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(12) **United States Patent**  
**Dobner et al.**

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(54) **METHOD AND APPARATUS FOR ESTABLISHING A SECURE COMMUNICATION CONNECTION BETWEEN A JAVA APPLICATION AND SECURE SERVER**

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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 0 days.

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(51) Int. Cl.<sup>7</sup> ..... **H04L 9/00**

(52) U.S. Cl. .... **713/156; 709/223**

(58) **Field of Search** ..... 713/156, 200, 713/155, 201; 709/223, 227, 228, 229

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*Primary Examiner*—Kim Vu

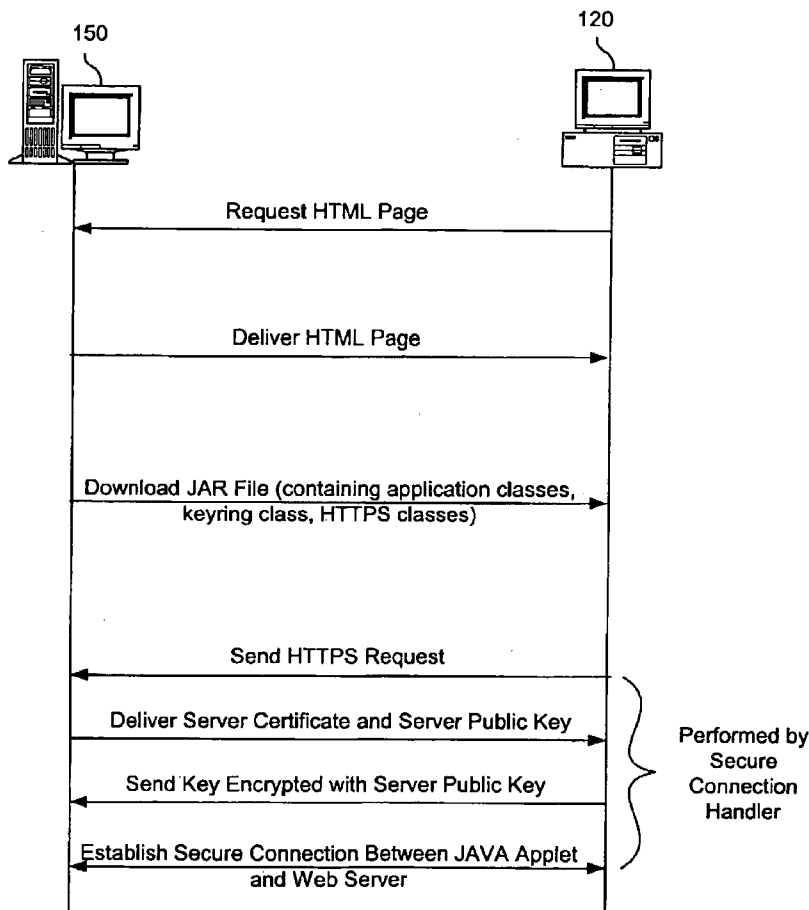
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(57) **ABSTRACT**

A method and apparatus for establishing a secure communication connection between a Java application or applet and a secure server is provided. An HTTPS handler is provided that may be used by Java applications or applets to establish secure communication connections with secure Web servers.

