

**COMPARISON OF ORIGINAL APPLICATION CLAIMS 1-7 TO
ISSUED CLAIMS 1-7 IN U.S. PATENT NO. 11,029,903**

1. A method for outputting, at an output system, digital data content received from one or more servers over the Internet, the digital data content includes audio ~~digital~~ content or video ~~digital~~ content, the one or more servers ~~operated~~operating, at least partly, over the Internet, the output system includes one or more devices or one or more computing devices that communicate, at least in part, with the one or more servers, by transmitting one or more objects from the output system to the one or more servers, the one or more objects being data or software entities containing information, the one or more objects being further configured to be suitable for transmitting the information from the output system to the one or more servers, the output system including:

one or more processors;

one or more wireless communication units that include one or more chips or chipsets;

an interface for interacting with a user; of the output system; and

a wired connection to at least an output device for outputting ~~digital~~data content; and

wherein the method comprises:

(1) obtaining, ~~at~~by the output system, authentication information for accessing a service provided by the one or more servers, the service includes providing, by the one or more servers and to the output system, one or more digital content that is available ~~from~~at the one or more servers, ~~to the output system~~ for outputting at the output system, the authentication information being related to the output system or the user of the output system;

(2) wirelessly coupling, by the output system, ~~via and using~~ at least one chip or chipset of the one or more chips or chipsets, of the output system, the output system to a wireless local area network, wherein the at least one chip or chipset of the output system is compatible, at least in part, with at least part of a protocol within IEEE 802.11 wireless standards for coupling the output system to the wireless local area network ~~communication~~;

(3) wirelessly connecting the output system, ~~via~~by the output system, using the at least one chip or chipset of the output system, and over the wireless local area network wirelessly coupled in (2), to the one or more servers over the Internet;

(4) ~~wirelessly~~ sending, ~~via~~by the output system, using the at least one chip or chipset of the output system, and over the wireless local area network wirelessly coupled in (2), a job object that, which includes the authentication information obtained by the output system in (1), from the output system to at least one server of the one or more servers over the Internet for accessing, by the output system, the service provided by the one or more servers, the job object being an object from among the one or more objects, and the job object being an object that is related to an output job;

(5) wirelessly accessing, ~~via~~by the output system, using the at least one chip or chipset of the output system, and over the wireless local area network, wirelessly coupled in (2), the service provided by the one or more servers over the Internet, the wirelessly accessing of the service being based, at least in part, on the output system having wirelessly sent the job object ~~in (4)~~ to the at least one server of the one or more servers; in (4);

(6) receiving, by the output system and via the interface of the output system, an indication of a selected digital content from among the one or more digital content that are available at the one or more servers;

(7) wirelessly sending, ~~via~~by the output system and using the at least one chip or chipset of the output system, from the output system, over the wireless local area network wirelessly coupled in (2), ~~to a digital document object to at least one server of~~ the one or more servers over the Internet, ~~a document object~~, the digital document object includes at least a pointer or a reference to the ~~selected~~ digital content selected in (6);, the digital document object being an object from among the one or more objects, and the document object being an object that is related to the digital content selected in (6);

(8) wirelessly receiving, ~~via~~by the output system, using the at least one chip or chipset of the output system and over the wireless local area network wirelessly coupled in (2), output data from at least one server of the one or more servers over the Internet, the wireless receiving of the output data being subsequent to the output system having wirelessly sent the digital document object in (7) to the at least one server of the one or more servers over the Internet, and at least part of the output data includes audio digital content or video digital content, individually or in any combination, which is related to the ~~selected~~ digital content selected in (6), and the receiving of the output data being subsequent to the output system having wirelessly sent the job object in (4) to the at least one server of the one or more servers over the Internet;

(9) processing, at the output system and using the one or more processors of the output system, at least part of the output data wirelessly received in (8) into ~~an~~ audio output data or video output data for outputting or playing at least part of the digital content selected in (6); at the output system or at the at least an output device, the processing of the at least part of the output data includes one or more operations related to a decoding operation, an encoding operation, an encryption operation, a decryption operation, a compression operation, a decompression operation, a conversion operation, an image enhancement operation, an image processing operation, a color correction operation, a color management operation, an interpolation operation, a scaling operation, a smoothing operation, a segmentation operation, or a de-segmentation operation, individually or in any combination; and

(10) delivering, by the output system, ~~via the wired connection, from the output system~~, and to the at least ~~one~~ output device wire connected to the output system, the audio output data or the video output data ~~processed in (9)~~, the audio output data or the video output data is related to the output data wirelessly received from the one or more servers in (8) and that is processed from at least part of the output data in (9), and the audio output data or the video output data is for playing, at the output or at the at least ~~one~~ output device, at least part of the digital content selected in (6); and

wherein the method further comprises:

