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Burke, II et al.

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(54) **SYSTEM FOR REGULATING ACCESS TO AND DISTRIBUTING CONTENT IN A NETWORK**

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(51) **Int. Cl.**
G06F 15/173 (2006.01)

(52) **U.S. Cl.** **709/225**

(58) **Field of Classification Search** **709/225**
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

6,516,416 B2 2/2003 Gregg et al.
6,694,429 B1 2/2004 Kalmanek, Jr. et al.
2001/0051996 A1 12/2001 Cooper et al.

2002/0059440 A1 5/2002 Hudson et al.
2002/0103778 A1* 8/2002 Saxena 707/1
2002/0120577 A1 8/2002 Hans et al.
2002/0145981 A1 10/2002 Klinker et al.
2002/0169865 A1 11/2002 Tarnoff
2003/0204602 A1 10/2003 Hudson et al.
2003/0233281 A1 12/2003 Takeuchi et al.
2005/0033990 A1* 2/2005 Harvey et al. 713/201

OTHER PUBLICATIONS

International Search Report dated Jan. 31, 2006.

* cited by examiner

Primary Examiner — Jeffrey Pwu

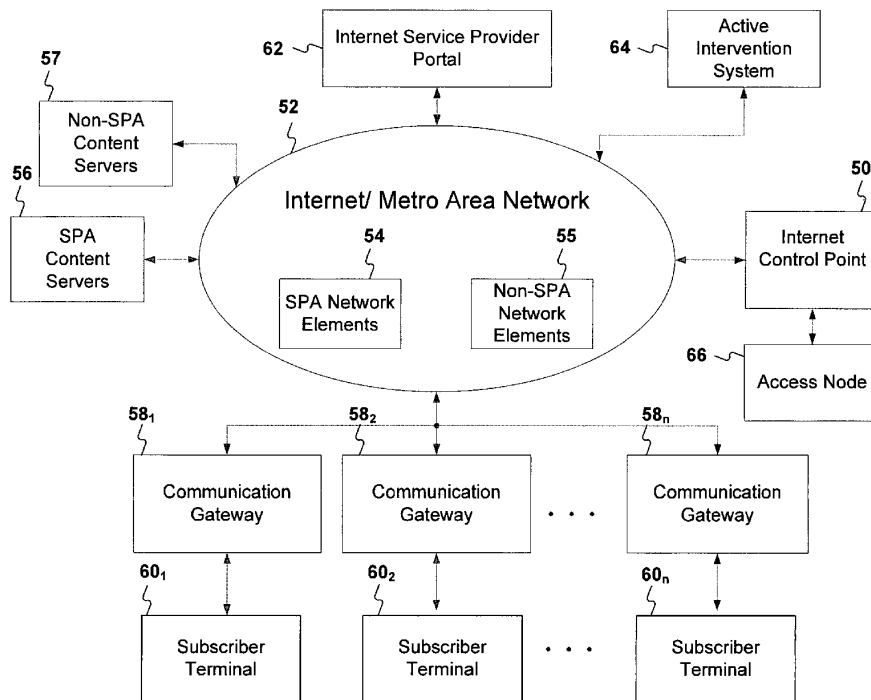
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(57) **ABSTRACT**

There is provided a system for regulating access and managing distribution of content in a network, such as the Internet. The system includes communication gateways, installed at a subscriber site, internet control points, installed remotely, and various network elements installed throughout the network. The communication gateways and network elements operate in conjunction with the internet control points to restrict or allow access to specified Internet sites and to manage efficient distribution of content such as music, video, games, broadband data, real-time audio and voice applications, and software to subscribers.

