Claims

What is claimed is:

1. A method comprising:

wirelessly transmitting an audio/video stream to a plurality of audio/video sinks daisy chained from a wireless receiver.

2. The method of claim 1 including using passthrough packets in a wireless protocol so the packets pass through a wireless transmitter and receiver without processing in the transmitter or receiver.

3. The method of claim 1 including adapting audio/video stream packets in a first interface protocol to a second interface protocol for display on sinks adapted to said second interface protocol.

4. The method of claim 1 including transmitting a single copy of the audio/video stream to a wireless receiver so that only a single copy is fetched at a wireless transmitter.

5. The method of claim 4 including managing destinations for this single copy through sideband messages and passthrough packets.

6. The method of claim 1 including using the same stream identifier to establish two connections to send audio/video streams to two different sinks in clone mode.

7. The method of claim 6 including, when two streams with the same stream identifier are detected, updating a table with an address of a second receiver to receive a second audio/video stream with the same stream identifier.

8. The method of claim 1 including sending the same audio/video stream to two proximate receivers using one transmission.

9. A non-transitory computer readable medium storing instructions to enable a processor to wirelessly transmit an

audio/video stream to a plurality of audio/video sinks daisy chained from a wireless receiver.

10. The medium of claim 9 further storing instructions to use passthrough packets in a wireless protocol so the packets pass through a wireless transmitter and receiver without processing in the transmitter or receiver.

11. The medium of claim 9 further storing instructions to adapt audio/video stream packets in a first interface protocol to a second interface protocol for display on sinks adapted to said second interface protocol.

12. The medium of claim 9 further storing instructions to transmit a single copy of the audio/video stream to a wireless receiver so that only a single copy is fetched at the wireless transmitter.

13. An apparatus comprising:

a wireless transmitter; and

an adaptation layer coupled to said wireless transmitter, said wireless transmitter to wirelessly transmit an audio/video stream to a plurality of audio/video sinks daisy chained from a wireless receiver.

14. The apparatus of claim 13, said transmitter to use passthrough packets in a wireless protocol so the packets pass through a wireless transmitter and receiver without processing in the transmitter or receiver.

15. The apparatus of claim 13, said transmitter to adapt audio/video stream packets in a first interface protocol to a second interface protocol for display on sinks adapted to said second interface protocol.

16. The apparatus of claim 13, said transmitter to transmit a single copy of the audio/video stream to a wireless receiver so only a single copy is fetched at a wireless transmitter.

17. The apparatus of claim 16, said transmitter to use sideband messages and passthrough packages to manage destinations for this single copy.

18. The apparatus of claim 13, said transmitter to use the same stream identifier to establish two connections to send audio/video streams to two different sinks in clone mode.

19. The apparatus of claim 18, said apparatus to update a table within an address of a second receiver to receive a second audio/video stream with the same stream identifier when two streams of the same stream identifier are detected.

20. The apparatus of claim 13, said transmitter to send the same audio/video stream to two proximate receivers using one transmission.

CLAIMS

What is claimed is:

1. A method comprising:

wirelessly transmitting an audio/video stream to a plurality of audio/video sinks daisy chained from a wireless receiver; and

using the same stream identifier to establish two connections to send audio/video streams to two different sinks in clone mode.

2. The method of claim 1 including using passthrough packets in a wireless protocol so the packets pass through a wireless transmitter and receiver without processing in the transmitter or receiver.

3. The method of claim 1 including adapting audio/video stream packets in a first interface protocol to a second interface protocol for display on sinks adapted to said second interface protocol.

4. The method of claim 1 including transmitting a single copy of the audio/video stream to a wireless receiver so that only a single copy is fetched at a wireless transmitter.

5. The method of claim 4 including managing destinations for this single copy through sideband messages and passthrough packets.

6. The method of claim 1 including, when two streams with the same stream identifier are detected, updating a table with an address of a second receiver to receive a second audio/video

stream with the same stream identifier.

7. The method of claim 1 including sending the same audio/video stream to two proximate receivers using one transmission.

8. A non-transitory computer readable medium storing instructions to enable a processor to wirelessly transmit an audio/video stream to a plurality of audio/video sinks daisy chained from a wireless receiver and use the same stream identifier to establish two connections to send audio/video streams to two different sinks in clone mode.

9. The medium of claim 8 further storing instructions to use passthrough packets in a wireless protocol so the packets pass through a wireless transmitter and receiver without processing in the transmitter or receiver.

10. The medium of claim 8 further storing instructions to adapt audio/video stream packets in a first interface protocol to a second interface protocol for display on sinks adapted to said second interface protocol.

11. The medium of claim 8 further storing instructions to transmit a single copy of the audio/video stream to a wireless receiver so that only a single copy is fetched at the wireless transmitter.

12. An apparatus comprising:

a wireless transmitter; and

an adaptation layer coupled to said wireless transmitter, said wireless transmitter to wirelessly transmit an

audio/video stream to a plurality of audio/video sinks daisy chained from a wireless receiver and to use the same stream identifier to establish two connections to send audio/video streams to two different sinks in clone mode.

13. The apparatus of claim 12, said transmitter to use passthrough packets in a wireless protocol so the packets pass through a wireless transmitter and receiver without processing in the transmitter or receiver.

14. The apparatus of claim 12, said transmitter to adapt audio/video stream packets in a first interface protocol to a second interface protocol for display on sinks adapted to said second interface protocol.

15. The apparatus of claim 12, said transmitter to transmit a single copy of the audio/video stream to a wireless receiver so only a single copy is fetched at a wireless transmitter.

16. The apparatus of claim 15, said transmitter to use sideband messages and passthrough packages to manage destinations for this single copy.

17. The apparatus of claim 12, said apparatus to update a table within an address of a second receiver to receive a second audio/video stream with the same stream identifier when two streams of the same stream identifier are detected.

18. The apparatus of claim 12, said transmitter to send the same audio/video stream to two proximate receivers using one transmission.