



AMTC IP Coverage

Cable Systems Transmitting Media
to Set-top Boxes
(VOD)
Compared to
Yurt '863 Claim 17

This document is the property of Acacia Technologies Group.

Patent 5,550,863 Claim 17:

17. A method of distributing audio/video information comprising:

formatting items of audio/video information as compressed digitized data at a central processing location;

transmitting compressed, digitized data representing a complete copy of at least one item of audio/video information from the central processing location;

receiving the transmitted compressed, digitized data representing a complete copy of the at least one item of audio/video information, at a local distribution system;

storing the received compressed, digitized data representing the complete copy of the at least one item at a local distribution system;

using the stored compressed, digitized data to transmit a representation of the at least one item to a plurality of subscriber receiving stations coupled to the local distribution system;

wherein the formatting step comprises:

inputting an item having information into the transmission system;

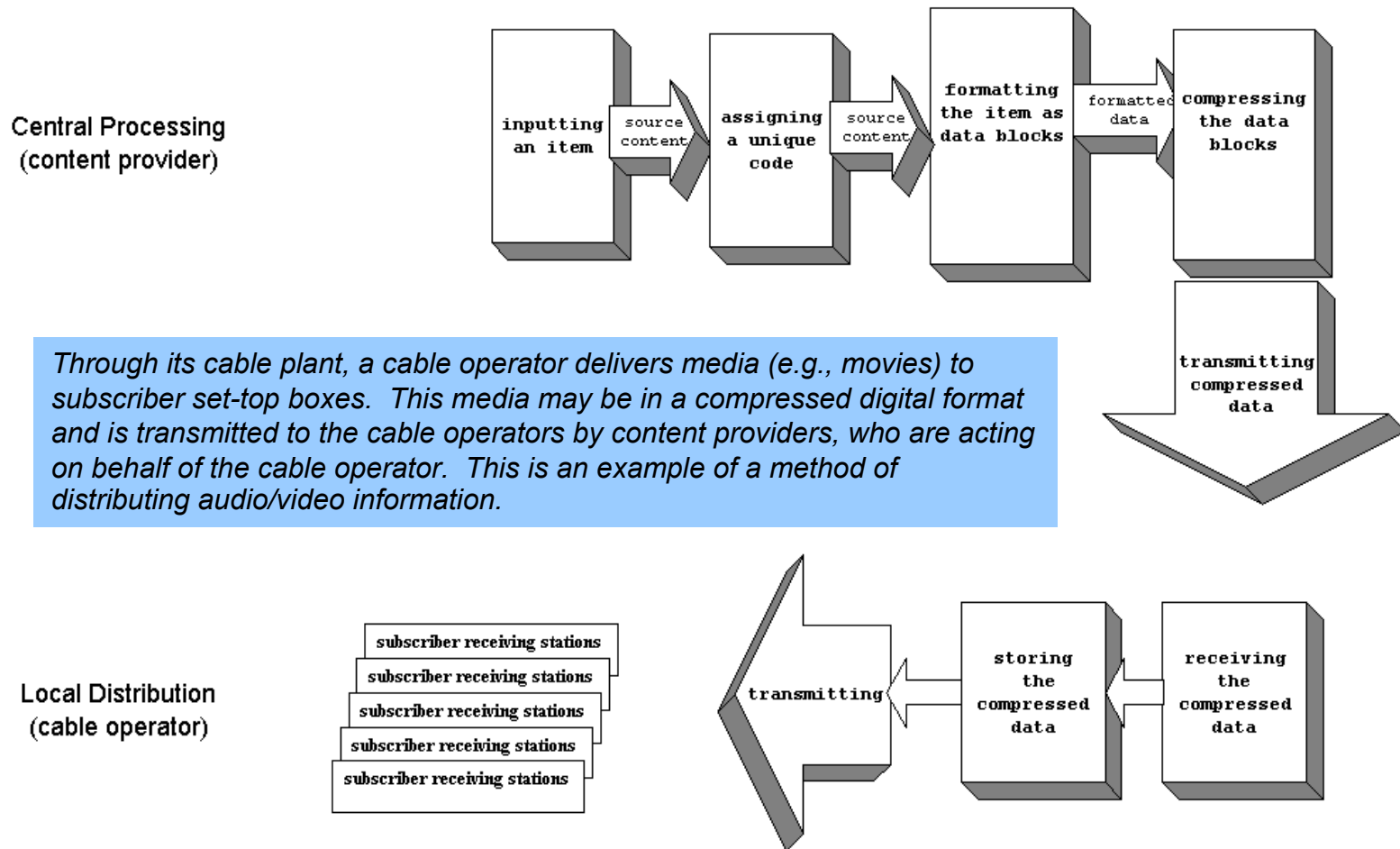
assigning a unique identification code to the item having information;

formatting the item having information as a sequence of addressable data blocks;

compressing the formatted and sequenced data blocks.