50 Claims, 7 Drawing Sheets



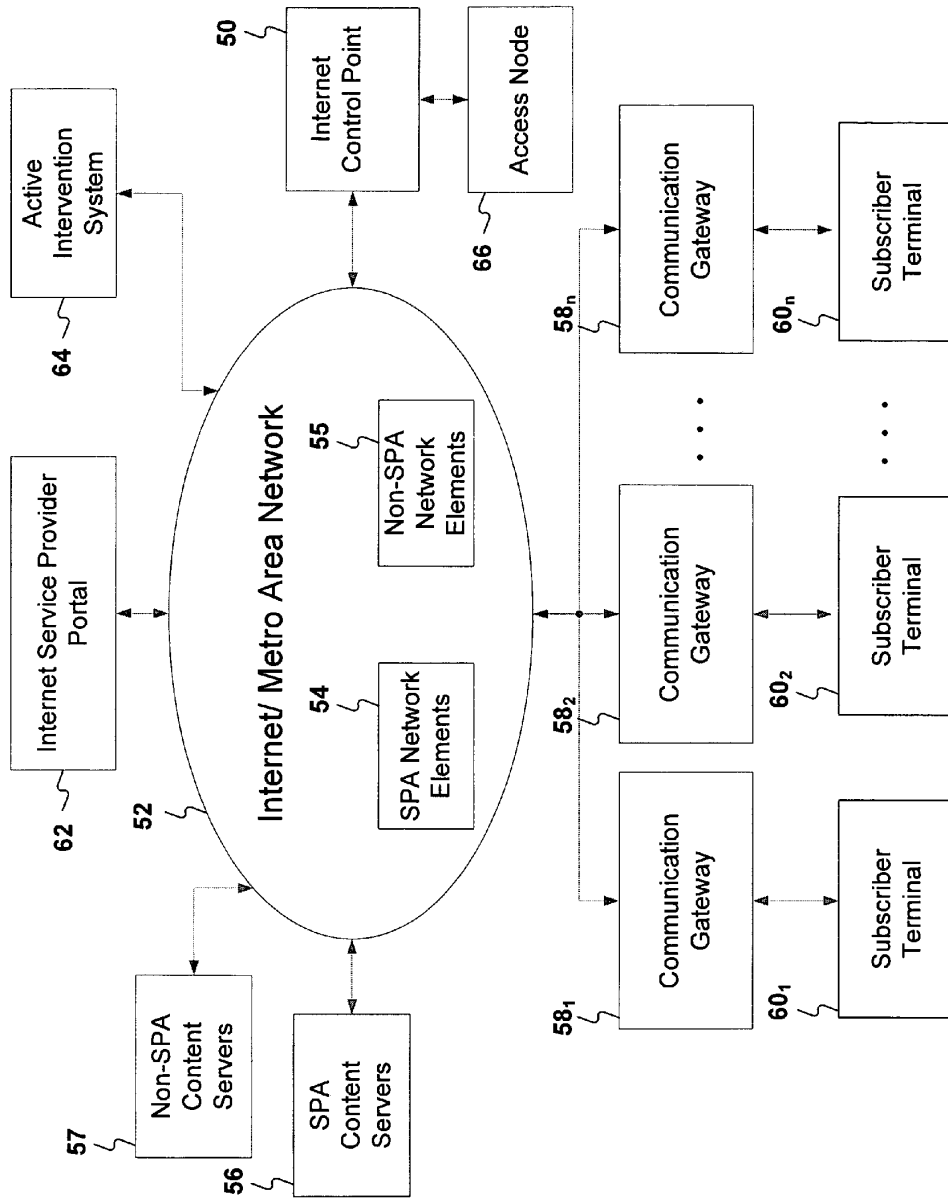


Figure 1

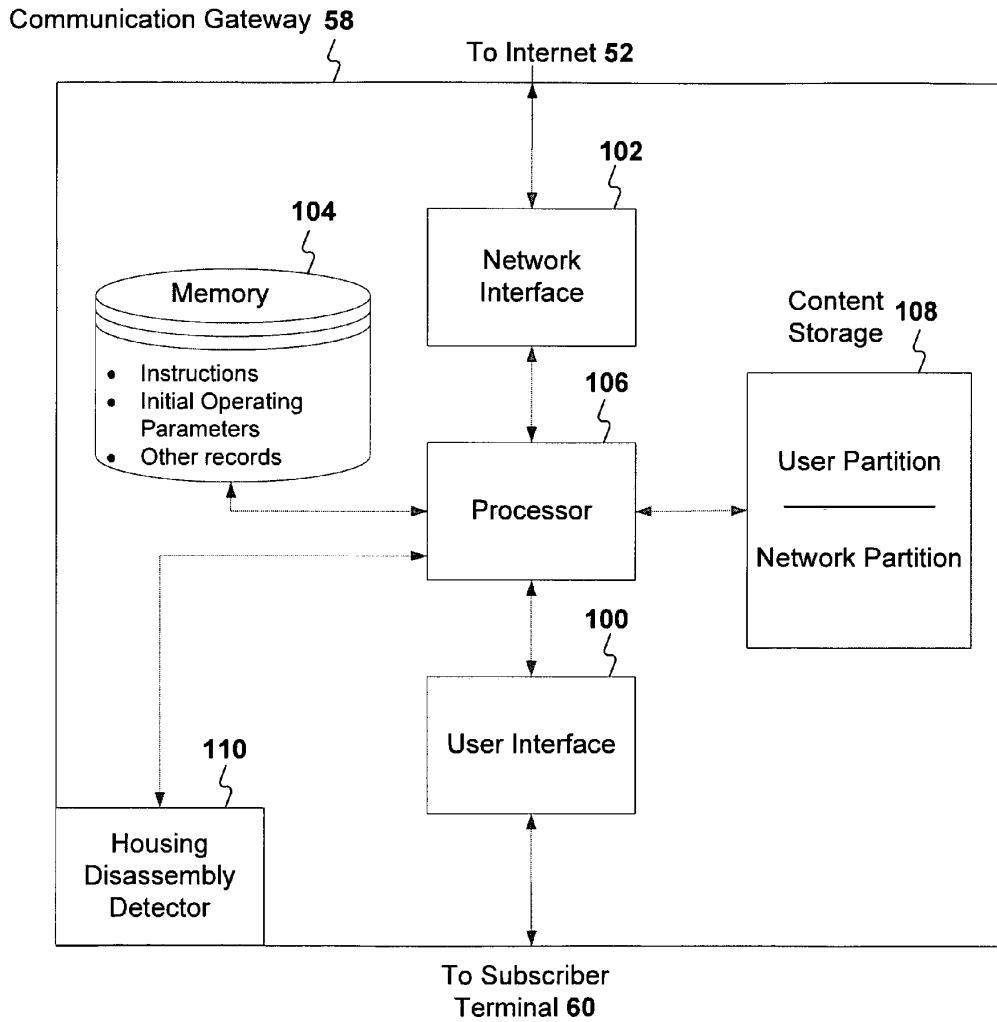


