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

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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 90 days.

This patent is subject to a terminal disclaimer.

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(65) **Prior Publication Data**

US 2015/0081427 A1 Mar. 19, 2015

Related U.S. Application Data

(63) Continuation of application No. 13/369,174, filed on Feb. 8, 2012, now Pat. No. 8,799,468, which is a continuation of application No. 10/989,023, filed on Nov. 16, 2004, now Pat. No. 8,122,128.
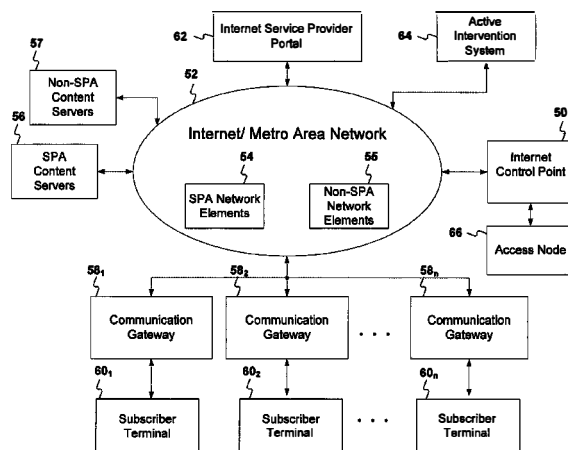
(60) Provisional application No. 60/563,064, filed on Apr. 16, 2004, provisional application No. 60/538,370, filed on Jan. 22, 2004, provisional application No. 60/523,057, filed on Nov. 18, 2003.

(51) **Int. Cl.**

H04L 15/16	(2006.01)
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H04L 29/06	(2006.01)
G06Q 30/02	(2012.01)
G06Q 50/18	(2012.01)
G06Q 50/26	(2012.01)

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CPC *G06F 21/10* (2013.01); *G06Q 30/0251* (2013.01); *G06Q 50/184* (2013.01); *G06Q 50/26* (2013.01); *H04L 63/02* (2013.01); *H04L 63/10* (2013.01); *H04L 63/1458* (2013.01); *H04L 63/30* (2013.01); *H04L 2463/101* (2013.01)

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

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Primary Examiner — Shripal Khajuria

(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.

