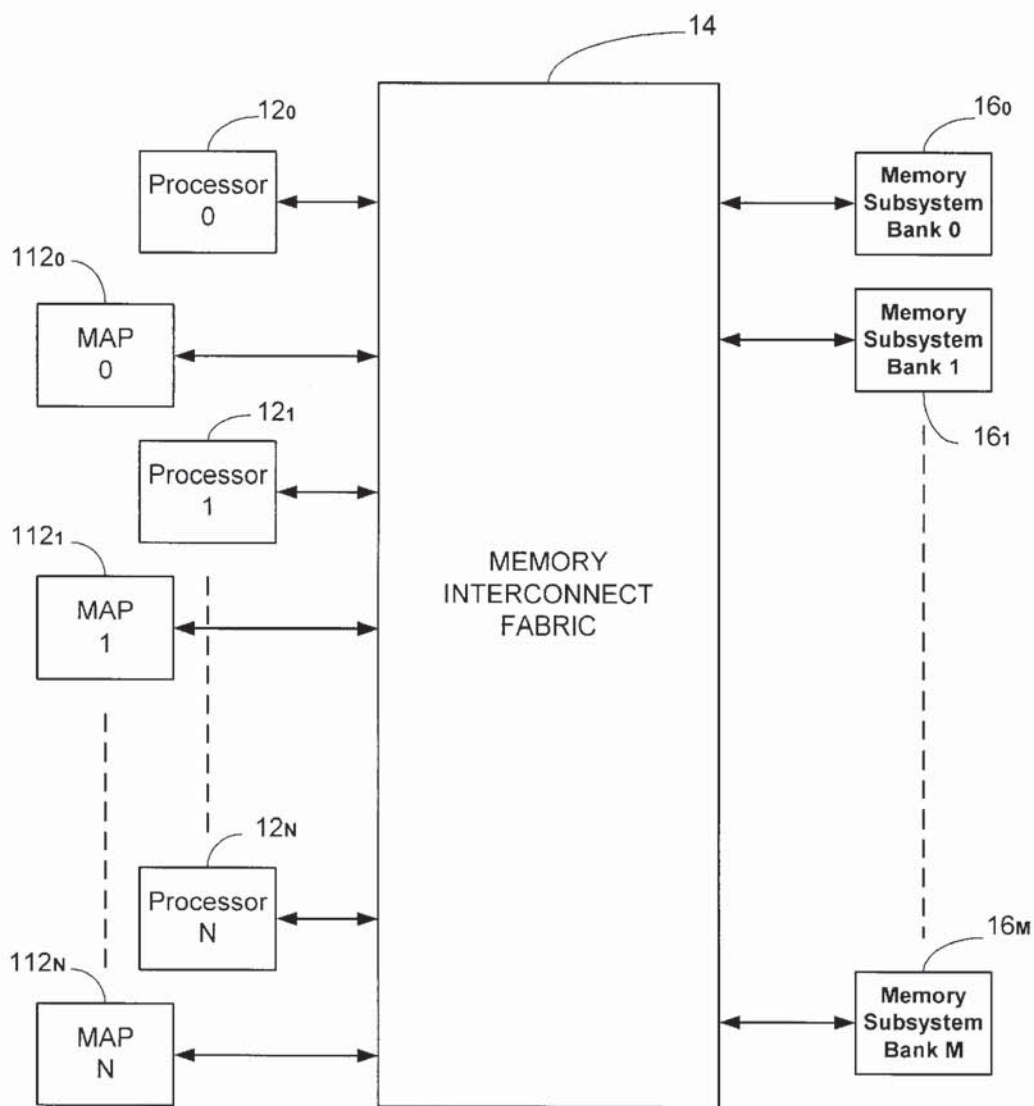
25 Claims, 14 Drawing Sheets



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Fig. 1