Cable Systems Transmitting to Set-top Boxes Compared to the '863 Patent Claim 17:

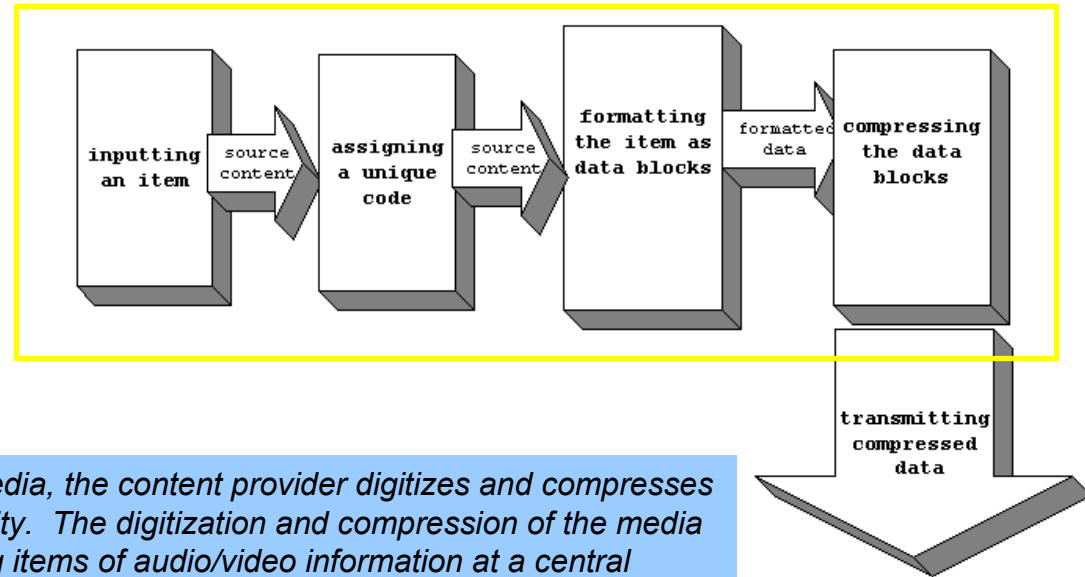
A method of distributing audio/video information comprising:



Cable Systems Transmitting to Set-top Boxes Compared to the '863 Patent Claim 17:

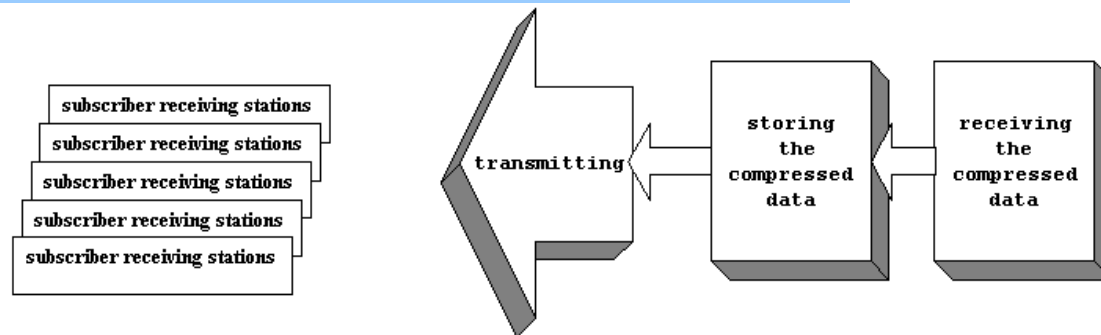
formatting items of audio/video information as compressed digitized data at a central processing location;

Central Processing
(content provider)