48 Claims, 7 Drawing Sheets

Figure 1

Communication Gateway **58**

To Internet **52**

102

104

Memory

- Instructions
- Initial Operating Parameters
- Other records

Network Interface

106

Processor

Content Storage **108**

User Partition
—————
Network Partition

100

User Interface

110

Housing Disassembly Detector

To Subscriber Terminal **60**
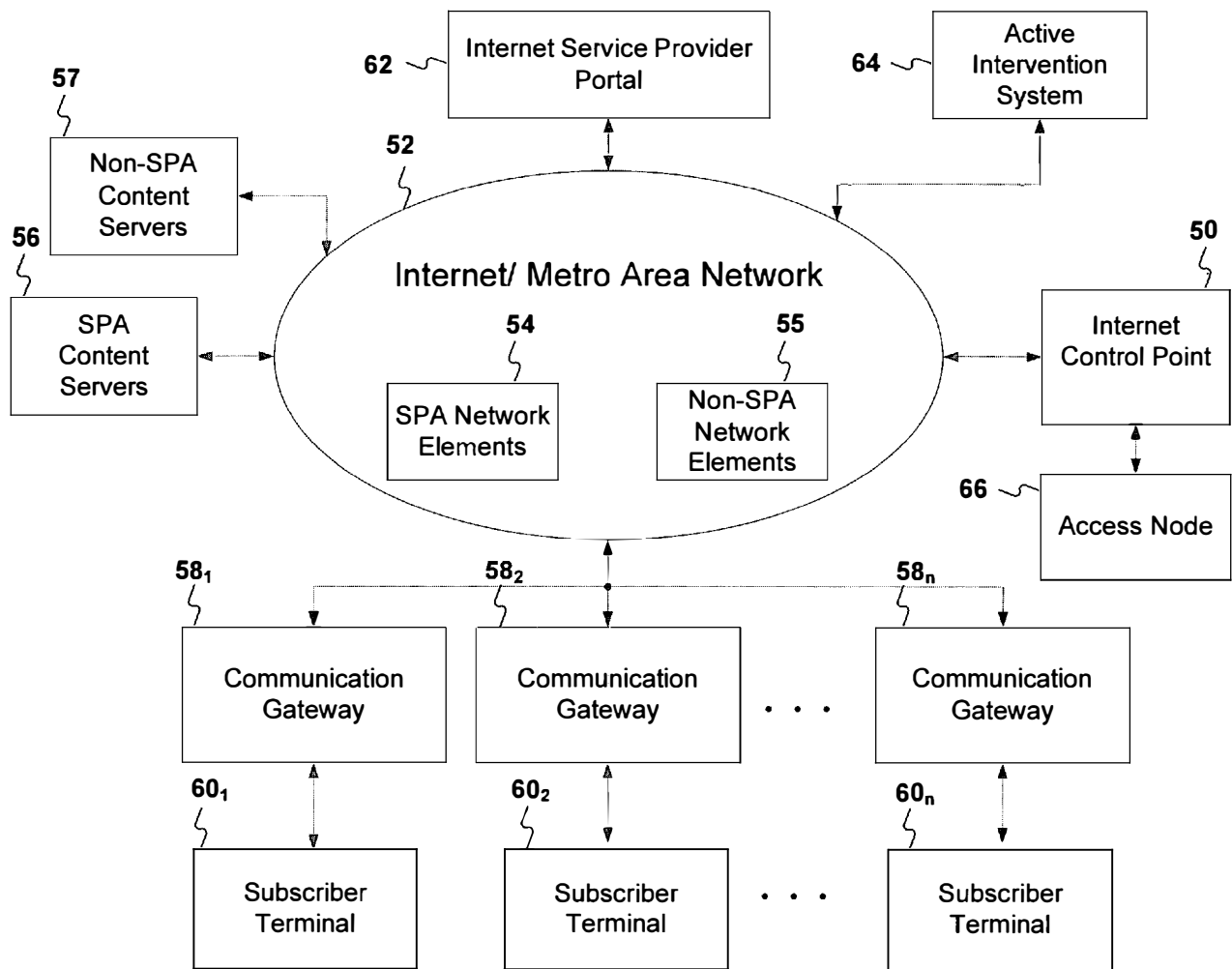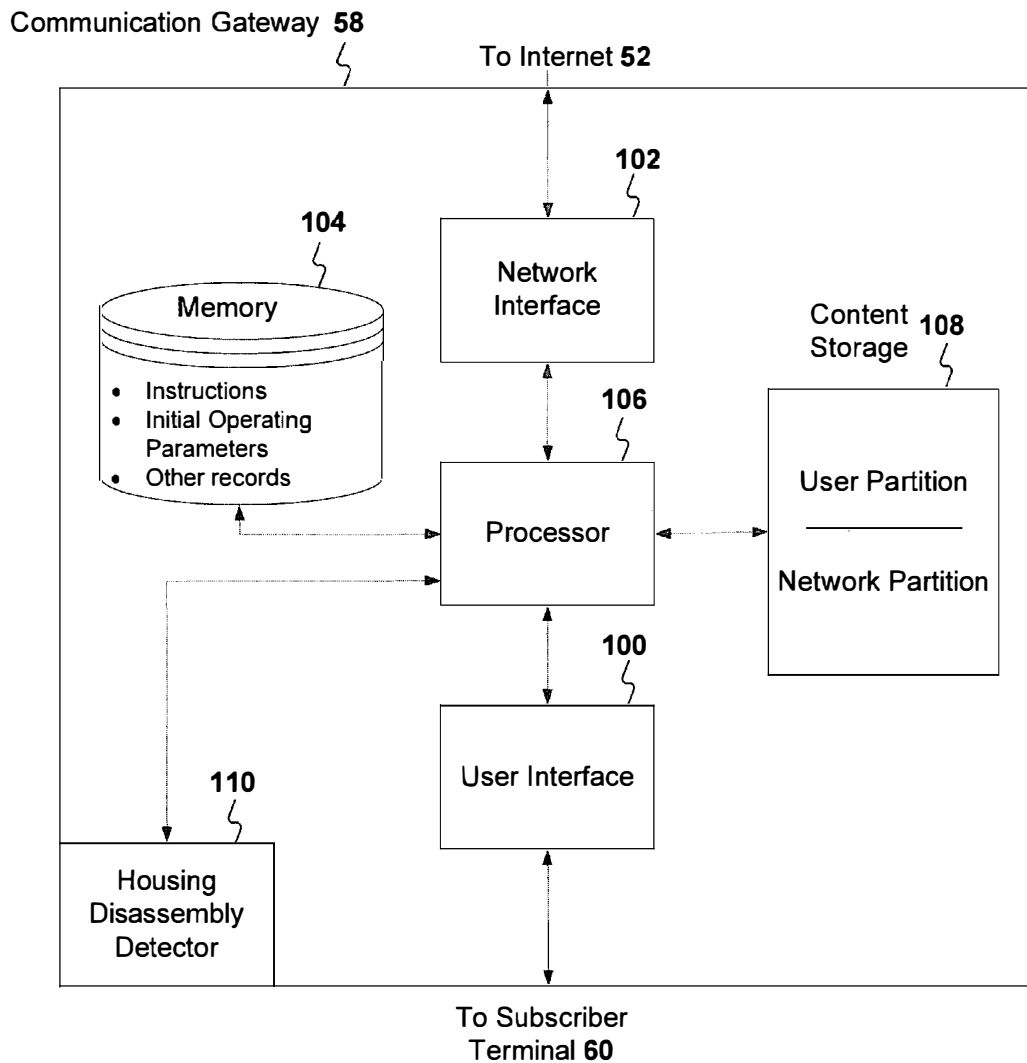
Figure 2