~~implementing~~ ~~executing~~ a ~~wirelessly~~ ~~wireless~~ discovery operation, by the output system using the at least one chip or chipset, ~~of the output system, the execution of the wireless discovery operation is~~ for a client device ~~that, which~~ is in the same wireless local area network as the output system, to wirelessly discover, over the wireless local area network wirelessly coupled by the output system in (2), the output system for output service, the client device being a ~~distinct~~ ~~separate~~ device from the output system and from the one or more servers; and

wirelessly receiving, by the output system, using the at least one chip or chipset ~~and over the wireless local area network of the output system that is compatible, at least in part, with at least part of a protocol within IEEE 802.11 wireless standards,~~ from the client device that has wirelessly discovered the output system, and over the wireless local area network wirelessly coupled by the output system in (2), audio or video digital content that includes audio data or video data for playing; at the output system or at the at least an output device.

2. The method according to claim 1, wherein the client device is at least a smart phone or an information pad with a touch sensitive screen; and wherein the output system is a separate ~~and distinct~~ device from the smart phone or the information pad.

~~3. The method according to claim 1;~~ and wherein the output system is embodied, at least in part, as one of an audio output device, a speaker, a projection device, a television, or a controller box connected to a television, individually or in any combination.

~~43. The method~~ ~~of~~ according to claim 1, wherein the at least an output device is at least a television; and wherein the output system is embodied, at least in part, as a controller box wire connected to the television; and wherein the delivering, by the output system and to the at least an output device wire connected to the output system in (10) includes delivering, by the output system, and via the wired connection, from the output system, and to the television wire connected to the output system, the audio output data or the video output data, the audio output data or the video output data is related to the output data wirelessly received from the at least one server of the one or more servers in (8), and the audio output data or the video output data is processed from at least part of the output data in (9), and the audio output data or the video output data is for playing, at the television, at least part of the digital content selected in (6).

4. The method according to claim 3, wherein the one or more wireless communication units of the output system include wireless communication circuitry that is compatible, at least in part, with at least part of a protocol within Bluetooth specifications, ~~and direct short range wireless communication, and wherein~~ the method further comprises:

wirelessly discovering, by the output system and using the ~~one or more~~ wireless communication ~~units~~circuitry of the output system, a ~~Bluetooth-enabled wireless~~ device for establishing a wireless communication link between the output system and the wireless device, the wireless discovering of the ~~Bluetooth-enabled wireless~~ device includes either the output system wirelessly discovering the ~~Bluetooth-enabled wireless~~ device or the ~~Bluetooth-enabled wireless~~ device wirelessly discovering the output system, the wireless device being a separate device from the output system and from the one or more servers;

wirelessly establishing, by the output system and using the ~~one or more~~ wireless communication ~~units~~circuitry of the output system, the wireless communication link with the ~~Bluetooth-enabled wireless~~ device, the wireless communication link ~~is compatible, at least in part, with at least part of a protocol within Bluetooth specifications~~being at least a direct short range wireless communication link; and

wirelessly receiving, by the output system and using the ~~one or more~~ wireless communication ~~units~~circuitry of the output system and over the established wireless communication link, audio ~~digital data~~ content from the ~~Bluetooth-enabled wireless~~ device, the audio data content being for playing at the output system or at the at least an output device wire connected to the output system.

5. The method ~~of~~according to claim ~~31~~, wherein the output system further includes a digital camera for image data acquisition; and wherein the method further comprises:

(a) capturing ~~video digital~~, by the output system, data content using the digital camera, the data content includes digital video data;

(b) transmitting ~~to~~, by the ~~one or more servers~~, output system and using the at least one chip or chipset of the output system, a content object ~~that to at least one server of the one or more servers, the content object~~ includes at least part of the ~~video digital content~~;

(~~e~~) ~~receiving, data content captured by the output system in (a), the content object being from among the one or more servers, objects, and the content object being an object that is related to content~~;

(c) subsequent to having transmitted the content object, ~~and via to the at least one server of the one or more servers in (b), receiving, by the output system, from at least one server of the one or more servers, and using~~ the at least one chip or chipset of the output system, digital output data that is related to has a relationship, at least in part, to the content object transmitted by the output system to the at least one server of the one or more servers in (b), and wherein the received digital ~~content~~ output data is for outputting or playing at the output system; and

(d) outputting or playing, at the output system and using the at least an output ~~devices~~ device, at least part of the digital output data that is ~~related to the digital content received~~ in (c).

6. The method ~~of~~according to claim 3, wherein the interface includes at least one of a graphical user interface, a touch sensitive screen interface, a voice activated command interface, or a wireless interface, individually or in any combination.

7. The method ~~of~~according to claim 1, wherein the interface includes a voice-activated command interface; and wherein the method further comprises receiving, by the output system, via the interface of the output system that includes the voice activated command interface, and from the user, an indication of the selected digital content ~~is received via the voice-activated command interface~~.