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**Nguyen**

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(54) **SECURED VIRTUAL NETWORK IN A GAMING ENVIRONMENT**

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(52) **U.S. Cl.** ..... **380/278**; 463/29

(58) **Field of Classification Search** ..... 463/29;  
350/251; 705/59; 713/200, 201; 380/278  
See application file for complete search history.

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*Primary Examiner*—Gilberto Barron, Jr.

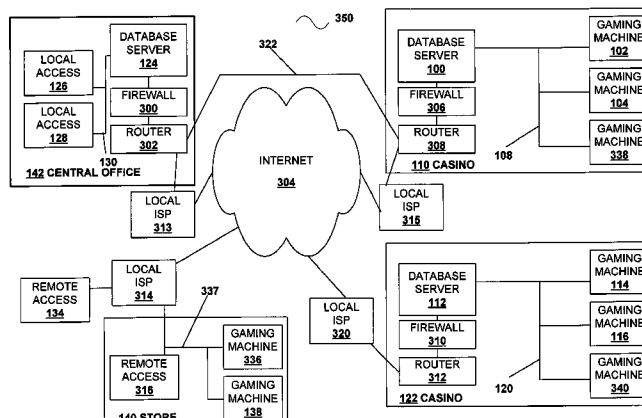
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(57) **ABSTRACT**

A disclosed gaming machine may securely communicate with devices over a public network such as the Internet. The gaming machine utilizes a combination of symmetric and asymmetric encryption that allows a single gaming machine to securely communicate with a remote server using a public network. A wireless or wired communication gateway on the gaming machine may be used to access the public network. Using the encryption scheme, methods are described for providing game licenses, data acquisition and other gaming transactions, such as gaming machine software version management, gaming machine diagnostics and gaming machine configuration management, between a gaming machine and a remote server.

