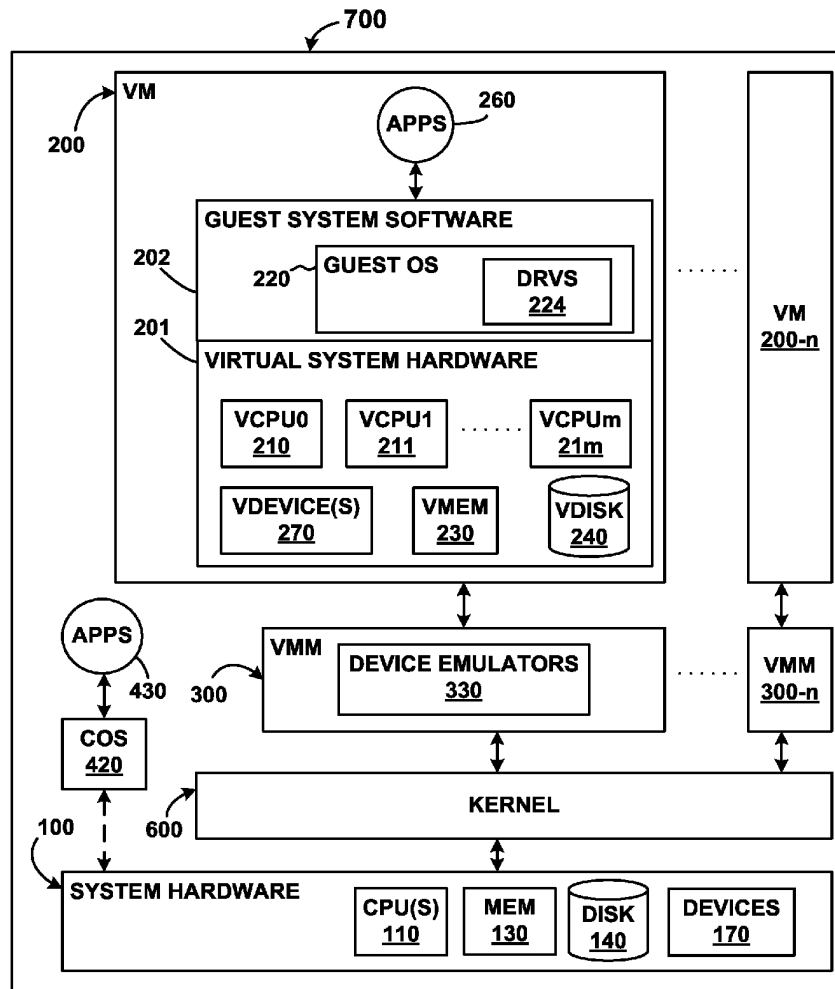


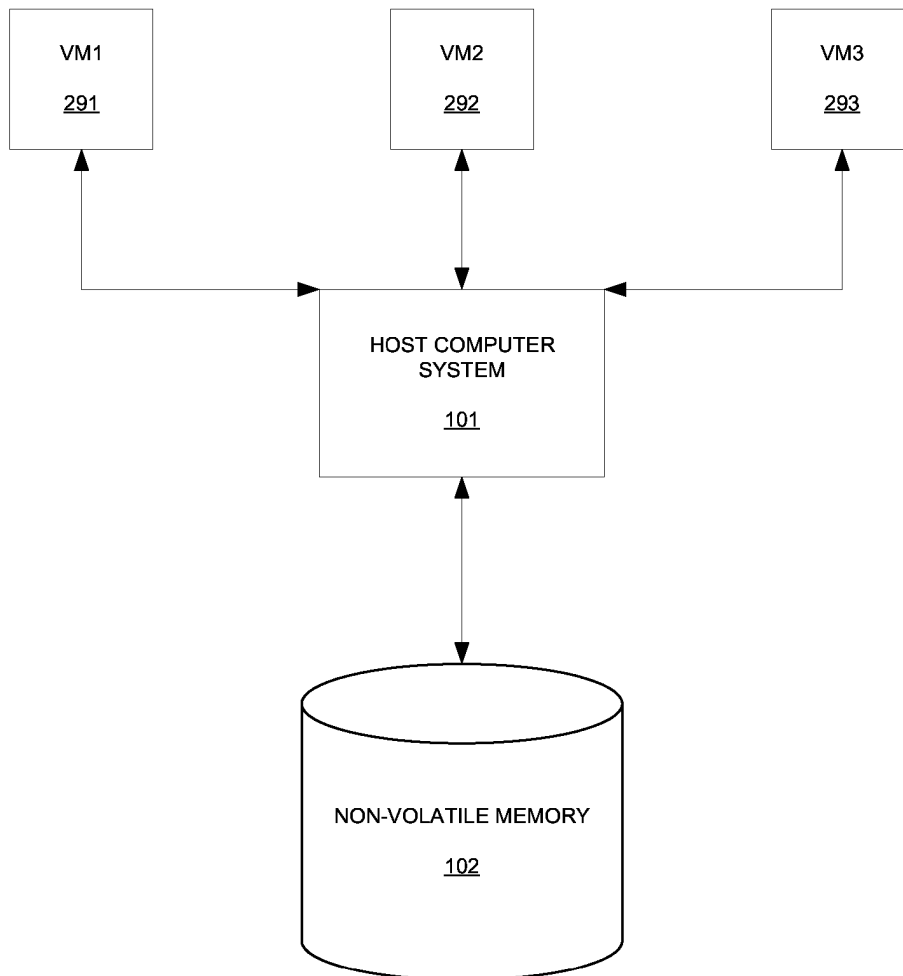


US 20130024940A1

(19) **United States**(12) **Patent Application Publication**
HUTCHINS et al.(10) **Pub. No.: US 2013/0024940 A1**(43) **Pub. Date: Jan. 24, 2013**(54) **OFFLOADING OPERATIONS TO A
REPLICATE VIRTUAL MACHINE**(60) Provisional application No. 60/788,032, filed on Mar.
31, 2006.(71) Applicant: **VMWARE, INC.**, Palo Alto, CA (US)**Publication Classification**(72) Inventors: **Gregory HUTCHINS**, San Francisco,
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Shaw CHUANG, Mountain View, CA
(US); **Bich Cau LE**, San Jose, CA (US)(51) **Int. Cl.**
G06F 21/00 (2006.01)
(52) **U.S. Cl.** **726/24**(57) **ABSTRACT**(73) Assignee: **VMWARE, INC.**, Palo Alto, CA (US)(21) Appl. No.: **13/623,411**(22) Filed: **Sep. 20, 2012****Related U.S. Application Data**(63) Continuation of application No. 11/545,662, filed on
Oct. 10, 2006, now Pat. No. 8,296,759.

A method for detecting malicious code within a first virtual machine comprising creating a snapshot of the first virtual machine and transferring the snapshot to a second machine. A scan operation is run on the snapshot using resources of the second machine. In response to detecting malicious code during the scan operation, action is taken at the first virtual machine to address the detection of the malicious code. Thus, the action in response to detecting the malicious code may include placing the first virtual machine in quarantine.