Internet Control Point **50**

To Internet **52**

Network Interfaces **200**

204

Memory

- Instructions
- Other records

Processors **202**

Figure 3

SPA Network Element **54**

To Internet **52**

Network Interfaces **300**

304

Memory
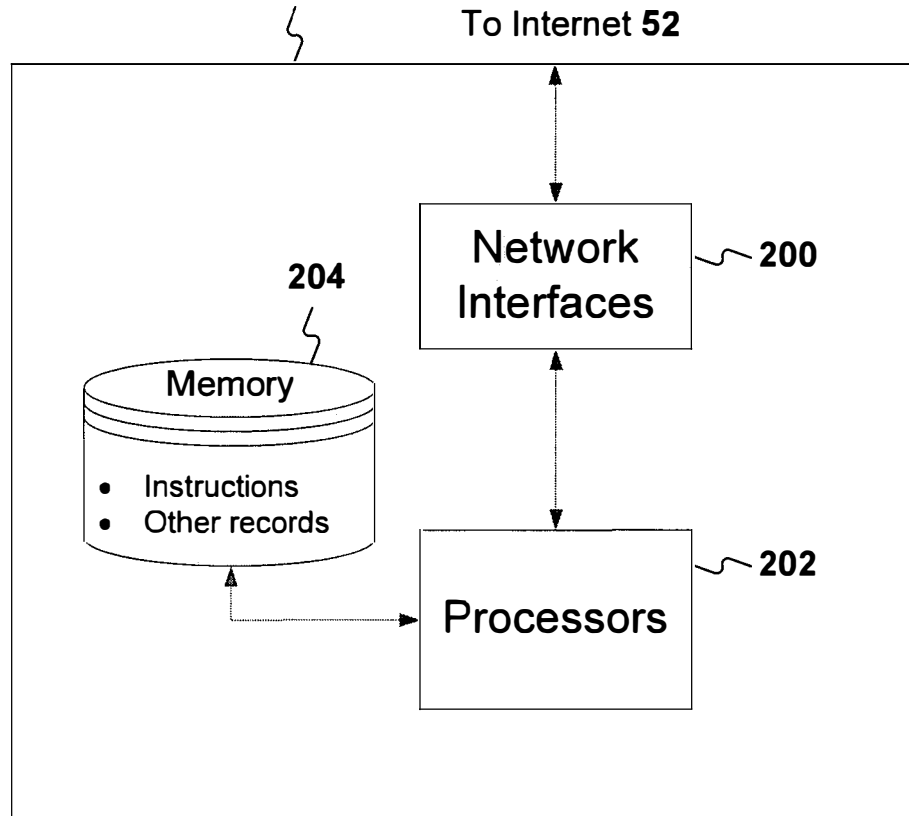
- Instructions
- Other records
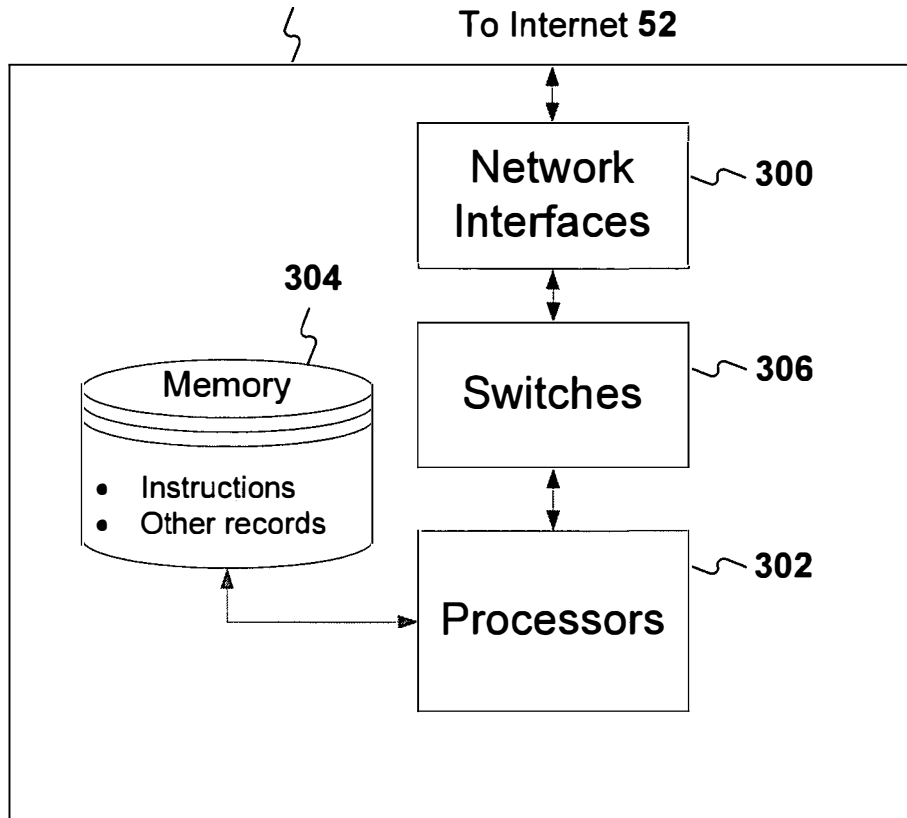
Switches **306**

Processors **302**

Figure 4

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