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(54) TRANSPARENT PROXY SERVER

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(*) Notice: This patent issued on a continued prosecution application filed under 37 CFR 1.53(d), and is subject to the twenty year

> patent term provisions of 35 U.S.C. 154(a)(2).

> Under 35 U.S.C. 154(b), the term of this patent shall be extended for 0 days.

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395/200.55, 200.59, 200.47, 200.49, 684;

> 370/401; 709/227, 225, 229, 217, 218, 219, 230, 300, 302; 713/201

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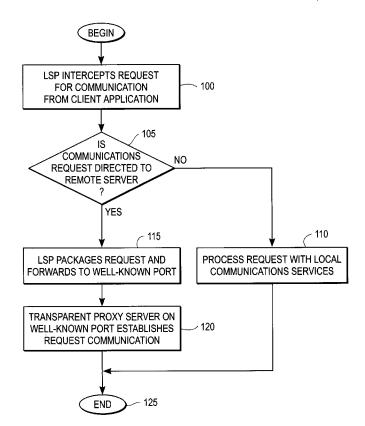
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ABSTRACT

A transparent proxy. In a computer system, a layered service provider intercepts a communications request from a client application in the native protocol of the communications request wherein the communications request requests communication with a remote server. The service provider bundles and passes the communications request to a predetermined port. A transparent proxy application listening on the predetermined port receives the communications request in the native protocol of the request and establishes the requested communication.

25 Claims, 5 Drawing Sheets





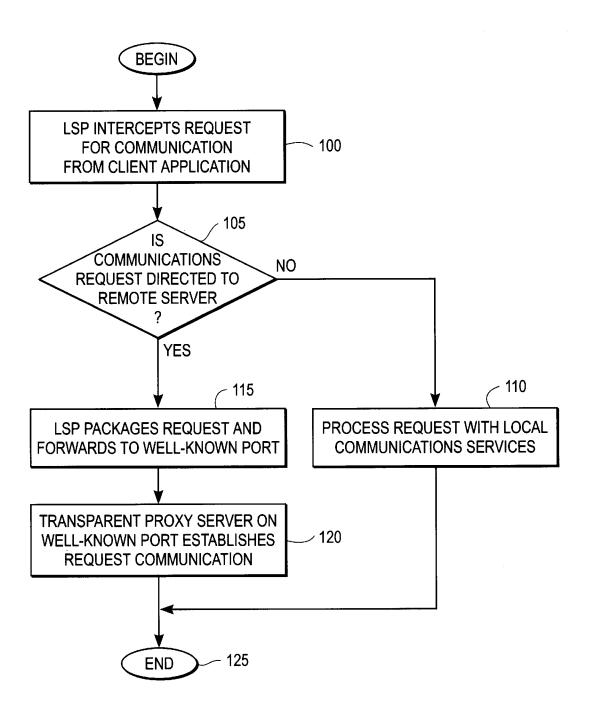
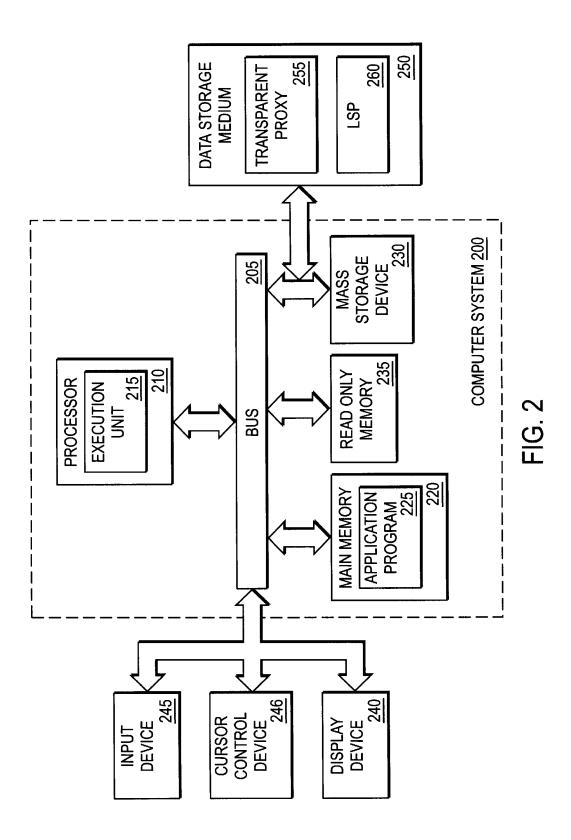
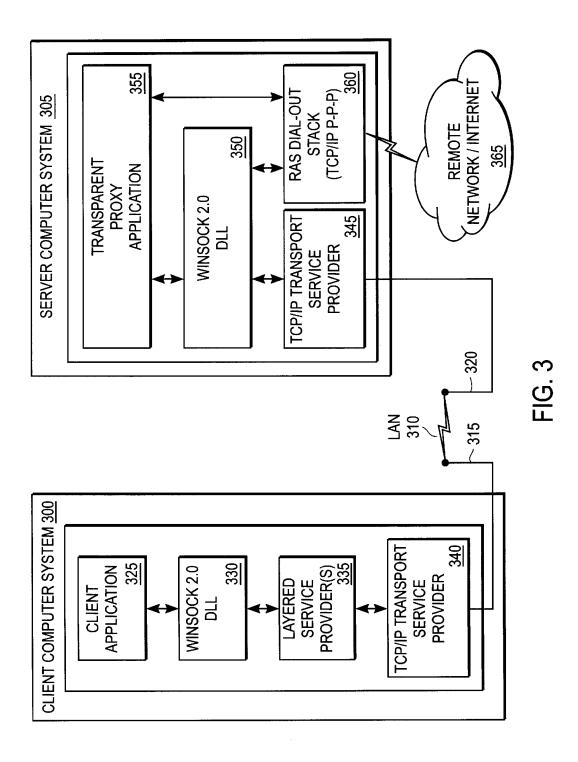


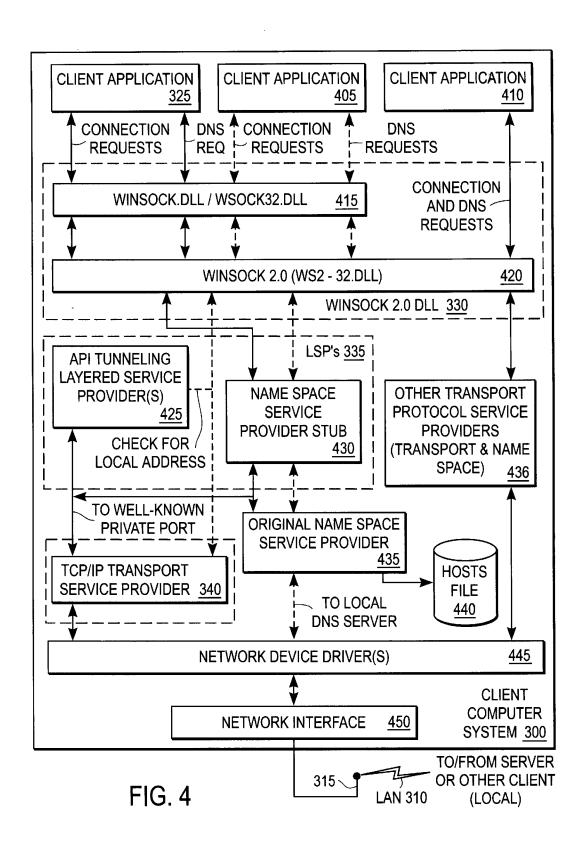
FIG. 1













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