**46 Claims, 8 Drawing Sheets**



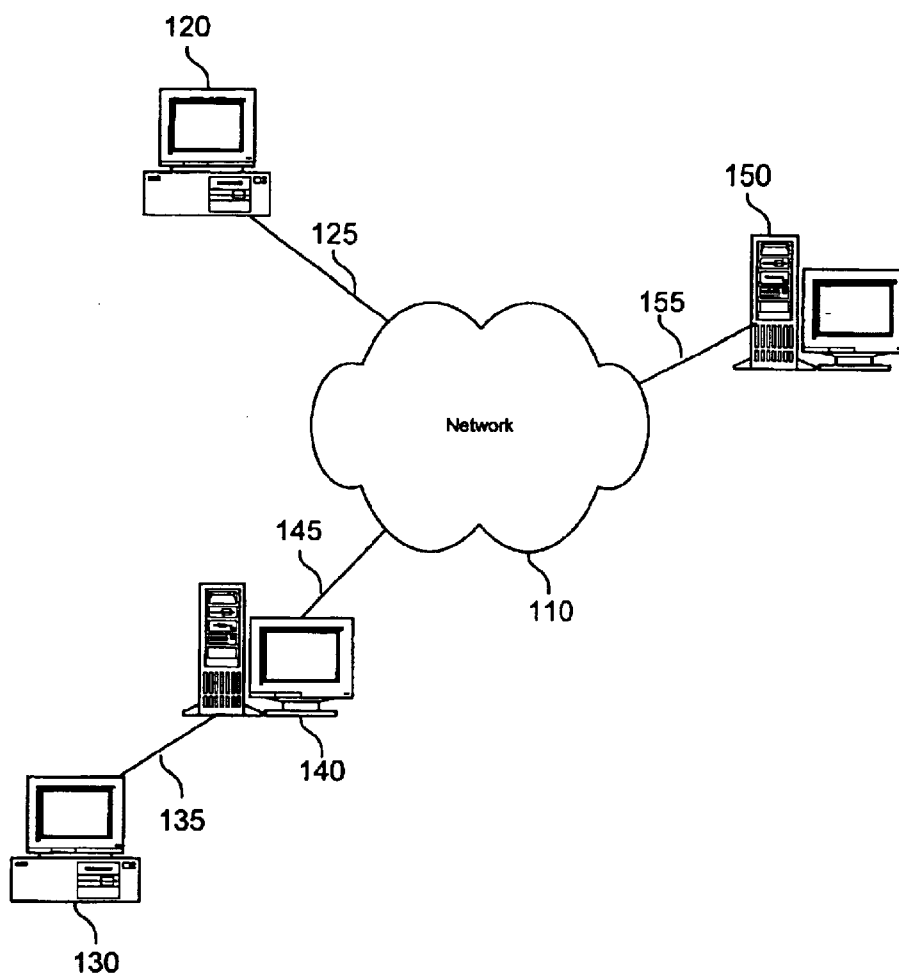


Figure 1

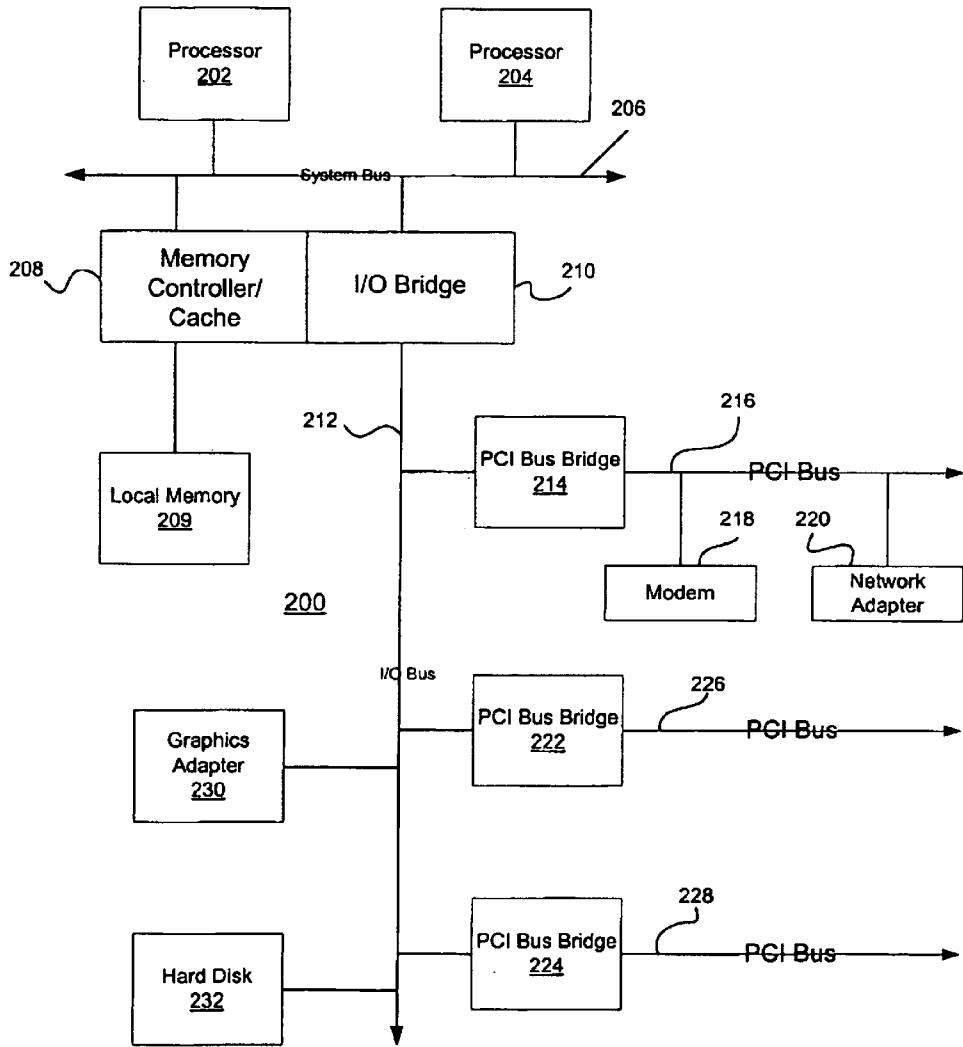


Figure 2

