



US006493020B1

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

(10) **Patent No.:** US 6,493,020 B1

(45) **Date of Patent:** Dec. 10, 2002

(54) **TELEVISION VIDEO PHONE**

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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.

(57) **ABSTRACT**

(21) Appl. No.: **09/587,379**

A system and method for performing videophone operations over a television. The system includes a television system, a transceiver and a personal computer that is coupled to a communications network and the transceiver. The television system includes a camera, a microphone, a wireless receiver for wirelessly receiving audio and video signals, a signal processor for processing the received audio and video signals for presentation on a television. The transceiver includes a receiver for wirelessly receiving audio and video signals from the television system, and a transmitter for wirelessly sending audio and video signals to the television system. The personal computer includes a memory and a processor for executing program instructions stored in memory for receiving audio and video data over the communications network, for receiving audio and video data from the personal computer transceiver, and for sending the audio and video data received from the personal computer transceiver to a recipient system over the communications network.

(22) Filed: **Jun. 1, 2000**

(51) **Int. Cl.**⁷ **H04N 7/14**

(52) **U.S. Cl.** **348/14.04; 348/14.05; 348/14.01**

(58) **Field of Search** 348/14.01, 14.02, 348/14.03, 14.04, 14.054, 14.06, 14.08, 14.09, 7.34; 455/419, 420; H04N 7/14

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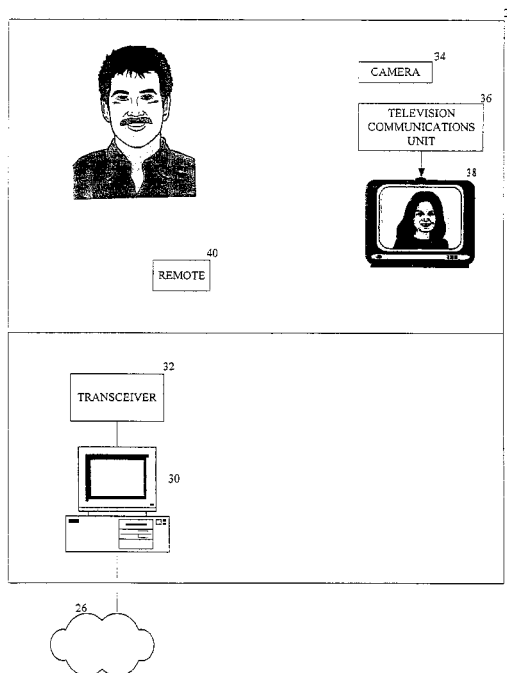
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19 Claims, 8 Drawing Sheets



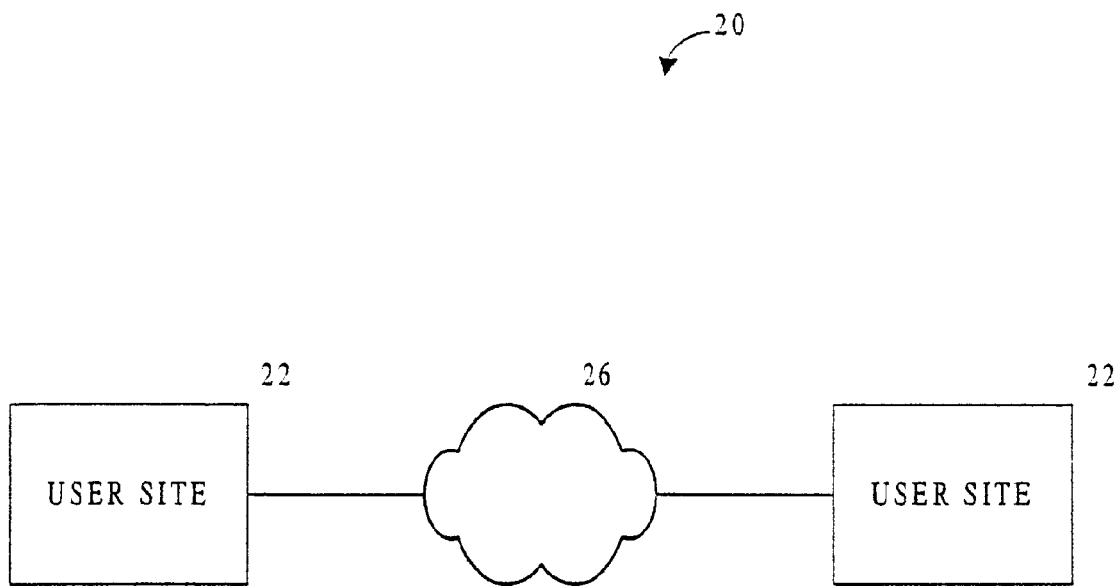


FIG. 1.