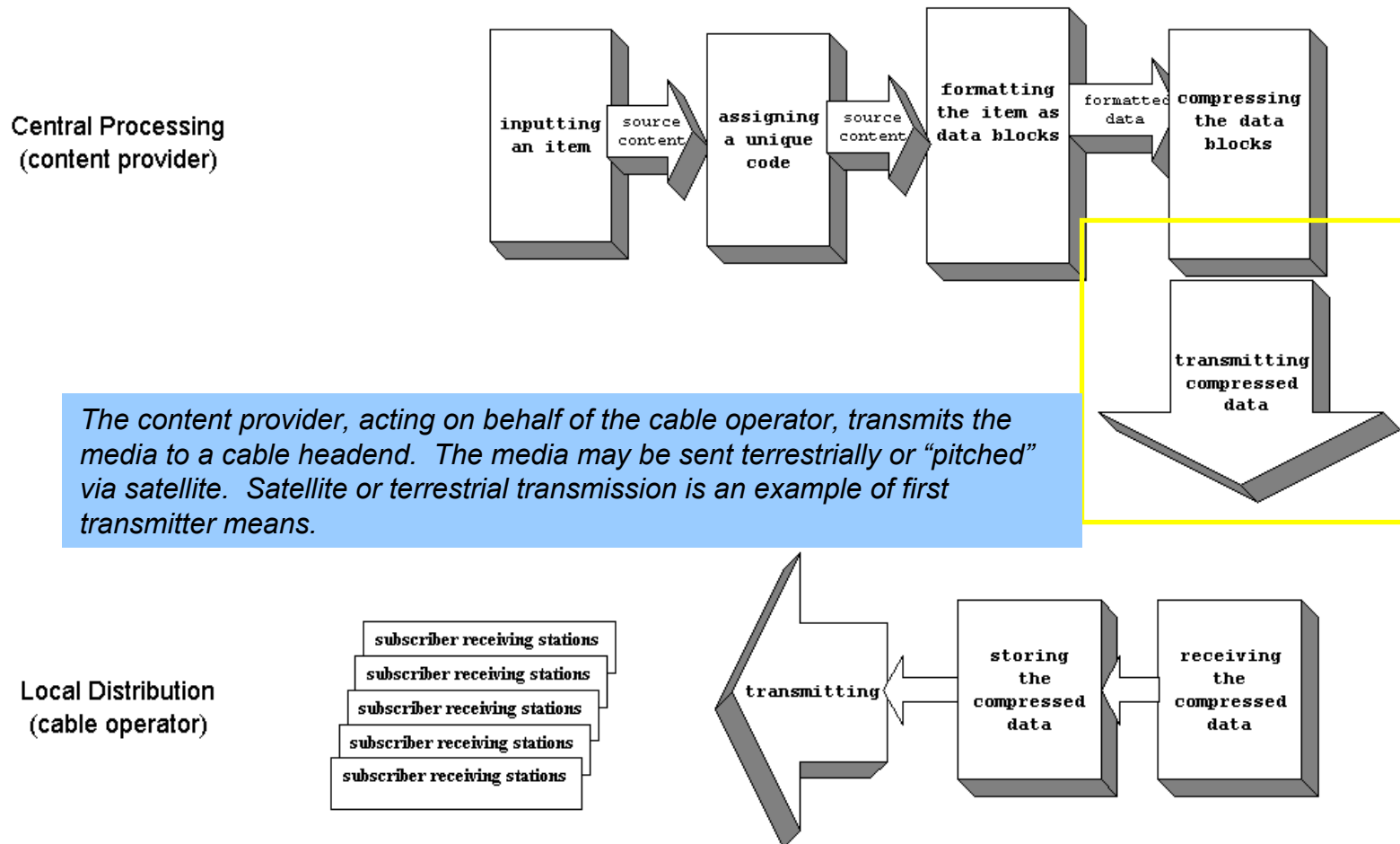
Prior to transmitting the media, the content provider digitizes and compresses the media at a central facility. The digitization and compression of the media is an example of formatting items of audio/video information at a central processing location.

Local Distribution
(cable operator)



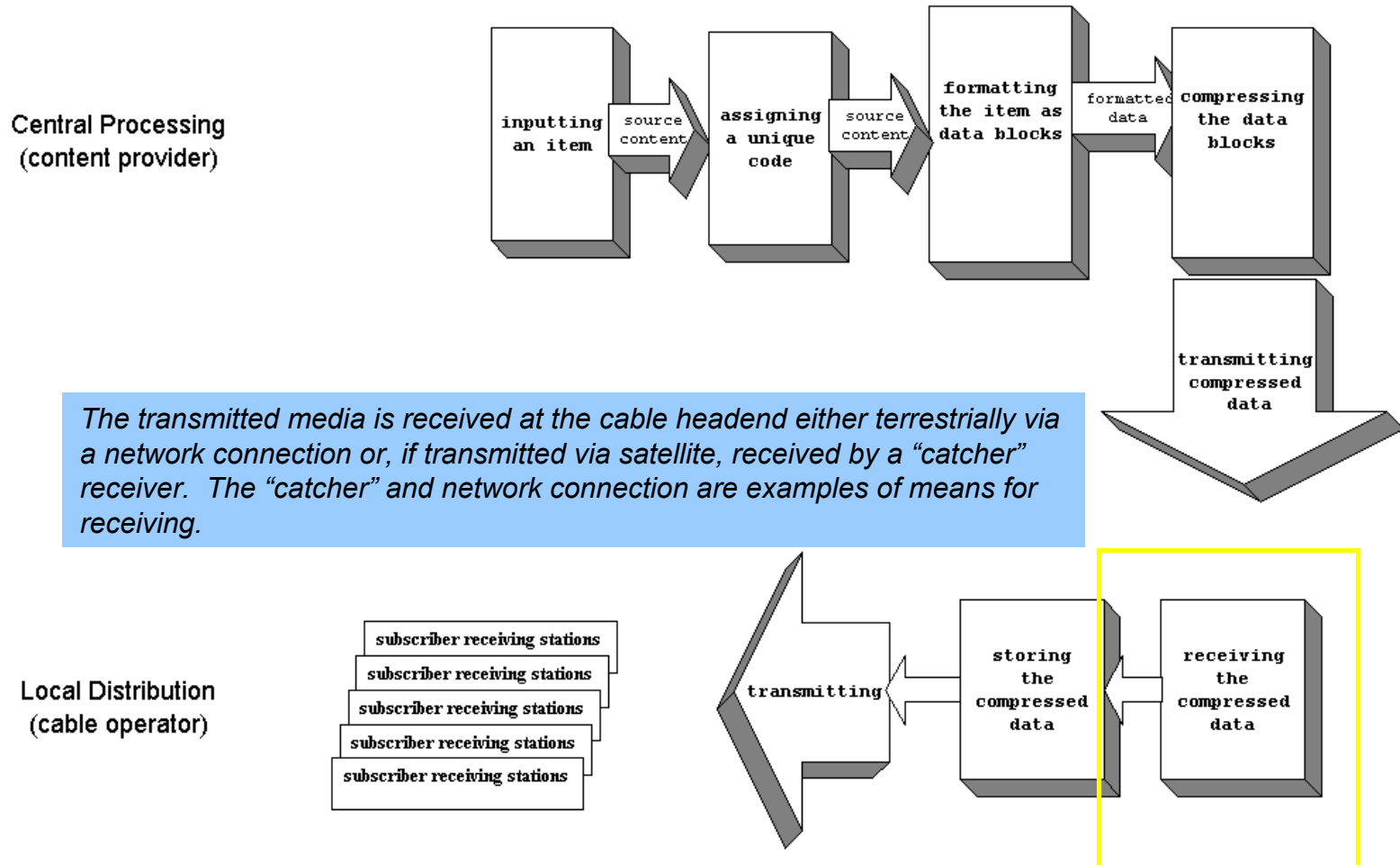
Cable Systems Transmitting to Set-top Boxes Compared to the '863 Patent Claim 17:

