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(54) **SYSTEM AND METHOD FOR STRATEGIC
ANTI-MALWARE MONITORING**

(71) Applicant: **Tenable Network Security, Inc.**,
Columbia, MD (US)

(72) Inventors: **Marcus J. Ranum**, Morrisdale, PA
(US); **Ron Gula**, Mariottsville, MD
(US)

(73) Assignee: **TENABLE NETWORK SECURITY,
INC.**, Columbia, MD (US)

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CPC **H04L 63/145** (2013.01); **H04L 63/1416**
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(58) **Field of Classification Search**
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See application file for complete search history.

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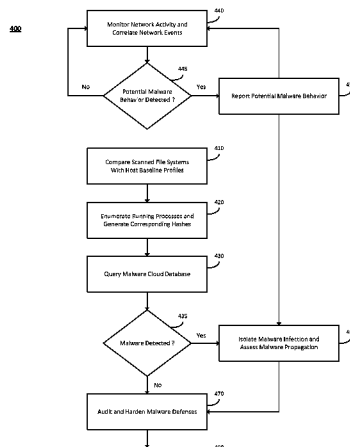
Primary Examiner — Justin T Darrow

(74) *Attorney, Agent, or Firm* — Muncy, Geissler, Olds &
Lowe, P.C.

(57) **ABSTRACT**

The system and method described herein may leverage active
network scanning and passive network monitoring to provide
strategic anti-malware monitoring in a network. In particular,
the system and method described herein may remotely con-
nect to managed hosts in a network to compute hashes or
other signatures associated with processes running thereon
and suspicious files hosted thereon, wherein the hashes may
communicated to a cloud database that aggregates all known
virus or malware signatures that various anti-virus vendors
have catalogued to detect malware infections without requir-
ing the hosts to have a local or resident anti-virus agent.
Furthermore, running processes and file system activity may
be monitored in the network to further detect malware infec-
tions. Additionally, the network scanning and network moni-
toring may be used to detect hosts that may potentially be
participating in an active botnet or hosting botnet content and
audit anti-virus strategies deployed in the network.

30 Claims, 5 Drawing Sheets



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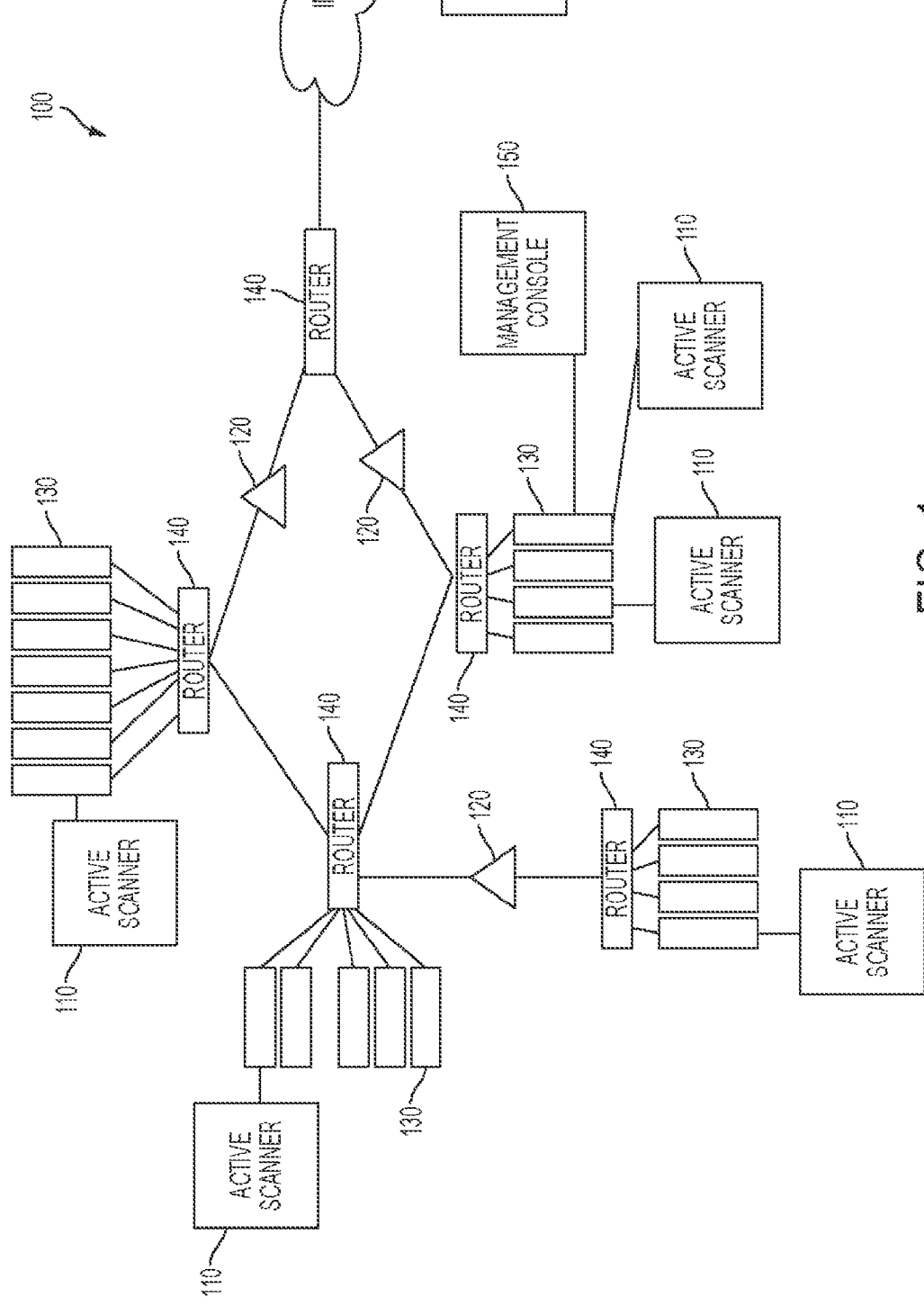


