

(12) **United States Patent**  
**Christie, IV**

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- (54) **MULTIMEDIA CHANNEL MANAGEMENT THROUGH PSTN SIGNALING**
- (75) Inventor: **Samuel Henry Christie, IV**, Cary, NC (US)
- (73) Assignee: **Nortel Networks Limited**, St. Laurent (CA)
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- (22) Filed: **Nov. 6, 1998**
- (51) **Int. Cl.**<sup>7</sup> ..... **H04L 12/50**; H04L 12/52
- (52) **U.S. Cl.** ..... **370/355**; 370/261; 370/352; 370/389; 379/93.01; 379/900; 379/901; 379/908
- (58) **Field of Search** ..... 370/261, 351, 370/352, 353, 354, 355, 356, 357, 389; 379/93.01, 93.09, 93.11, 93.14, 93.15, 202, 231, 234, 900, 901, 908

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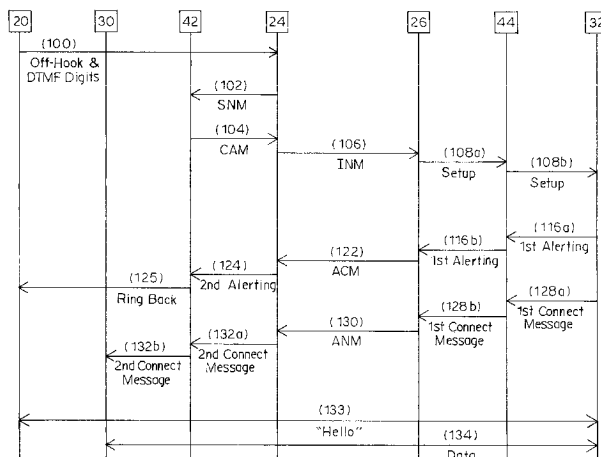
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*Primary Examiner*—Hassan Kizou  
*Assistant Examiner*—Joe Logsdon  
(74) *Attorney, Agent, or Firm*—Withrow & Terranova, P.L.L.C.

(57) **ABSTRACT**

A method and apparatus establishes through the public switch telephone network, a multimedia communications session between first and second telecommunications infrastructure. Each infrastructure is located on a separate private data network and comprises logic to automatically establish an integrated voice and data session initiated by a single telephone call from one infrastructure to the other.