transmitting compressed, digitized data representing a complete copy of at least one item of audio/video information from the central processing location;



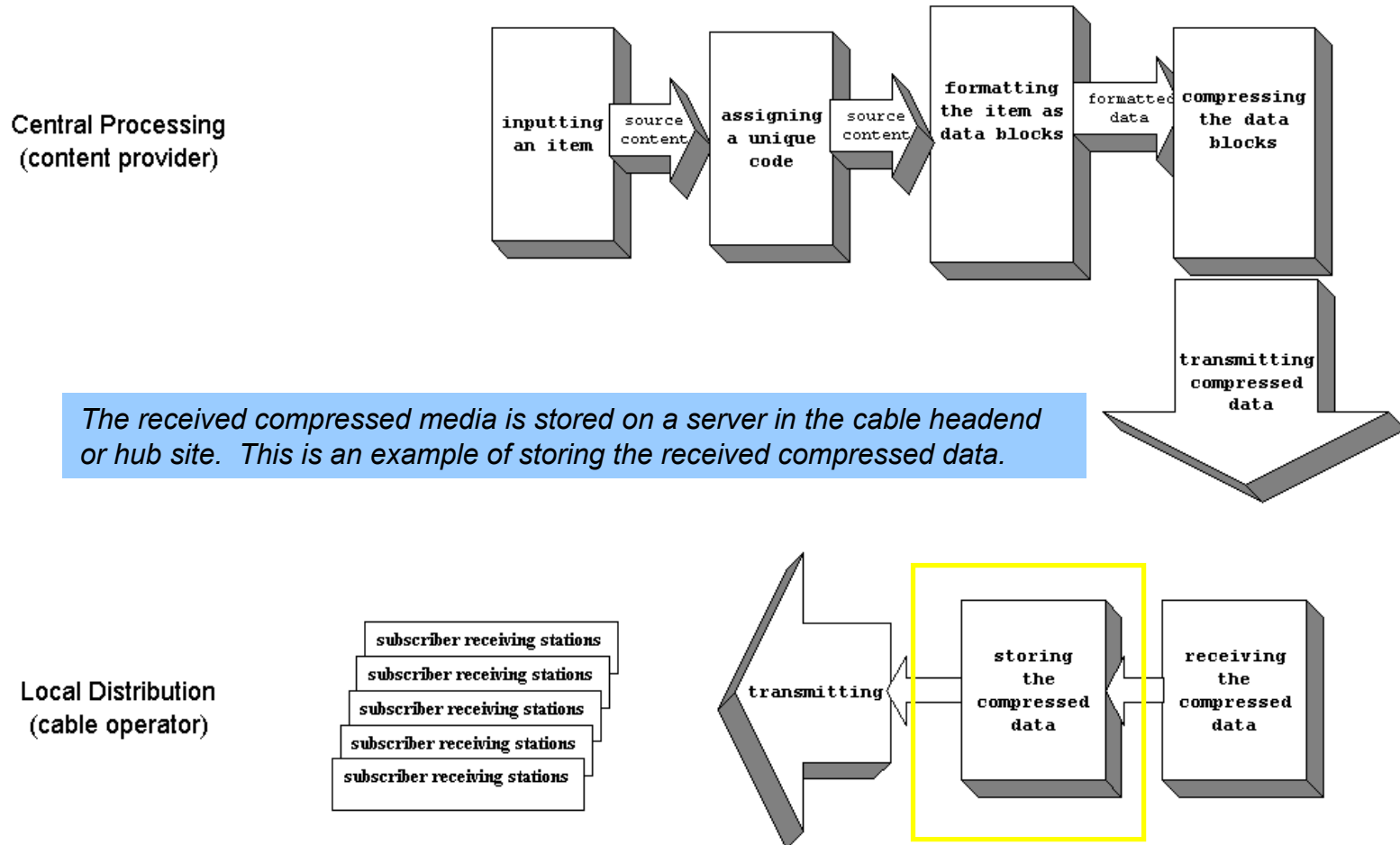
Cable Systems Transmitting to Set-top Boxes Compared to the '863 Patent Claim 17:

receiving the transmitted compressed, digitized data representing a complete copy of the at least one item of audio/video information, at a local distribution system;



