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# United States Patent [19]

McNelly et al.

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[54] TELECONFERENCING CAMCORDER

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[21] Appl. No.: **242,131**

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[51] Int. Cl.<sup>6</sup> ..... **H05K 11/00**

[52] U.S. Cl. .... **364/514 A; 348/13**

[58] Field of Search ..... **364/514 A; 348/14, 348/15, 13, 19**

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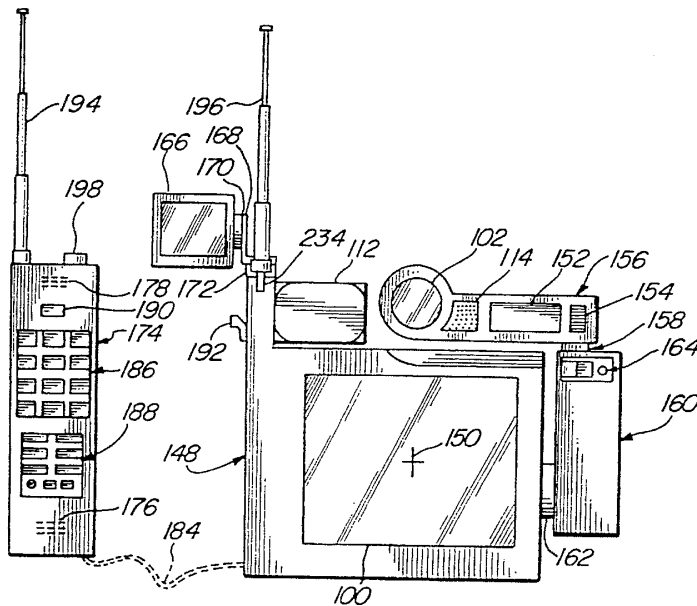
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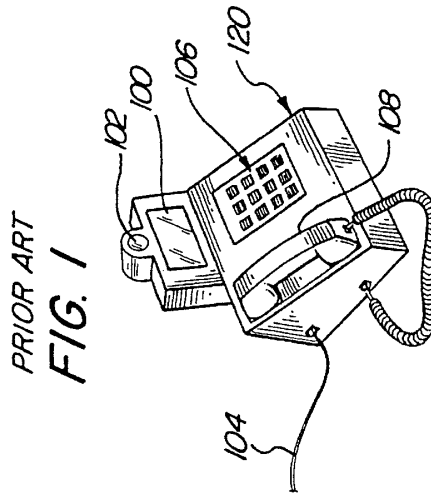
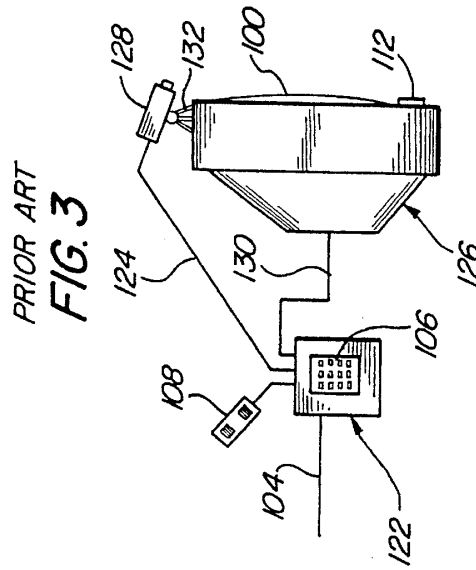
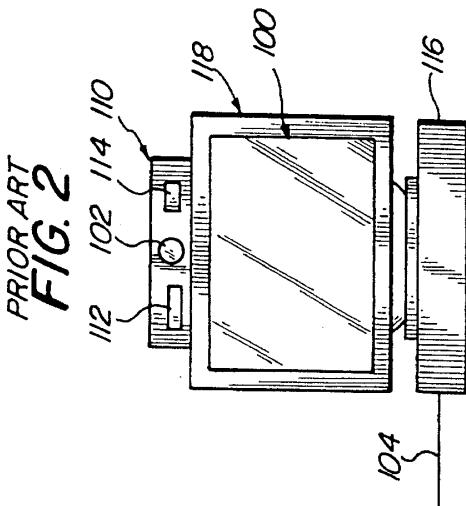
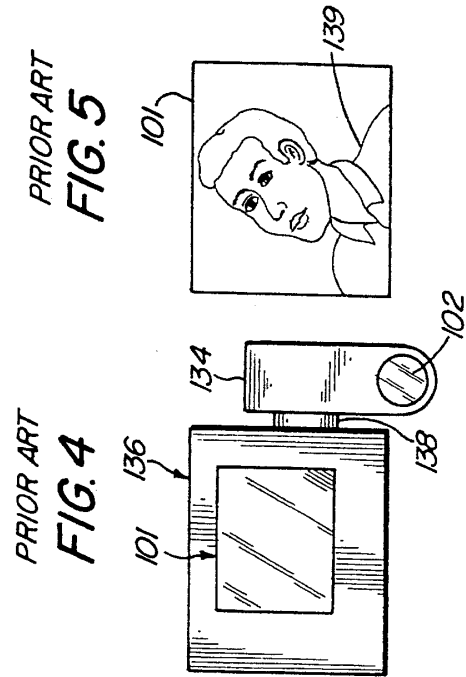
### [57] ABSTRACT