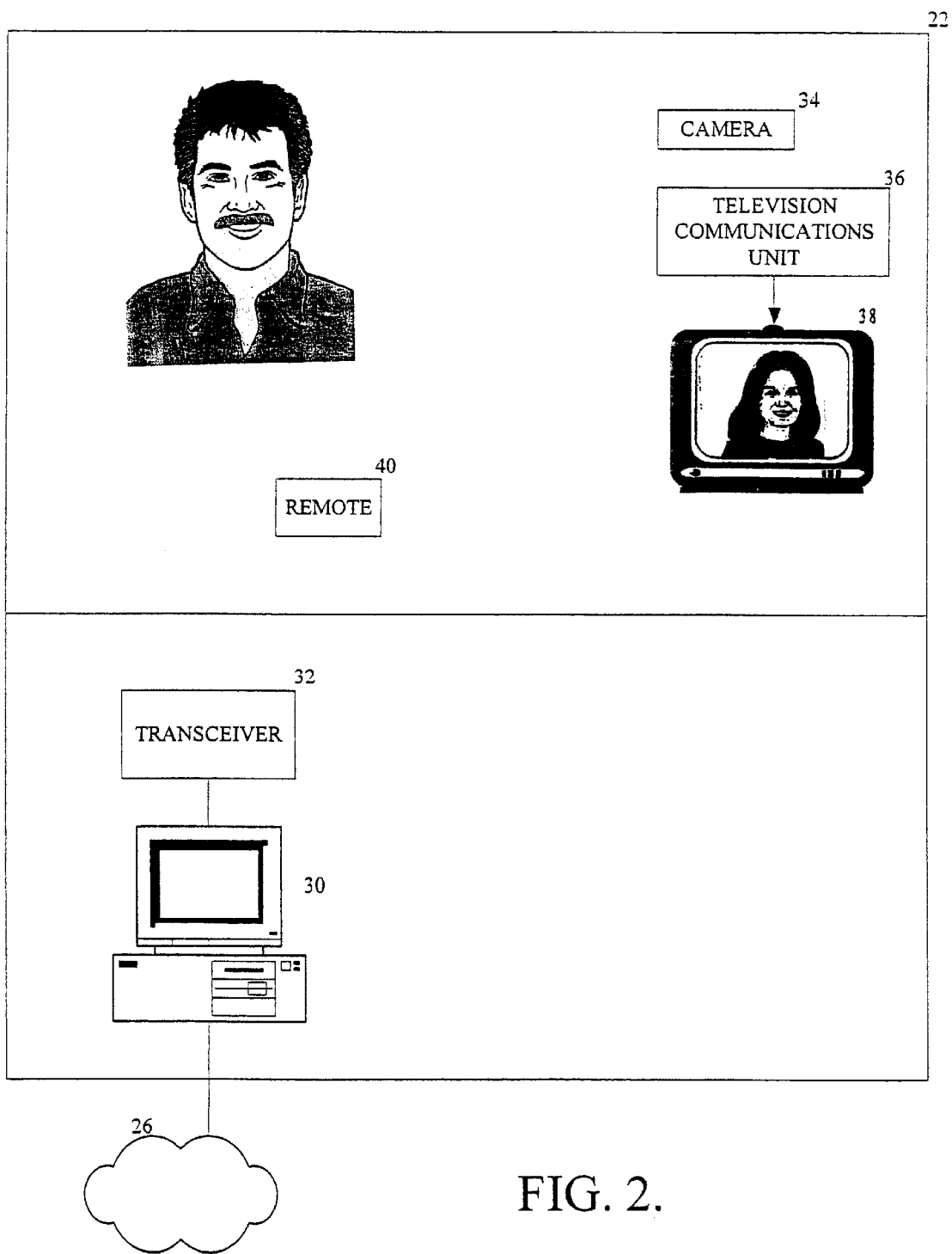


FIG. 2.