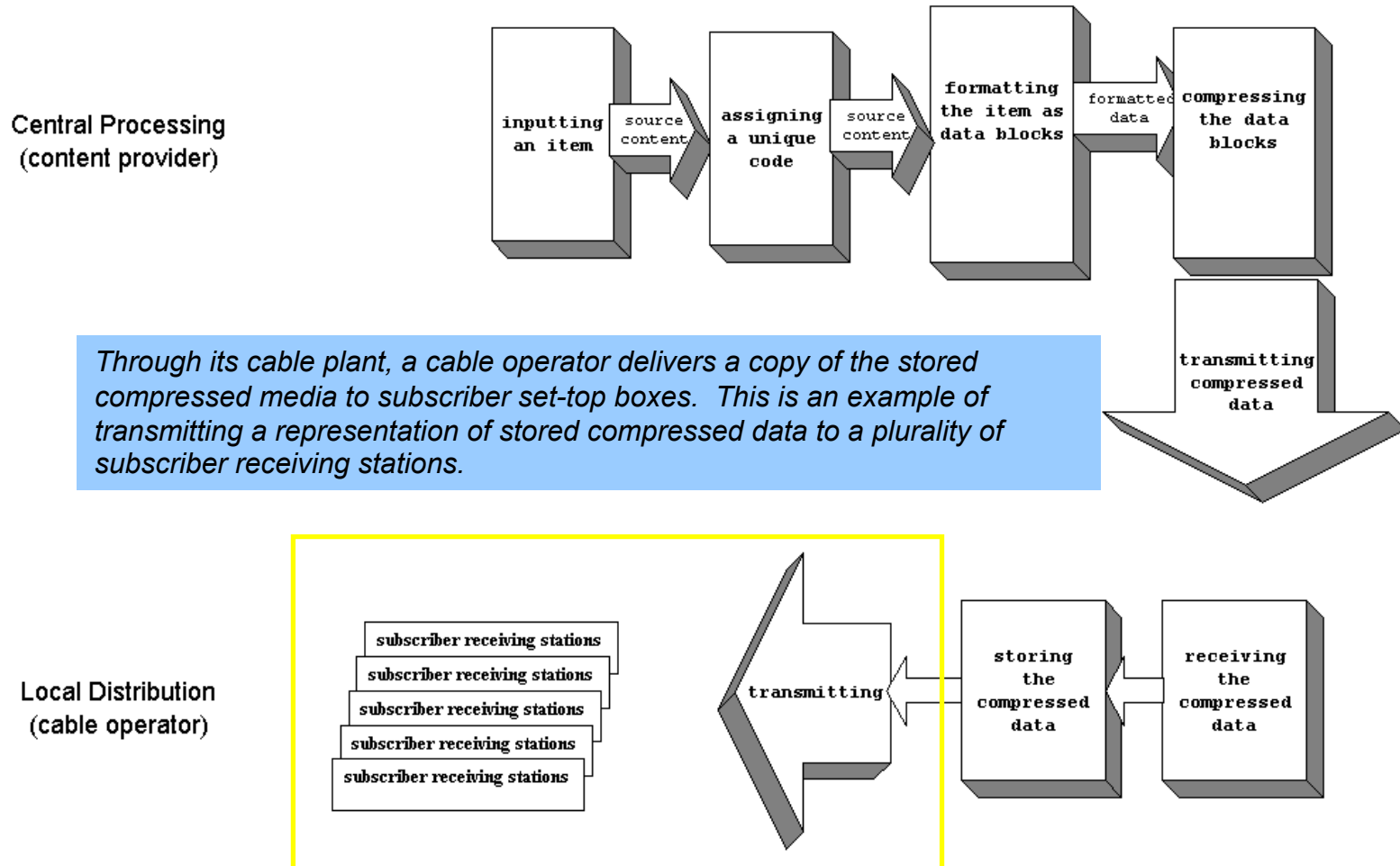
Cable Systems Transmitting to Set-top Boxes Compared to the '863 Patent Claim 17:

storing the received compressed, digitized data representing the complete copy of the at least one item at a local distribution system;



