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[54] COMPUTING AND MULTIMEDIA ENTERTAINMENT SYSTEM

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[58] **Field of Search** 379/90, 93, 56, 55, 379/63, 110, 102; 358/93, 194.1, 903, 85; 381/119, 17; 364/188

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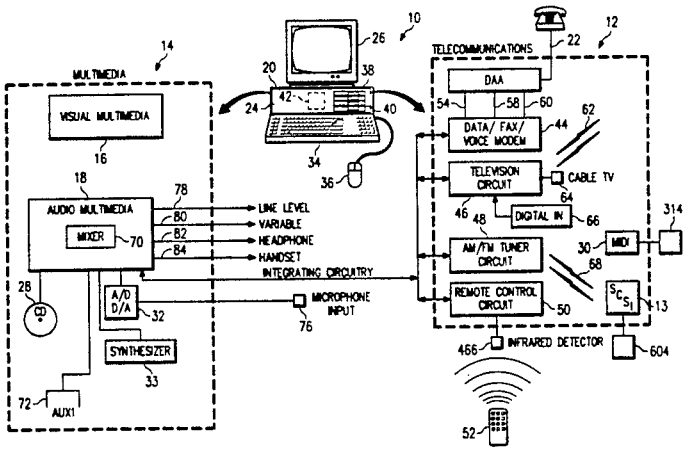
[57] **ABSTRACT**

A remotely controllable computing and multimedia entertainment system includes a personal computer (**24**) having an entertainment circuit (**12**) made up of a radio frequency circuit (**48**), a television circuit (**46**), and an audio multimedia circuit (**18**). A remote control circuit (**50**) provides programmable control of the entertainment circuit (**12**) to select among computer function operation, television and radio operation, and audio operation. An analog mixing circuit (**70**) within the audio multimedia circuit (**18**) provides mixing for a plurality of analog audio signals. A telephone circuit (**44**) integrates data, fax, and voice telephone signals in the entertainment circuit (**12**). A volume control circuit (**318**) within the audio multimedia circuit (**18**) provides varying volume, bass, and tone levels for each audio signal received by the analog mixing circuit (**70**). The analog audio signals received by analog mixing circuit (**70**) may include monaural and stereo audio signals.

12 Claims, 41 Drawing Sheets