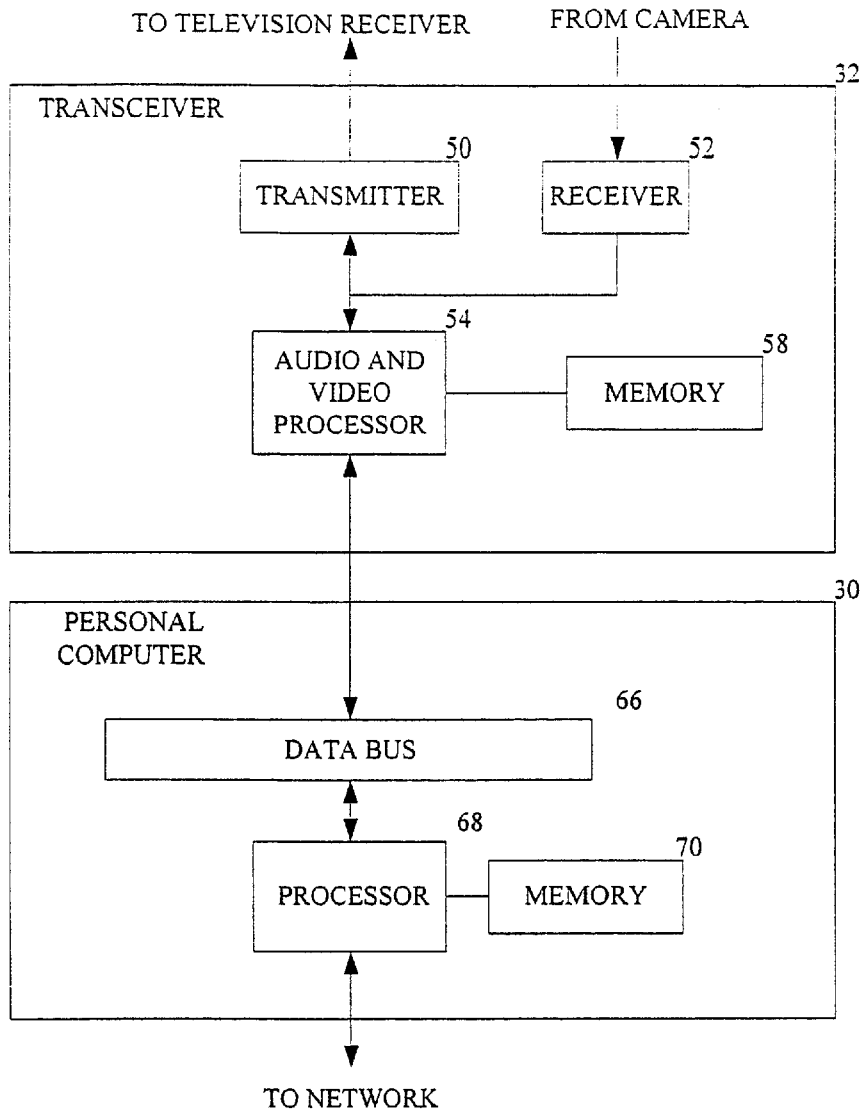


FIG. 3.

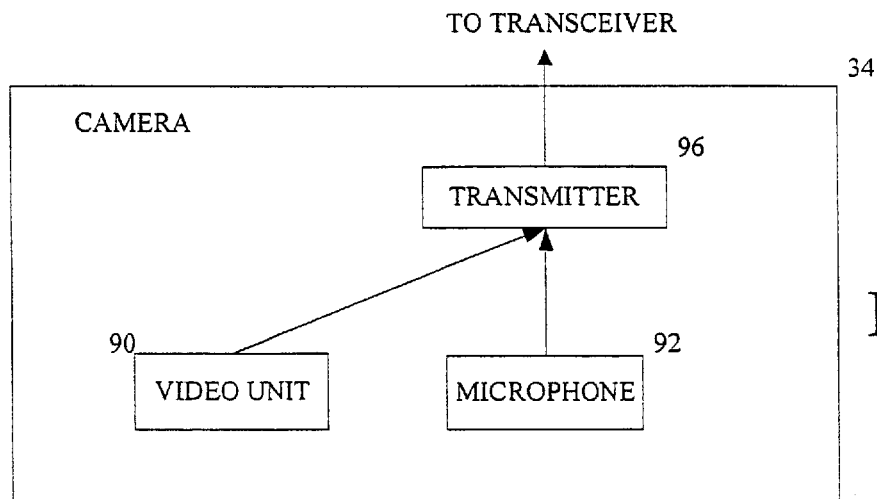


FIG. 4.