**43 Claims, 8 Drawing Sheets**



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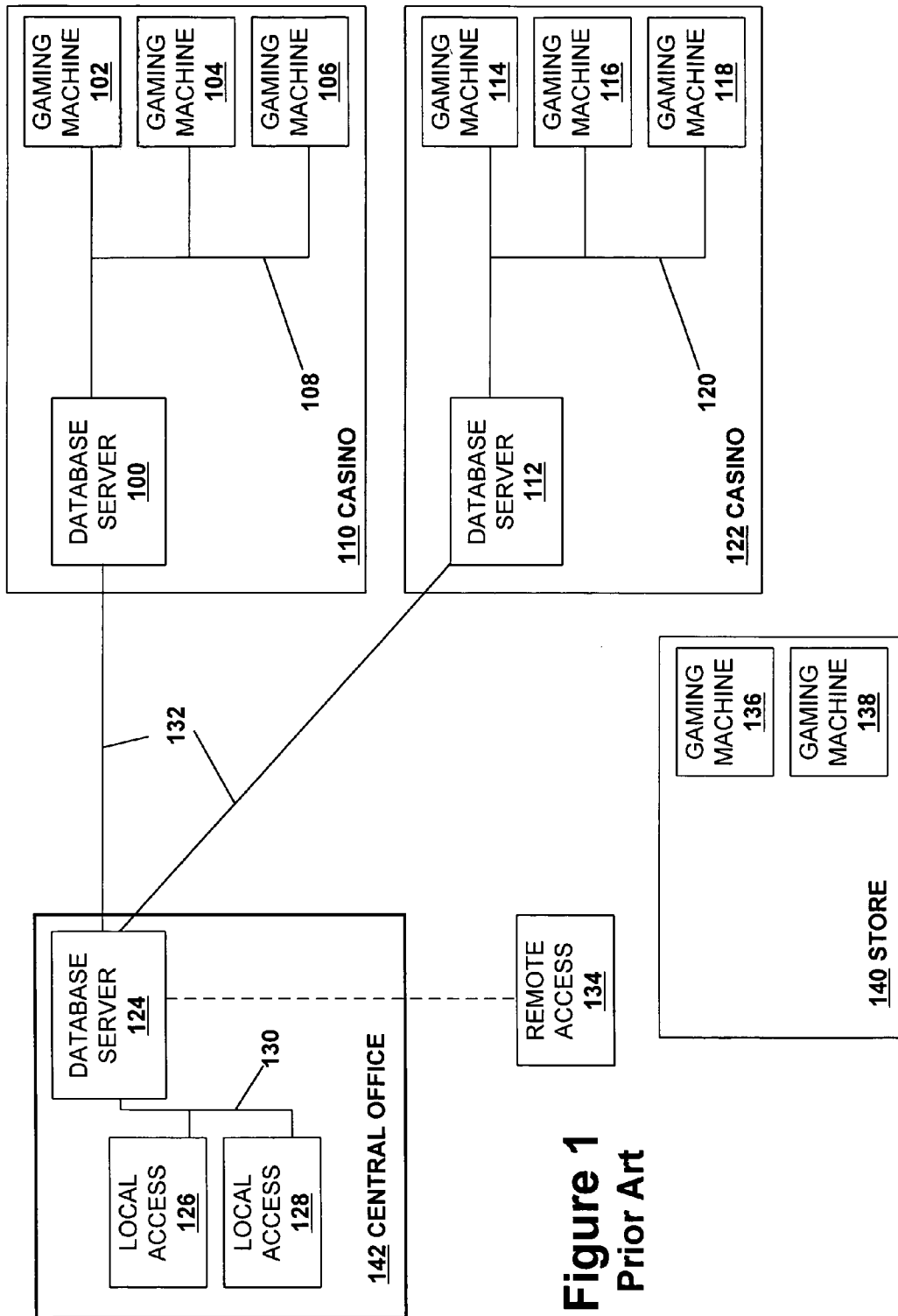
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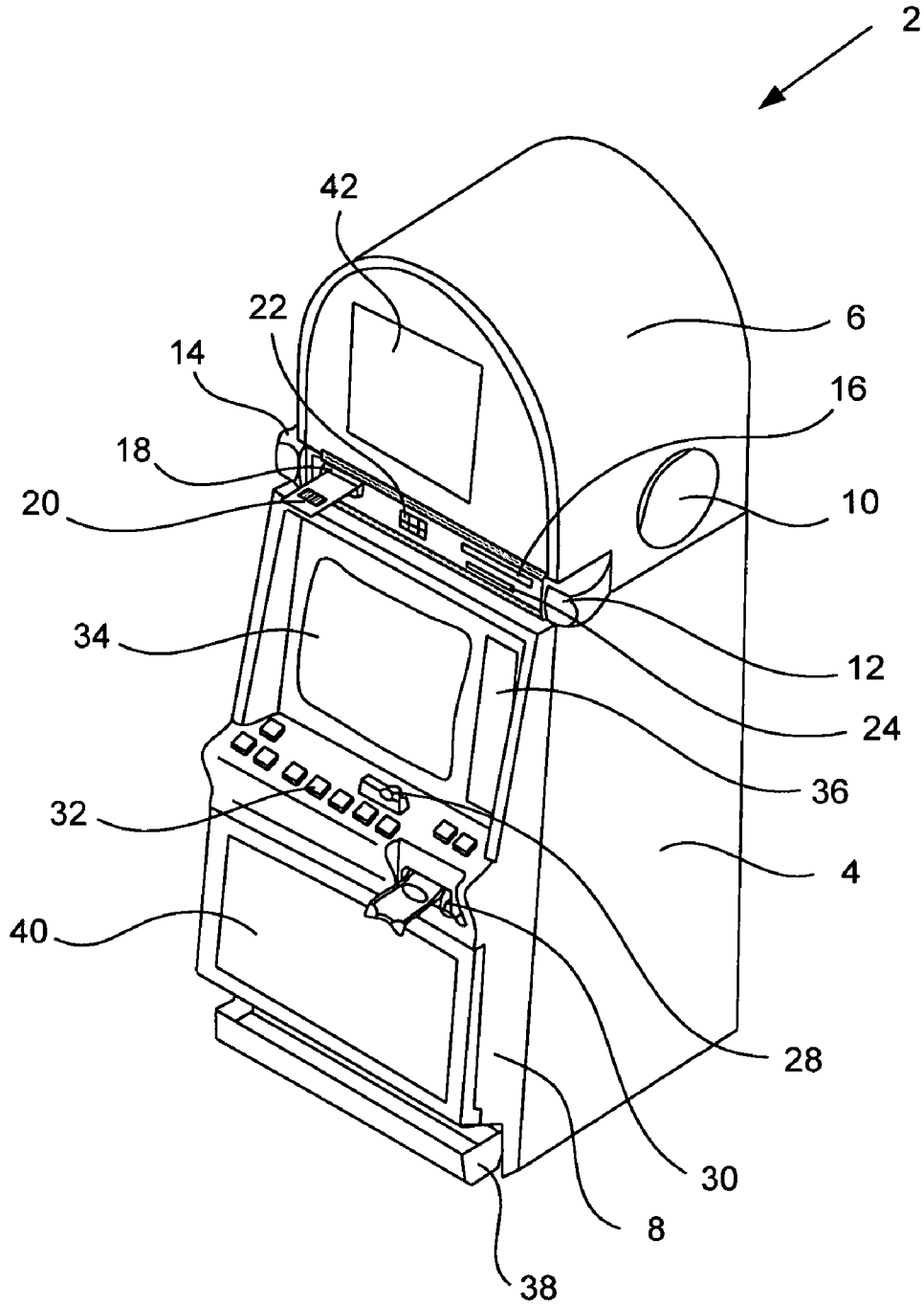
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**Figure 1**  
Prior Art