**FIG. 1**

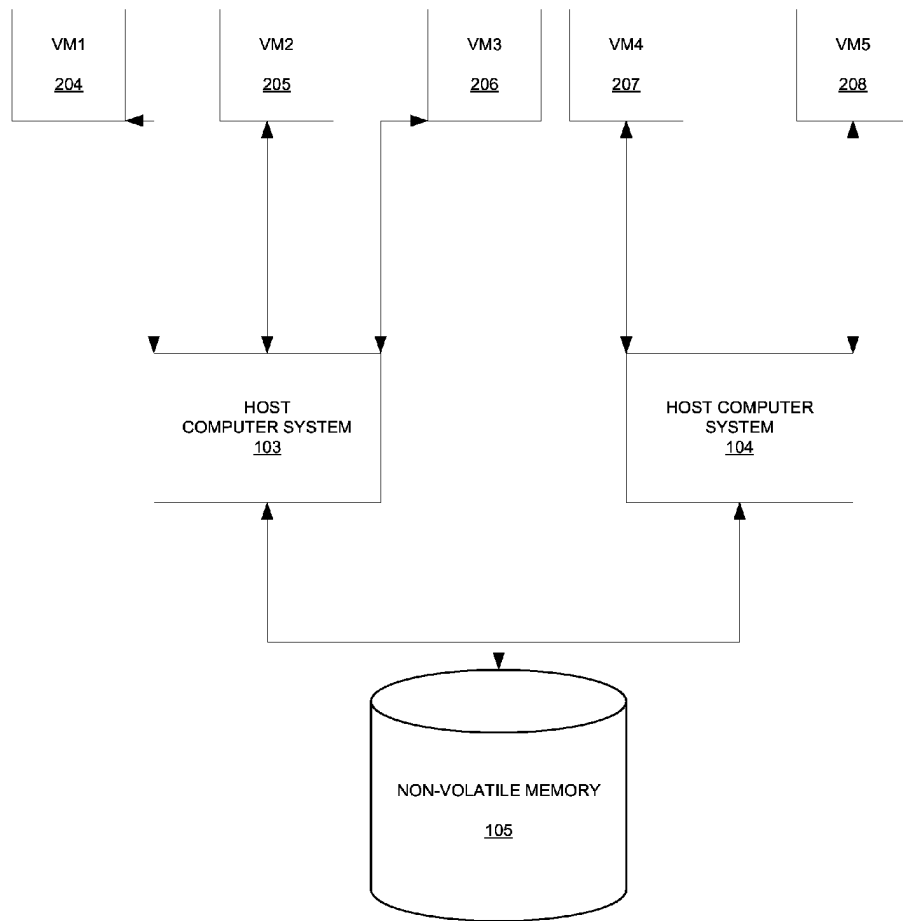


FIG. 2

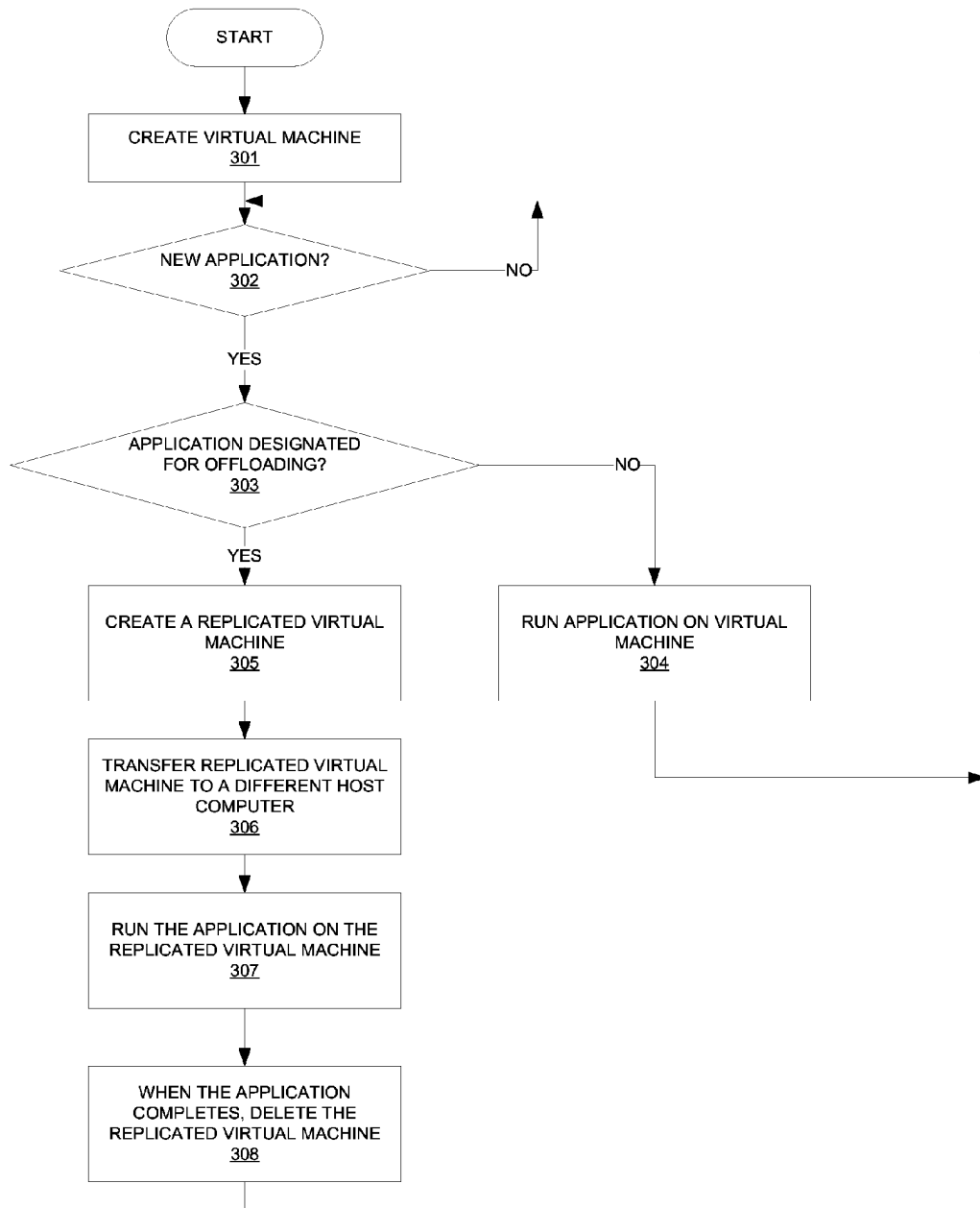