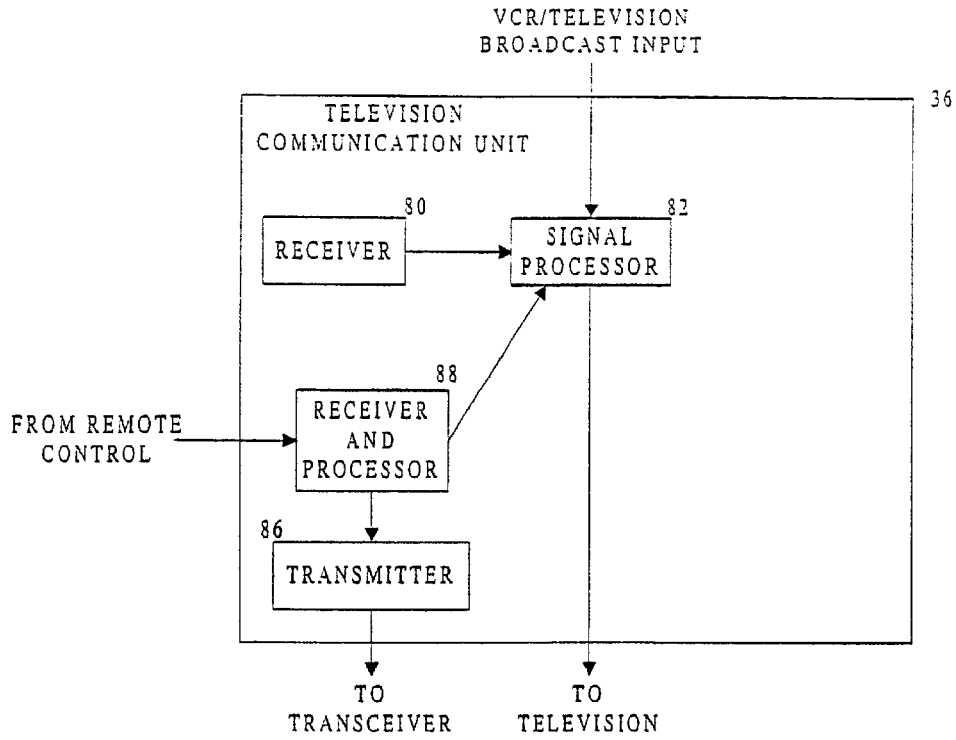


FIG. 5.

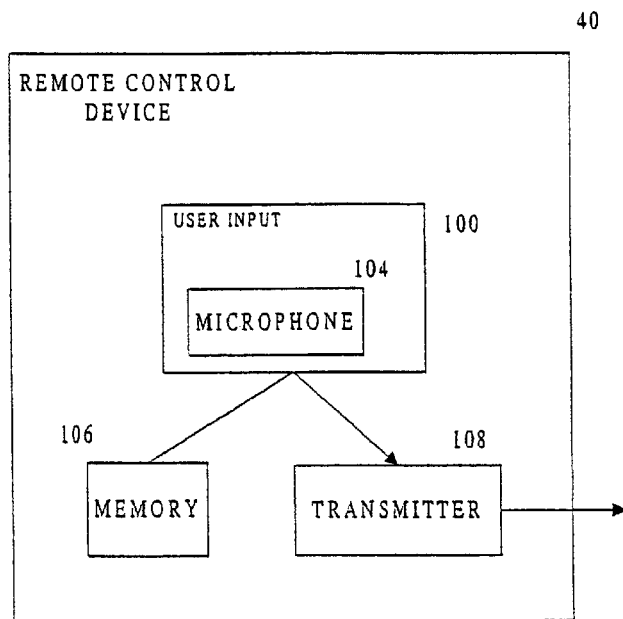


FIG. 6.

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