Figure 2

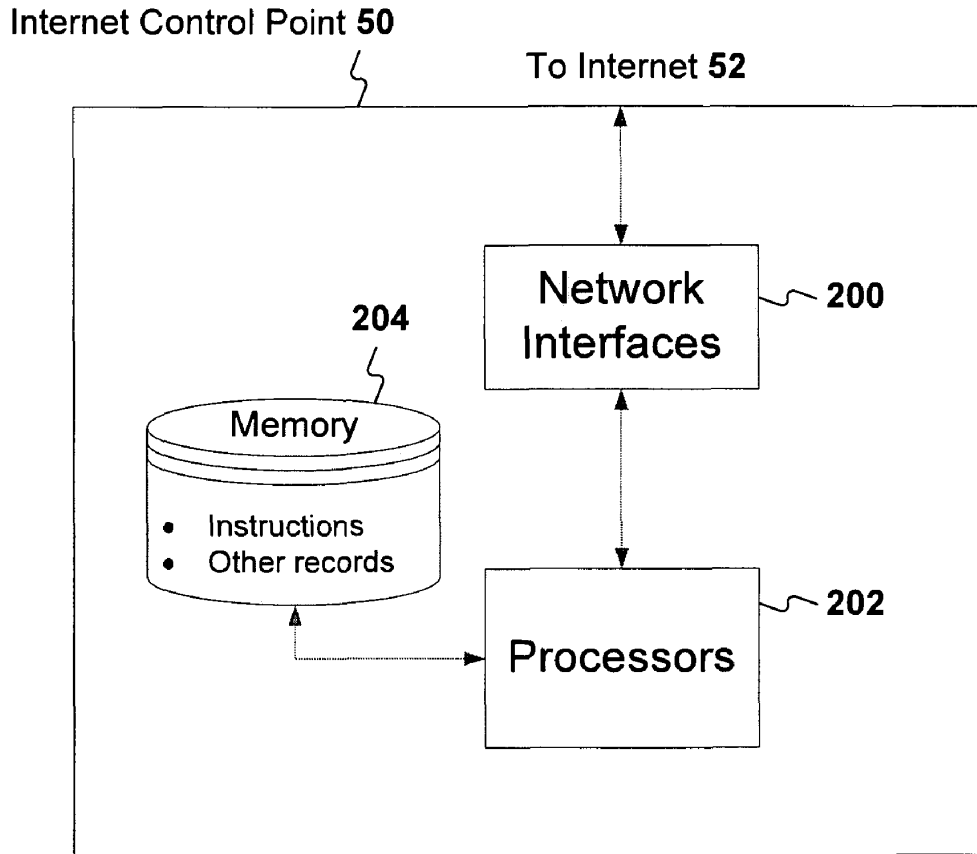


Figure 3

SPA Network Element 54