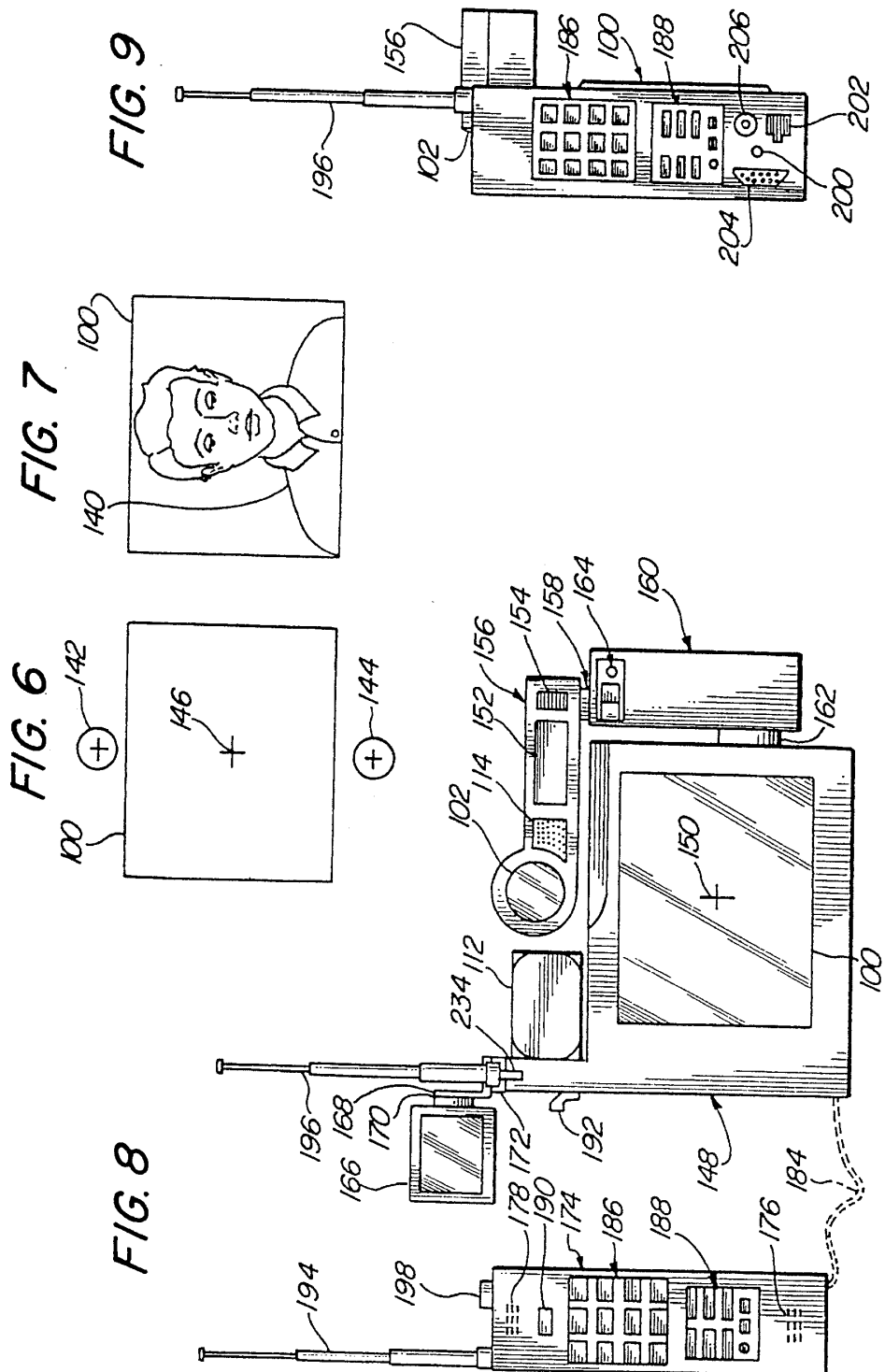
A combination portable recording video camera and video-conferencing terminal is described, wherein a video camera and lens is adjustable so that it can either produce images of an operator's surroundings for recording on a medium such as video tape, as in normal recording video cameras, or of the operator as in video conferencing terminals. The device is preferably provided with a video display screen that functions as a viewfinder in video-graphing the surroundings. The device is equipped with communication electronics that establish a connection over a network, and then transmits video and audio signals from the device while displaying video signals and reproducing audio signals that arrive over the network. Attempts by the network to establish a connection with the device result in the device automatically establishing the connection. Then the device activates its internal recording systems to play the pre-recorded video message and transmit it over the network. The operator is later able to play the recorded signals and view them on the device's built-in display.