**40 Claims, 12 Drawing Sheets**



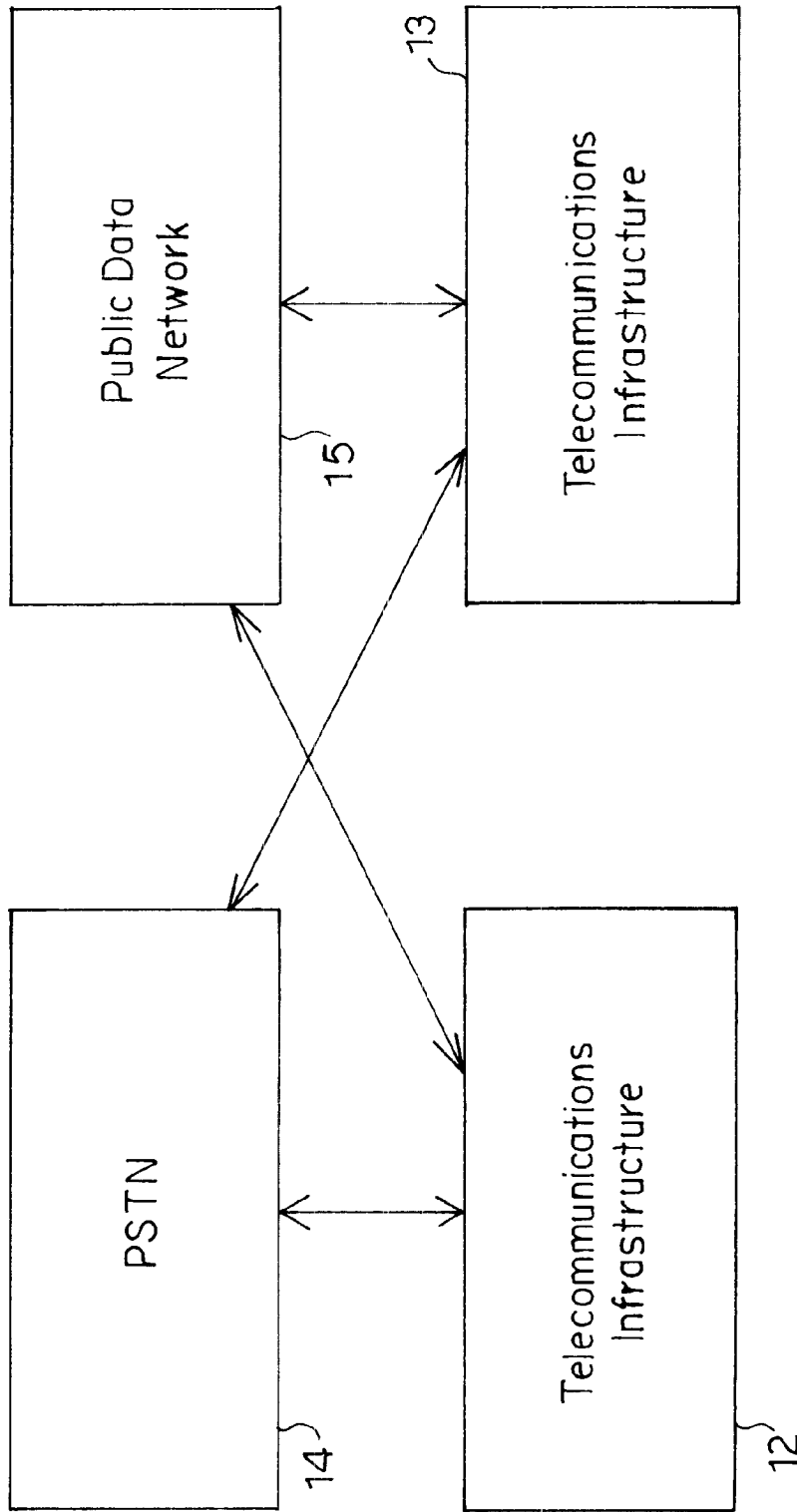


FIG. 1