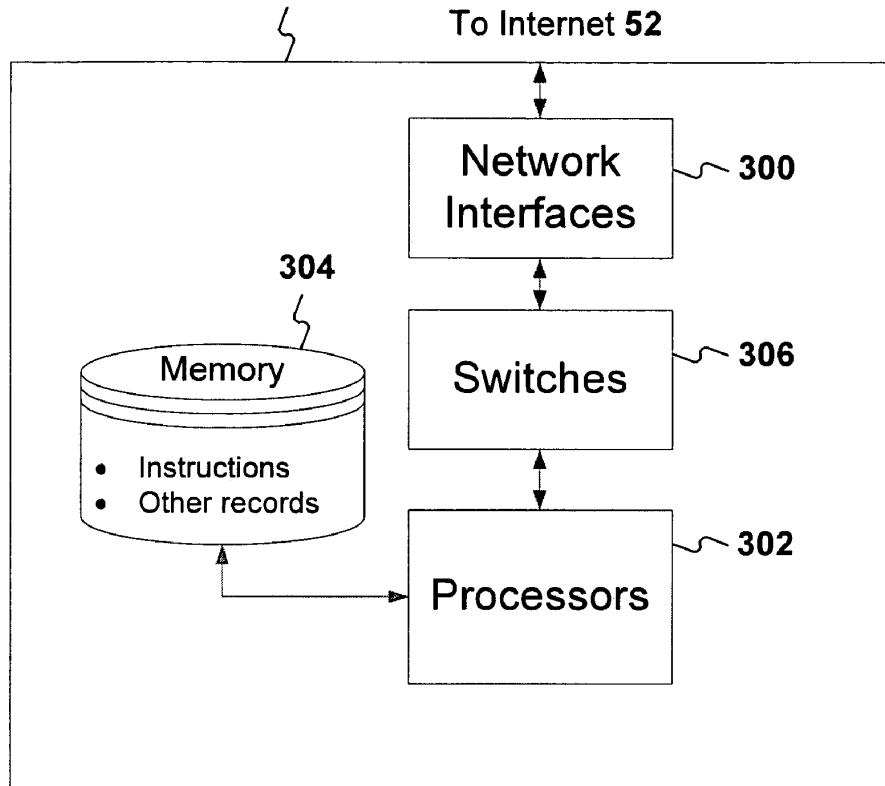


Figure 4

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