65 Claims, 12 Drawing Sheets



Sony, Ex. 1004, p.1





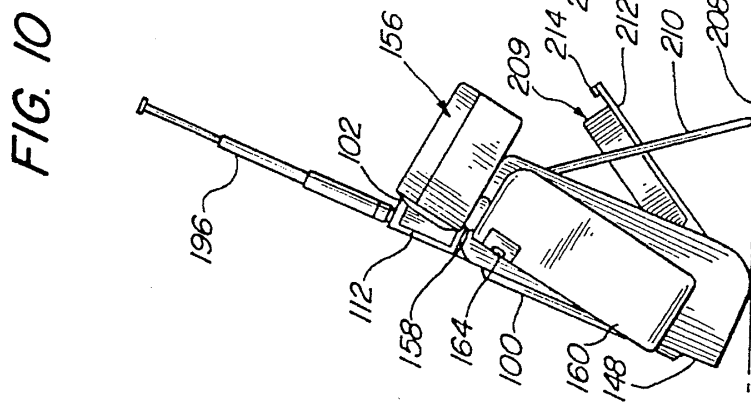
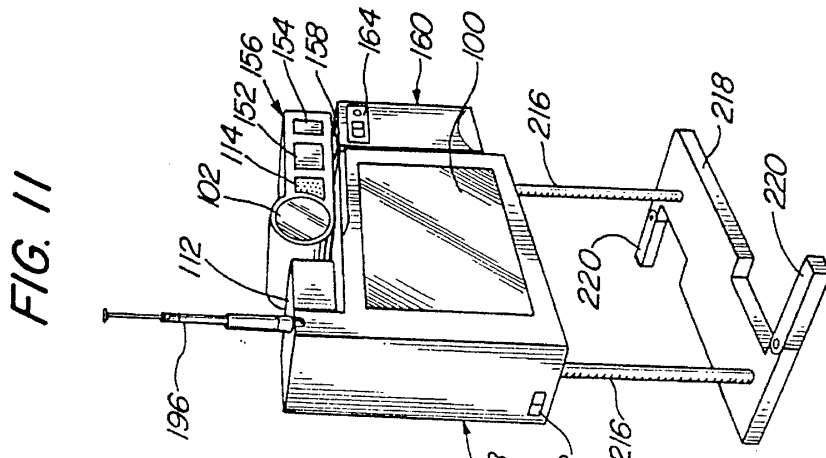
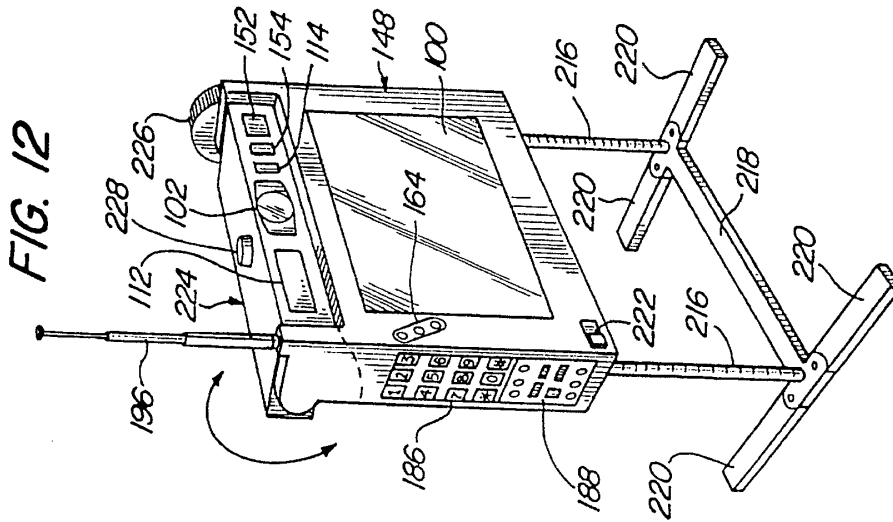