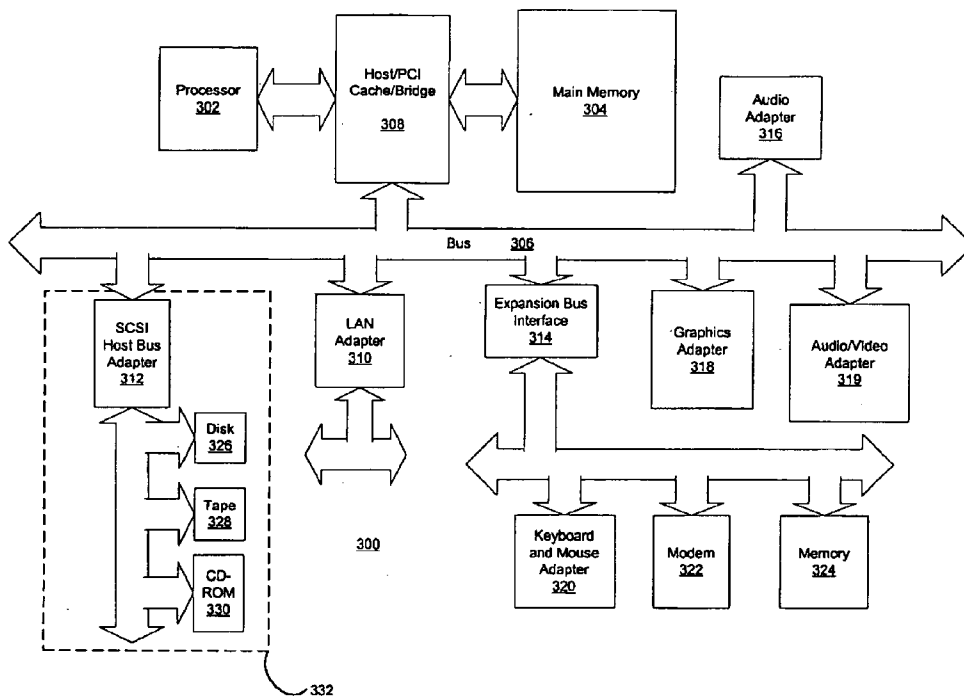


Figure 3

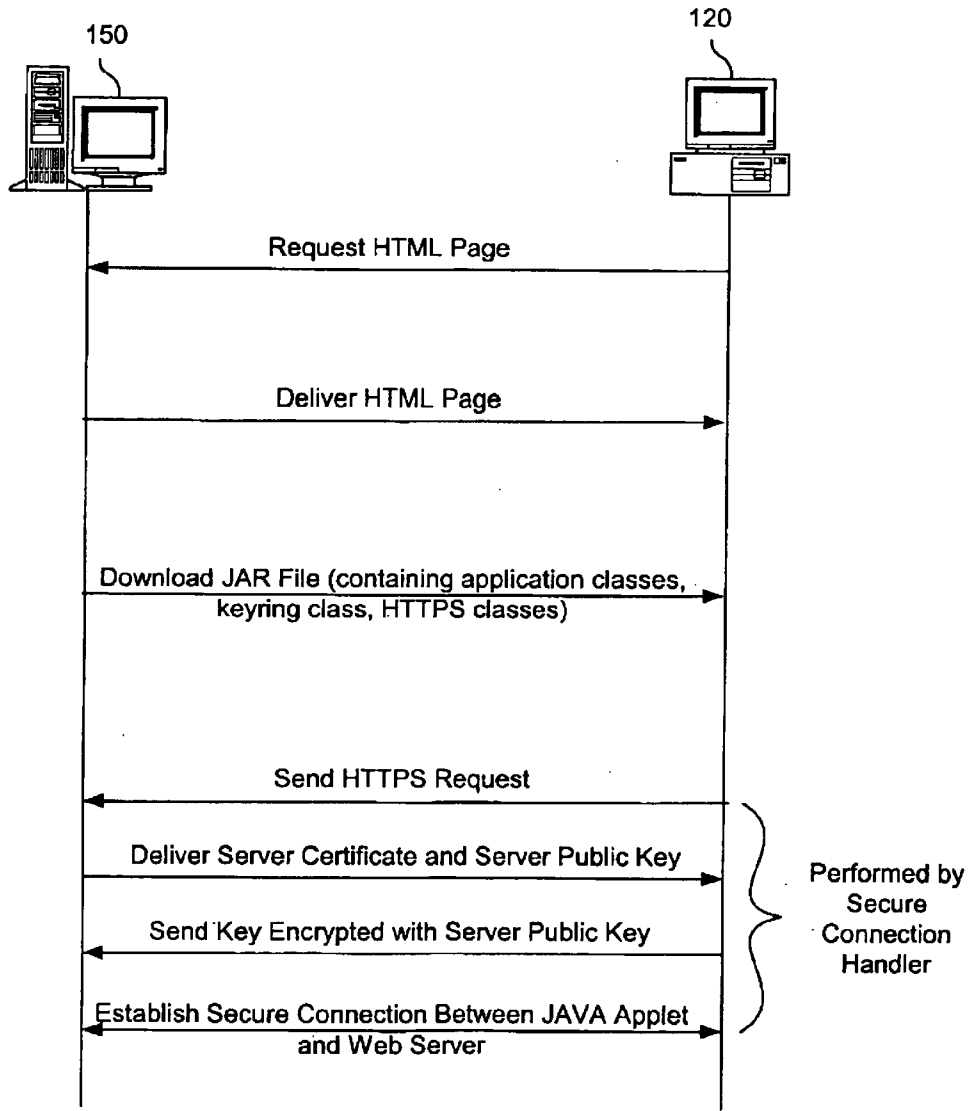


Figure 4

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