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(54) **WIRELESS CONTROLLER WIRE CONNECTABLE TO OUTPUT DEVICES SUCH AS TELEVISIONS FOR ACCESSING DIGITAL CONTENT AND FOR WIRELESS COMMUNICATION WITH MOBILE INFORMATION APPARATUS**

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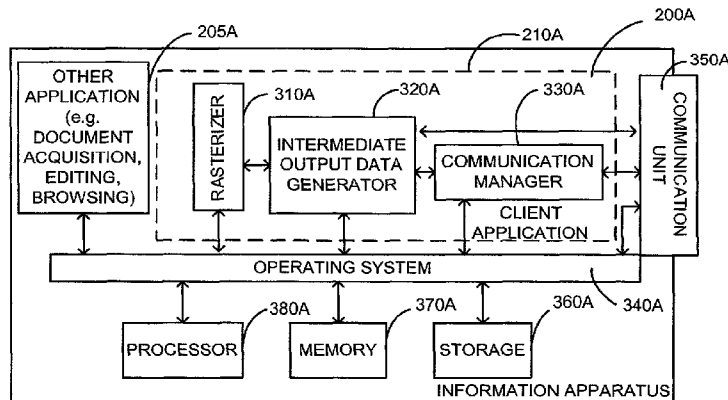
(57) **ABSTRACT**

A wireless controller for accessing digital content and connectable externally via a wired connection to output devices, such as televisions, projectors, audio output devices, and printers, is herein disclosed and enabled. The wireless controller may be a box for connecting to a television. To illustrate, connecting the wireless controller to a television makes the television a smart television for accessing digital content via the wireless controller. The wireless controller includes a wireless communication unit that is compatible with at least one protocol within IEEE 802.11 or Bluetooth for accessing a wireless local area network and may establish wireless connections with mobile information apparatus in its vicinity. Subsequent to establishing the wireless connection, the mobile information apparatus may transmit, stream, or mirror digital content to the output devices over the established wireless connection. The wireless controller may collect authentication, payment, or subscription information for accessing some digital content services.

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(58) **Field of Classification Search**
None
See application file for complete search history.

20 Claims, 14 Drawing Sheets



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