FIG. 3

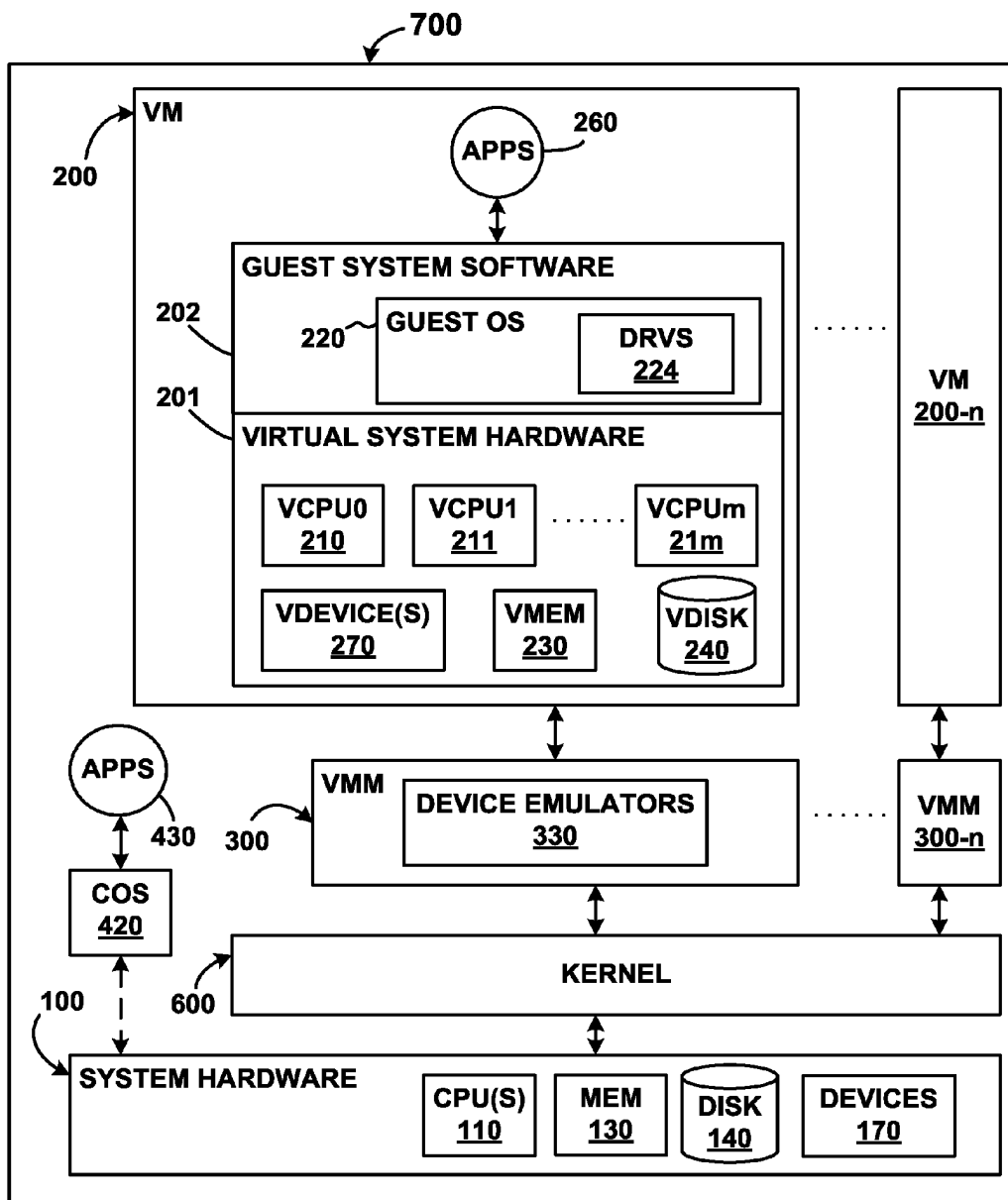


FIG. 4

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