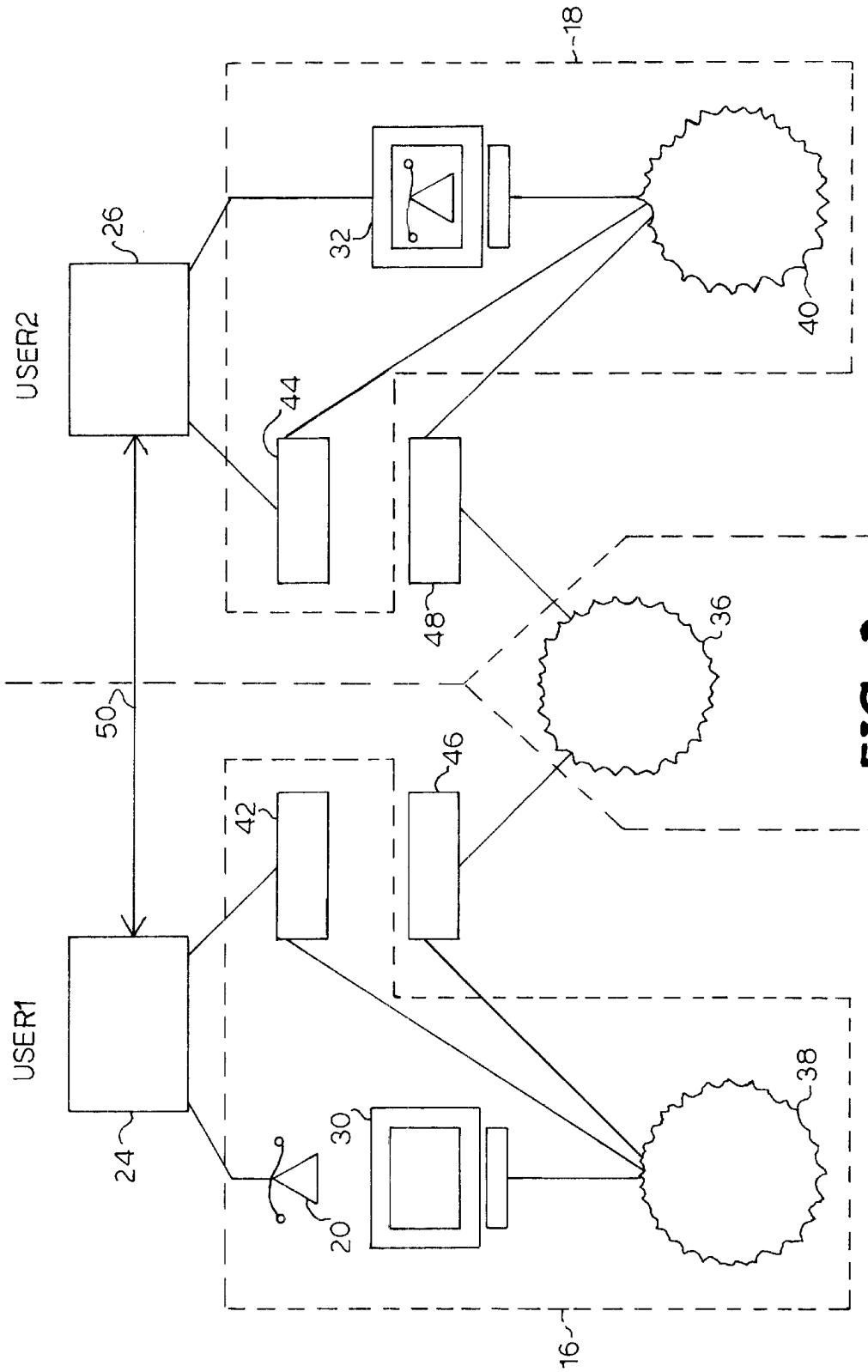


FIG. 2

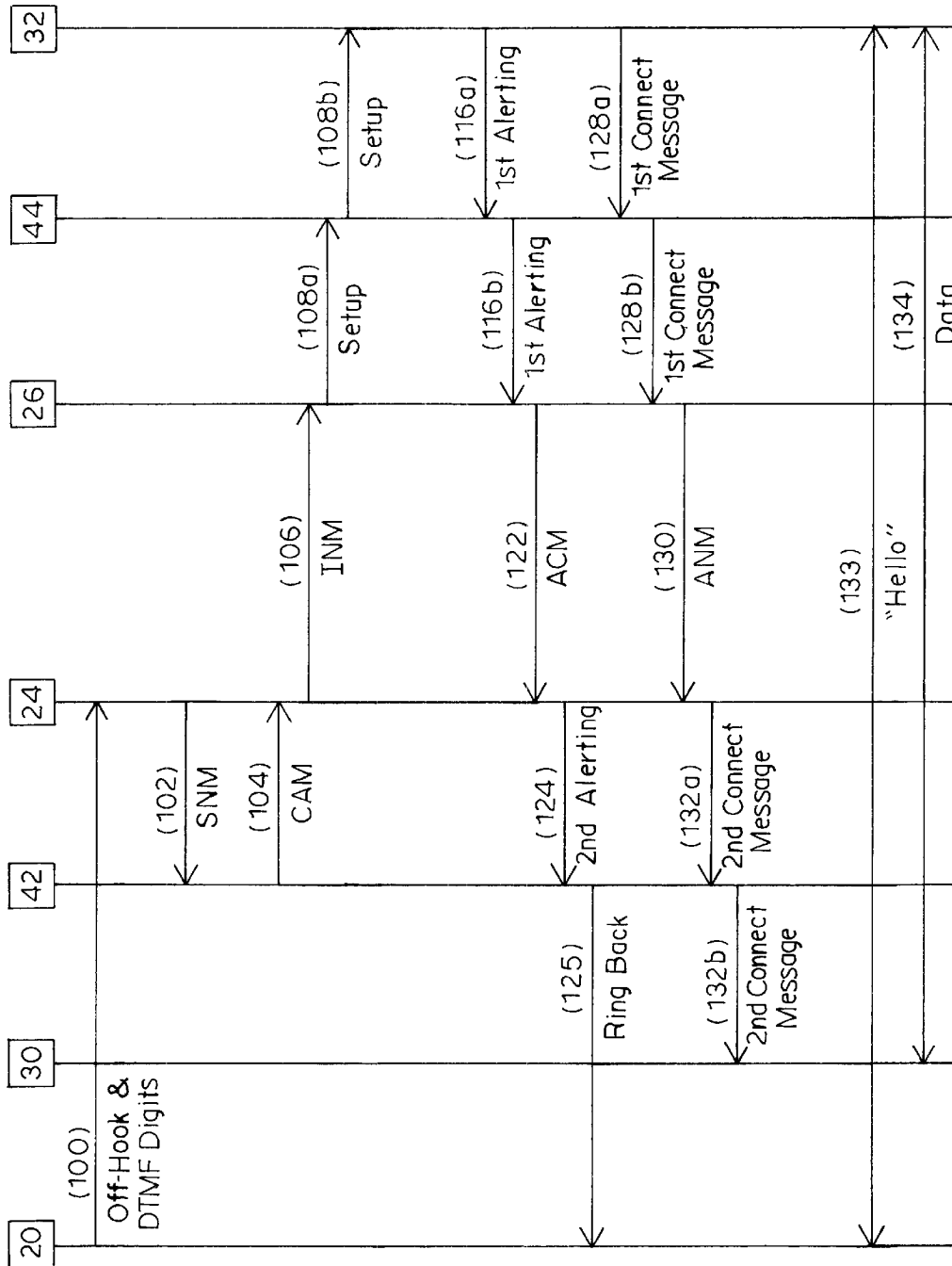


FIG. 3