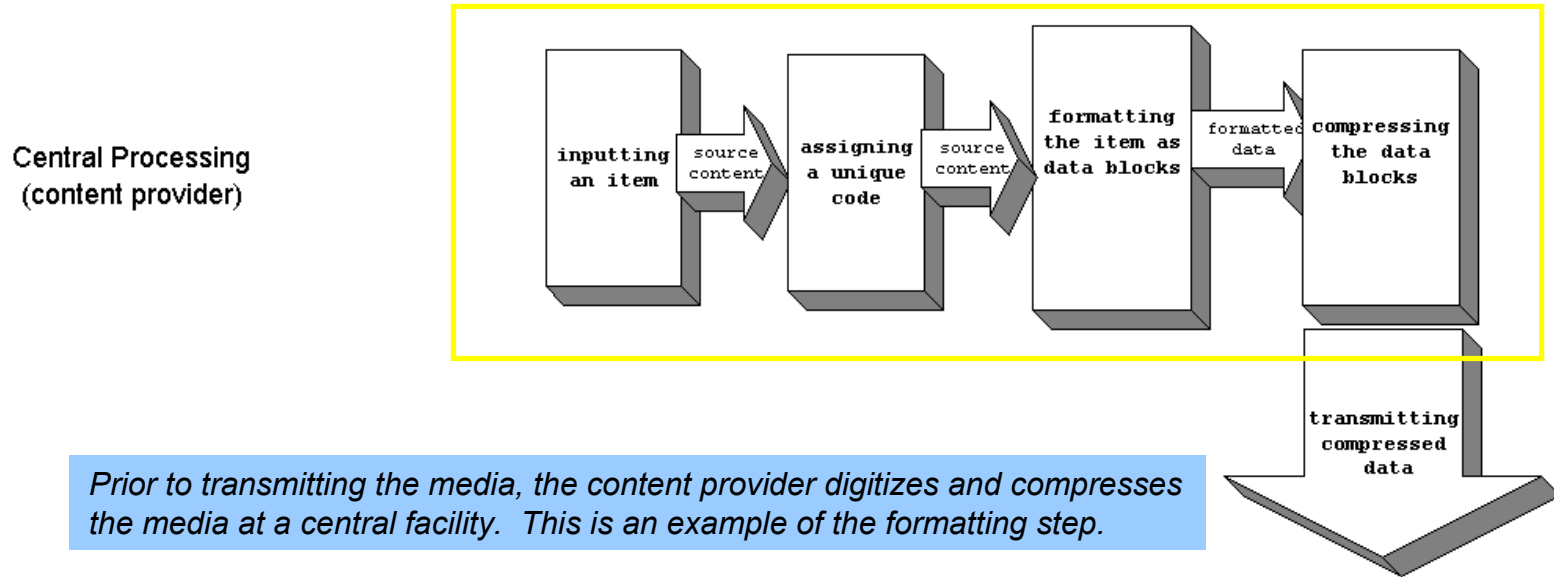
Cable Systems Transmitting to Set-top Boxes Compared to the '863 Patent Claim 17:

using the stored compressed, digitized data to transmit a representation of the at least one item to a plurality of subscriber receiving stations coupled to the local distribution system;

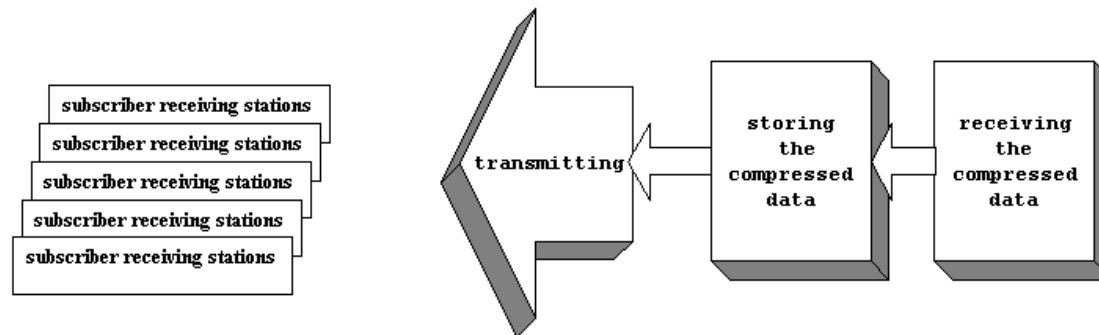


Cable Systems Transmitting to Set-top Boxes Compared to the '863 Patent Claim 17:

wherein the formatting step comprises:

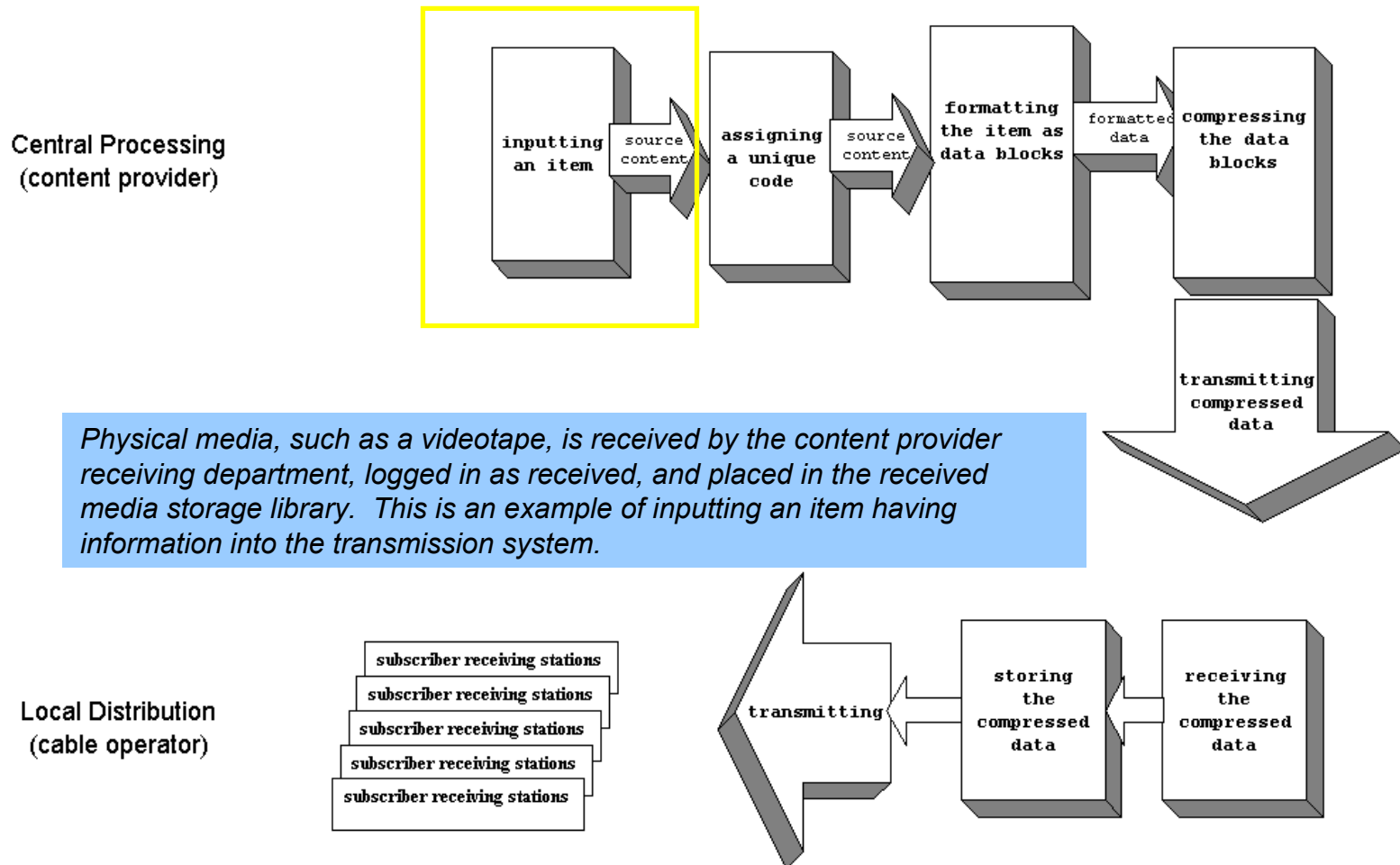


Local Distribution
(cable operator)



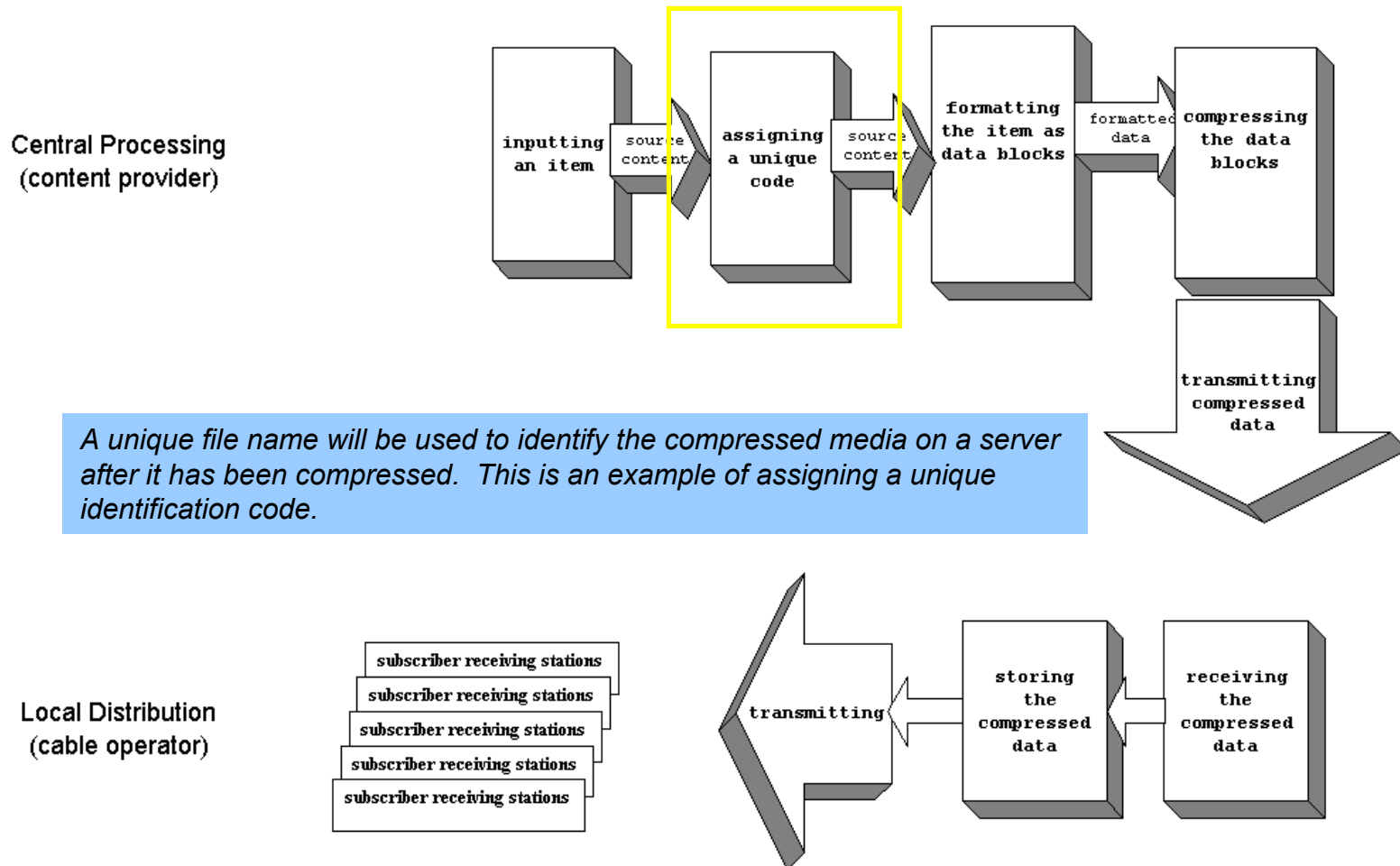
Cable Systems Transmitting to Set-top Boxes Compared to the '863 Patent Claim 17:

inputting an item having information into the transmission system;



Cable Systems Transmitting to Set-top Boxes Compared to the '863 Patent Claim 17:

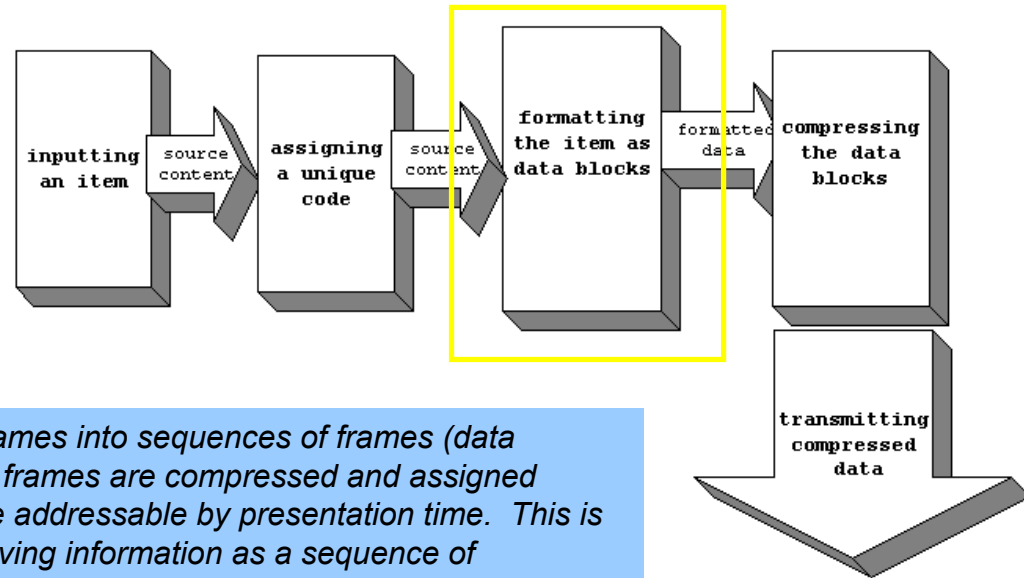
assigning a unique identification code to the item having information;



Cable Systems Transmitting to Set-top Boxes Compared to the '863 Patent Claim 17:

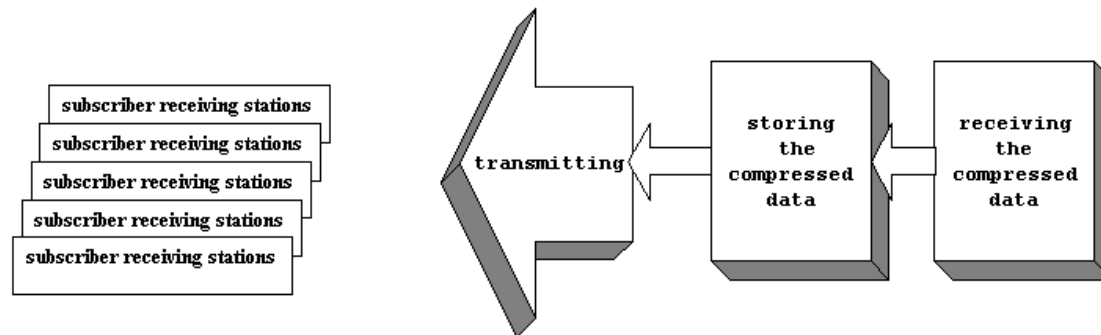
formatting the item having information as a sequence of addressable data blocks;

Central Processing
(content provider)



Video encoding methods organize frames into sequences of frames (data blocks) prior to compression. These frames are compressed and assigned relative time markers so that they are addressable by presentation time. This is an example of formatting the item having information as a sequence of addressable data blocks.

Local Distribution
(cable operator)



Cable Systems Transmitting to Set-top Boxes Compared to the '863 Patent Claim 17:

compressing the formatted and sequenced data blocks.

