

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

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- (54) **VIDEO AND AUDIO STREAMING FOR MULTIPLE USERS**
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- (22) Filed: **Dec. 31, 1997**
- (51) **Int. Cl.**<sup>7</sup> ..... **G06F 15/16**
- (52) **U.S. Cl.** ..... **709/231; 707/505; 379/88**
- (58) **Field of Search** ..... 709/302, 204, 709/227, 218, 231; 707/104, 10; 395/187.01; 345/302, 329, 158, 327; 705/517; 348/15; 379/88

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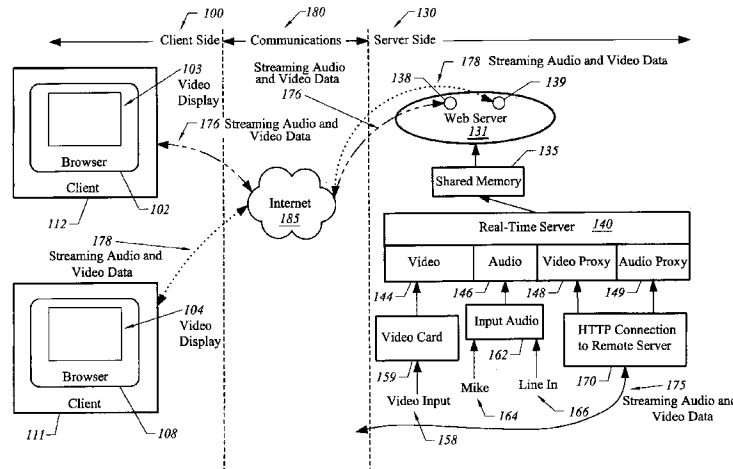
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(57) **ABSTRACT**

A system and method of providing streaming audio and video data to multiple users is described. In one embodiment, the system comprises a first client, a second client and a server. The first and second clients are executing browsers. The server can communicate with the two clients. The server concurrently provides streaming audio and video data to both of the clients. Importantly, the server does not require the two browsers to use a plug-in or a helper application to receive and use the streaming audio and video data.

**4 Claims, 5 Drawing Sheets**



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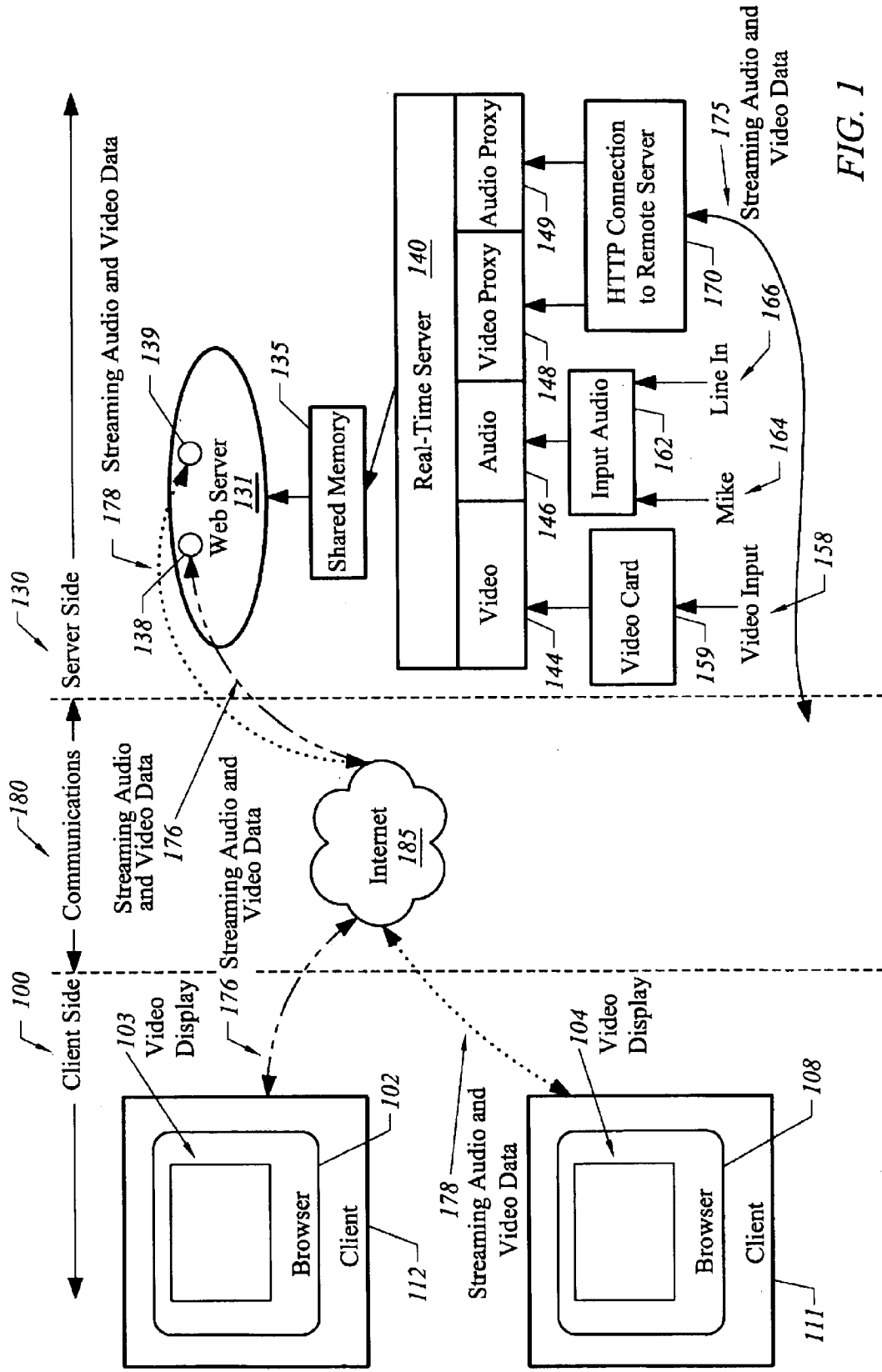