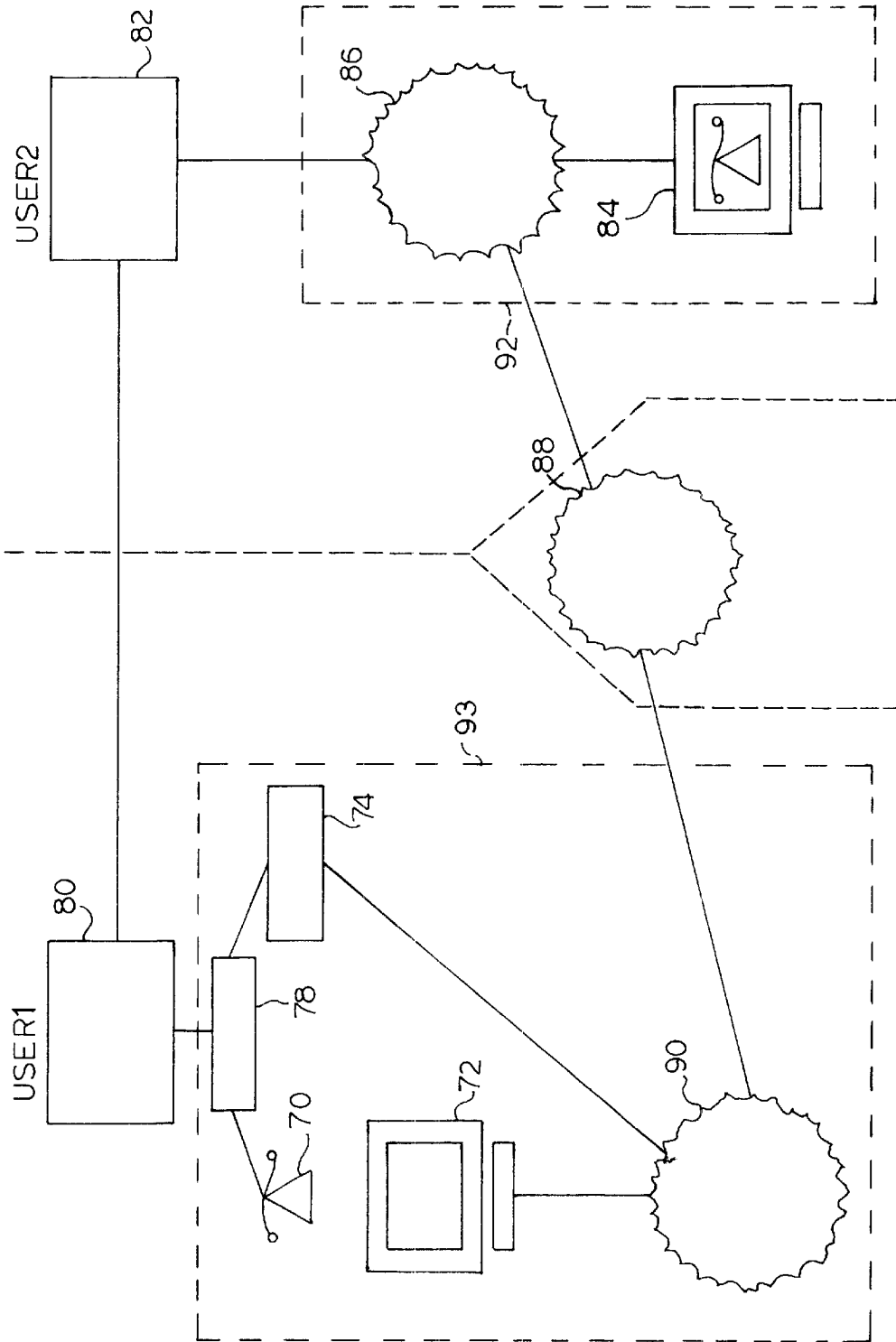


FIG. 4

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