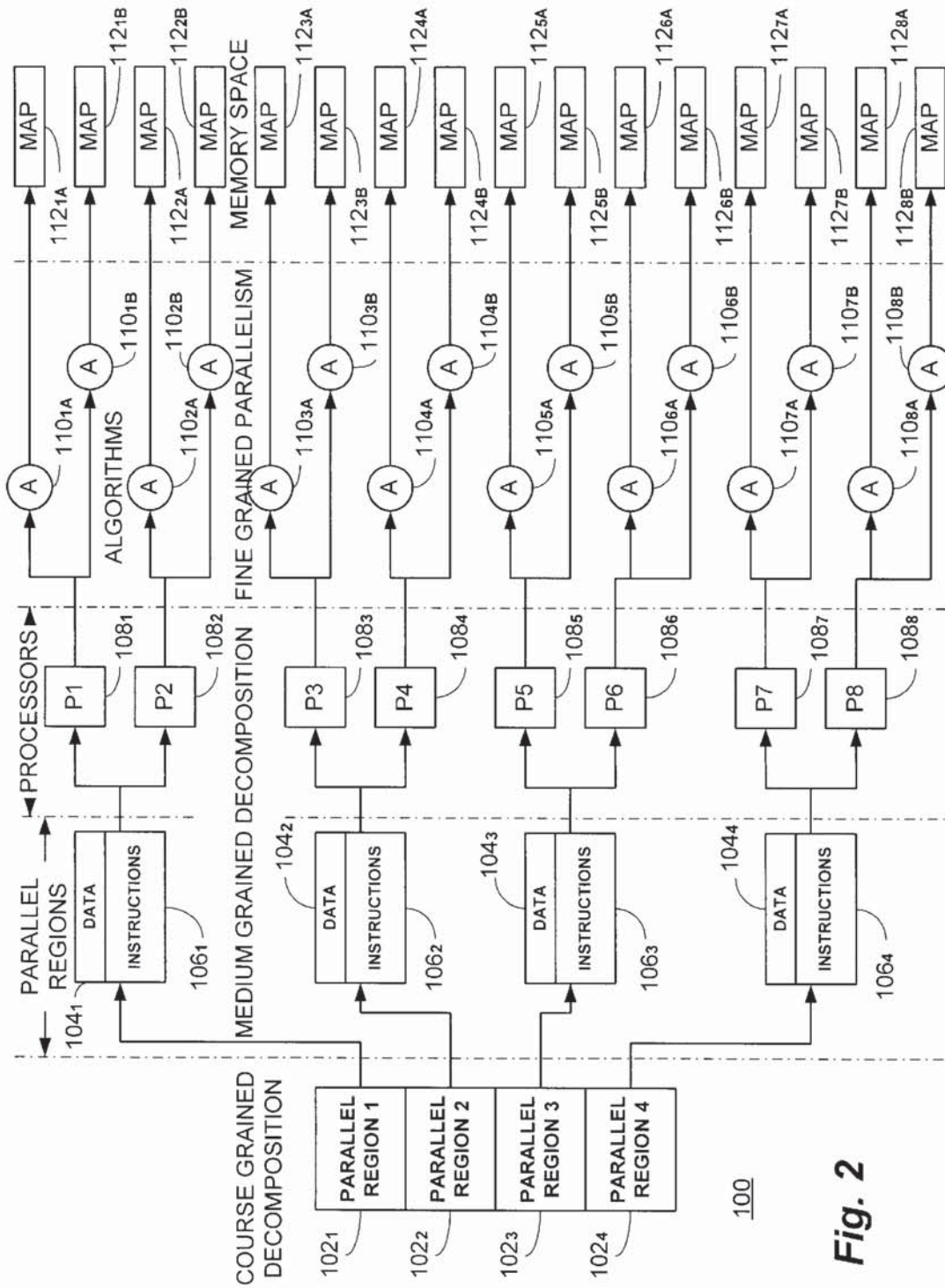


Fig. 2

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