FIG. 1

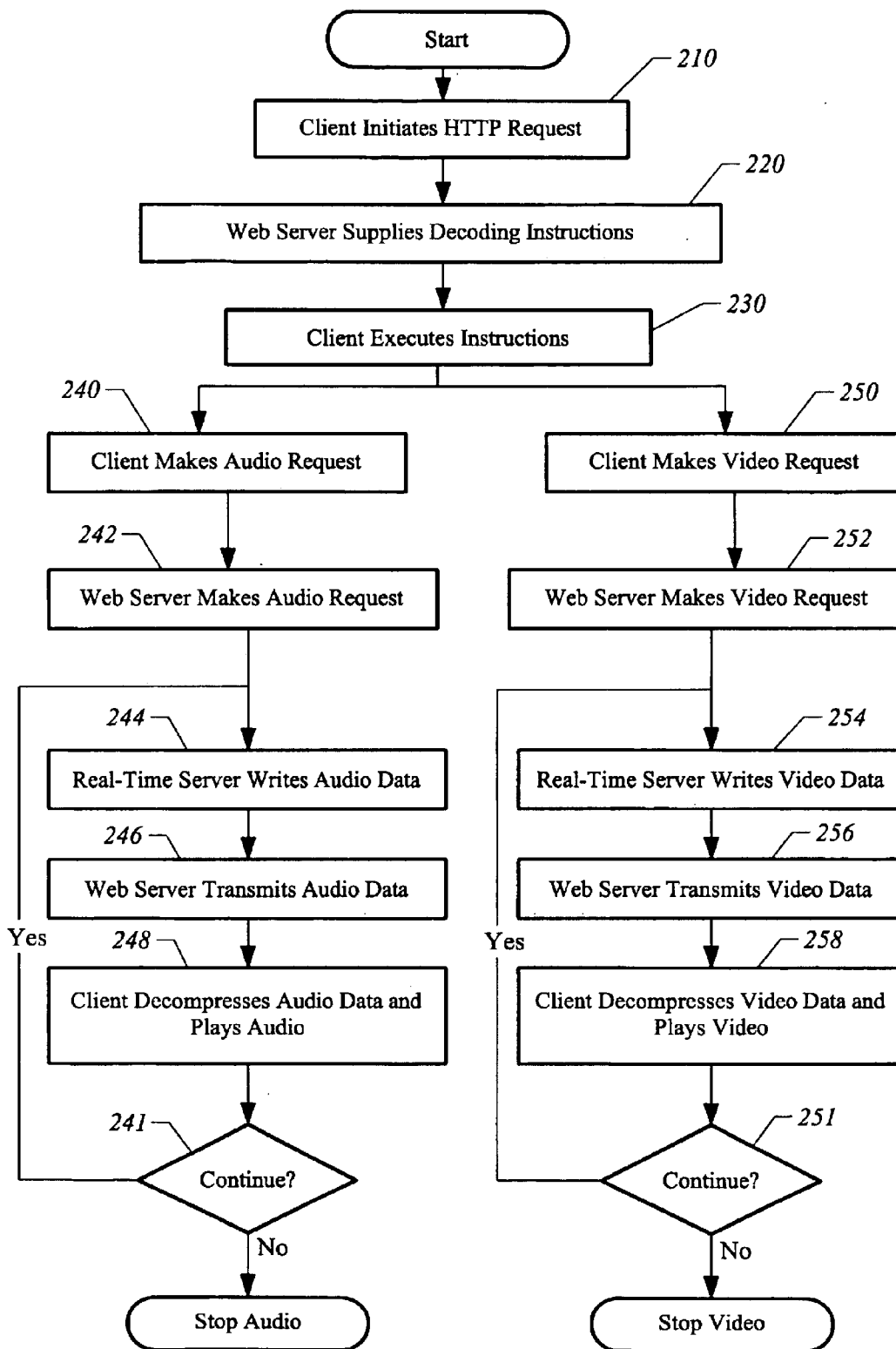


FIG. 2

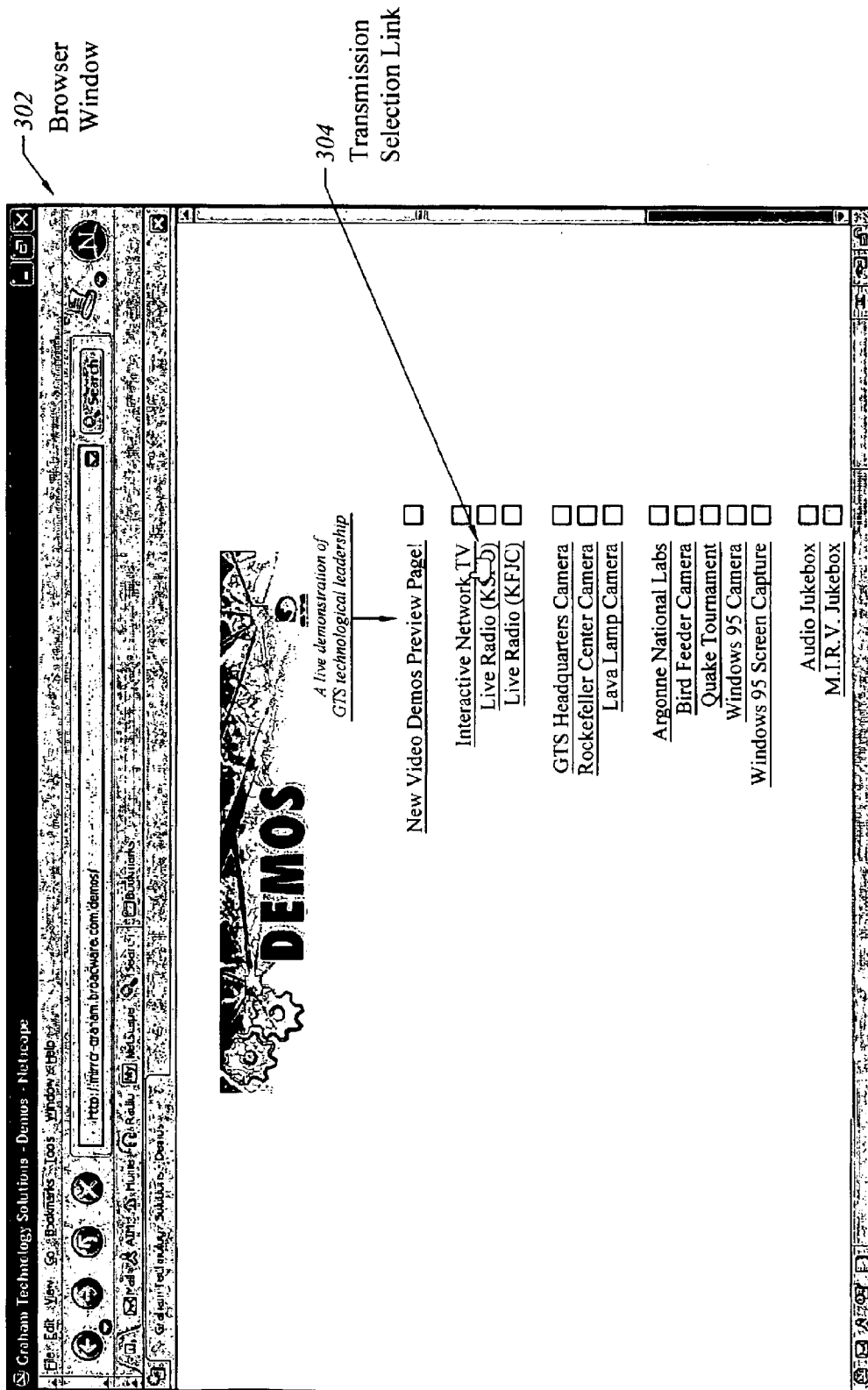


FIG. 3.

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