**FIG. 2**

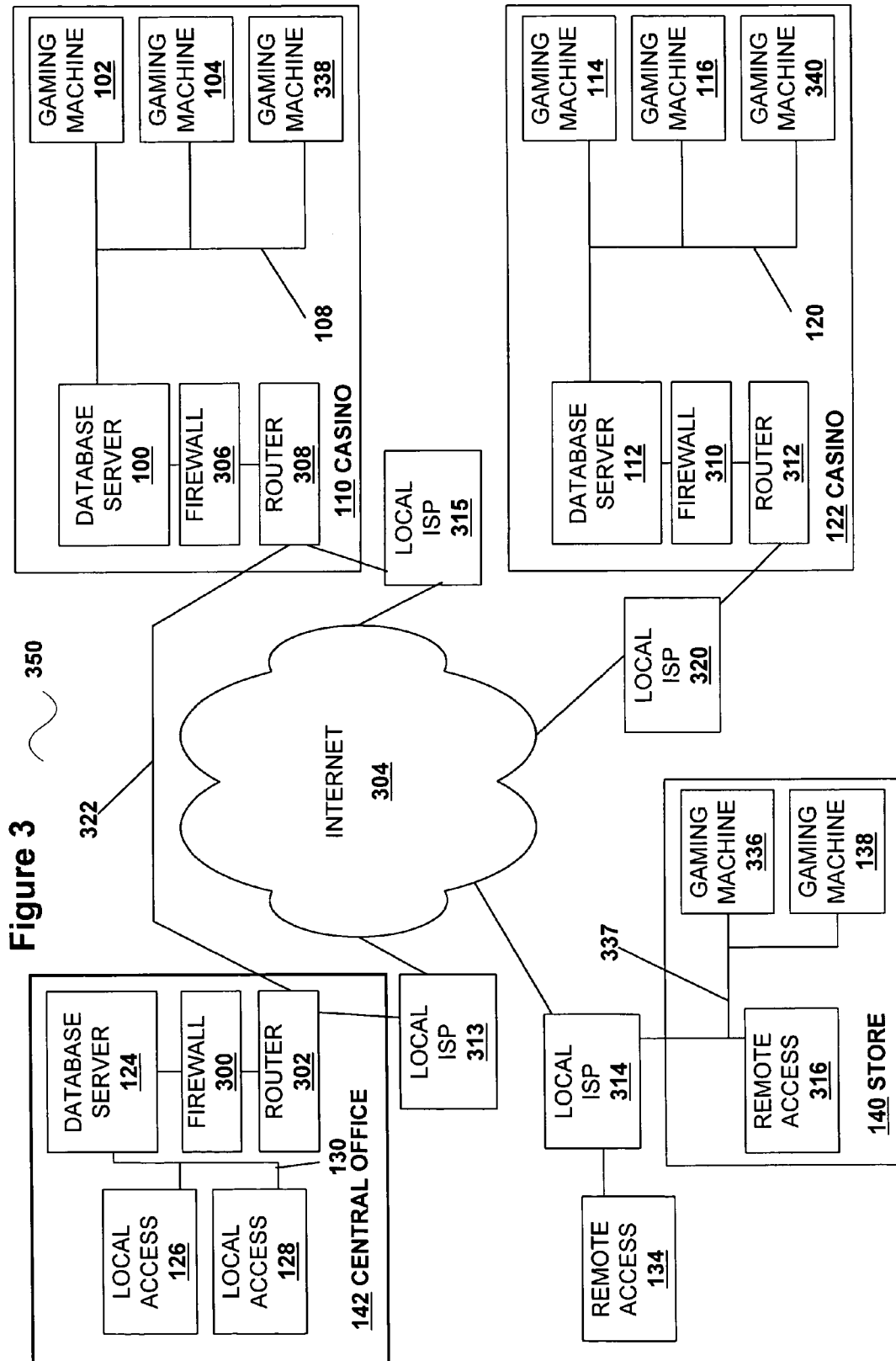


Figure 3

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