FIG. 1

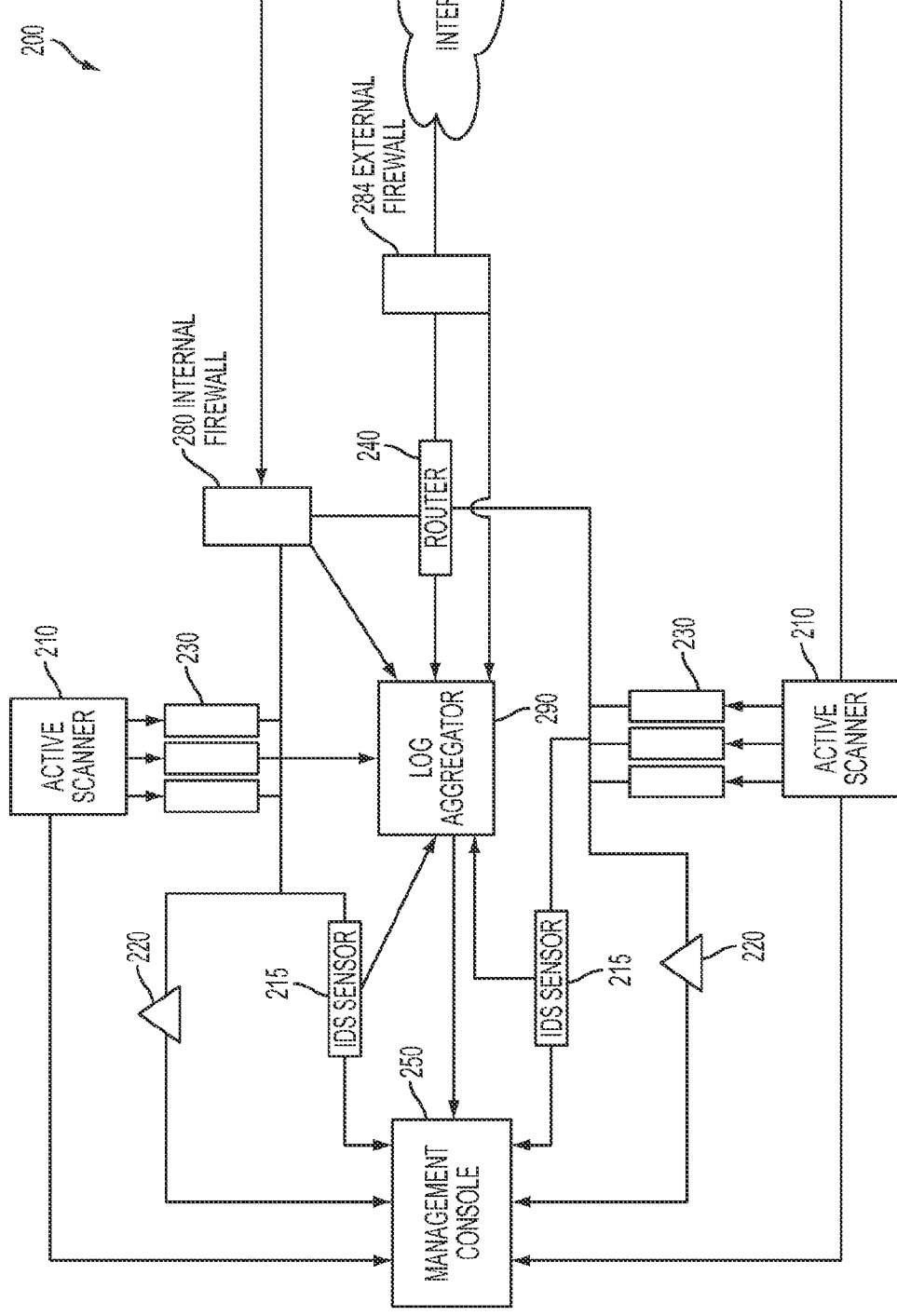


FIG. 2



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