FIG. 14

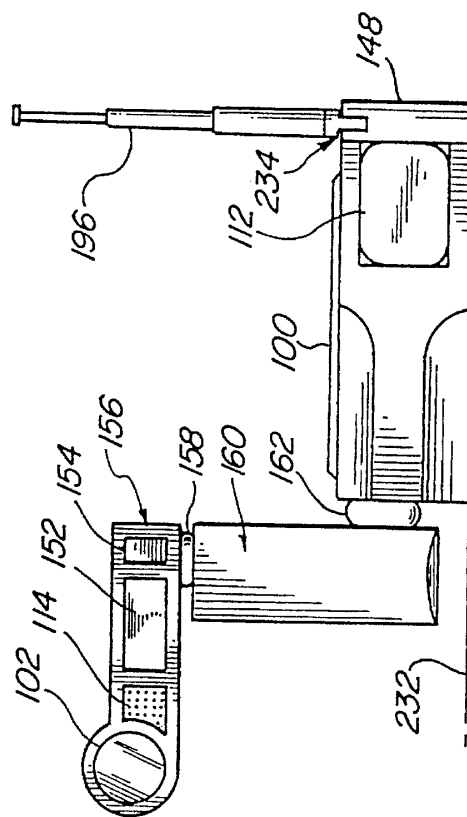
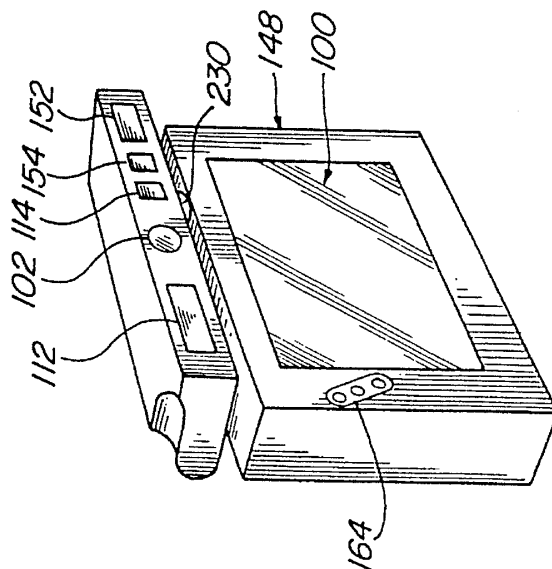


FIG. 13



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