

# Acacia Patent Coverage

DVR Used in a Digital Cable System  
Compared to  
Yurt '702 Claim 1

CONFIDENTIAL

# Patent 6,144,702 Claim 1:

1. A communication system comprising:

a transmission system at a first location in data communication with a reception system at a second location, wherein said transmission system comprises

a sequence encoder,

an identification encoder, and

a compressed data library in data communication with said identification encoder,

wherein said identification encoder gives items in said compressed data library a unique identification code; and

wherein said reception system comprises

a transceiver in data communication with said transmission system,

a storage device in data communication with said transceiver,

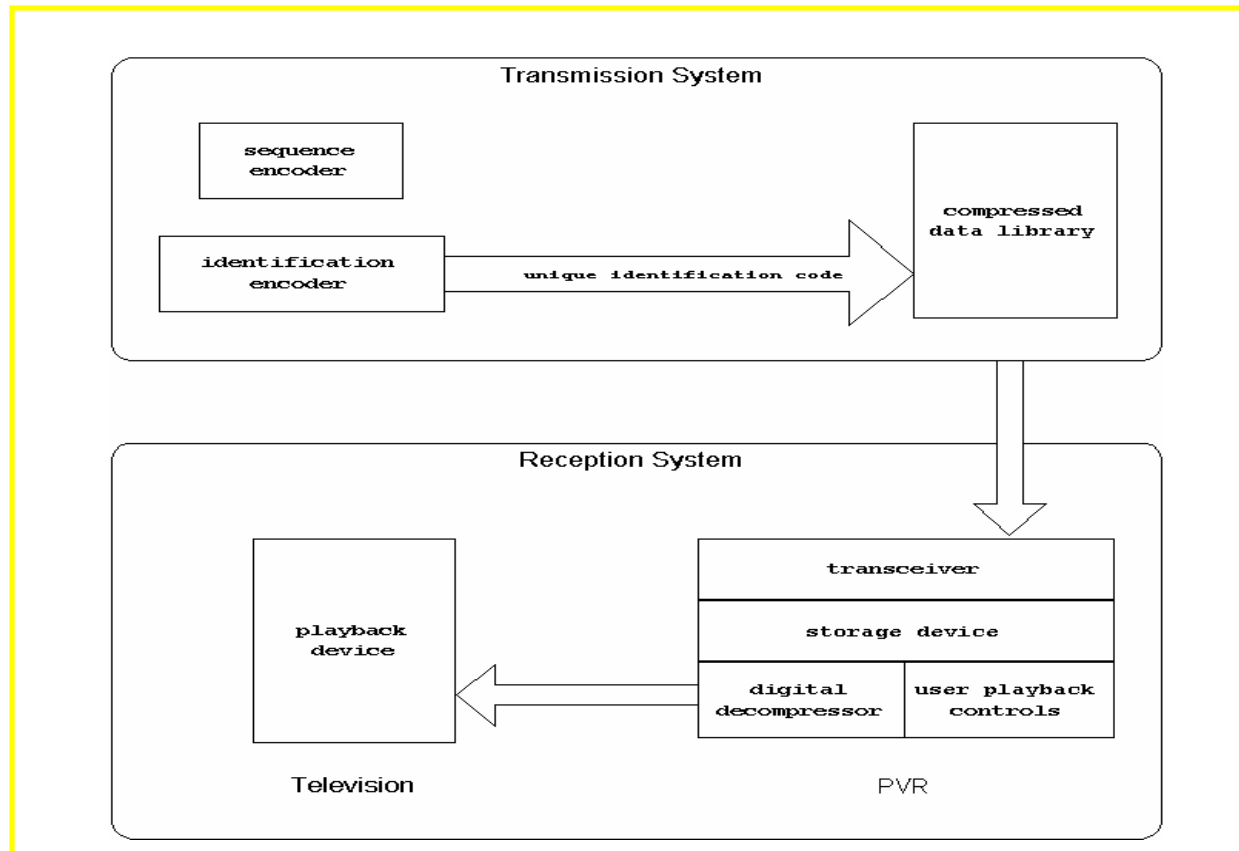
user playback controls in data communication with said storage device,

a digital decompressor in data communication with said storage device, and

a playback device in data communication with said digital decompressor.

# DVR Used in a Digital Cable System Compared to the '702 Patent Claim 1:

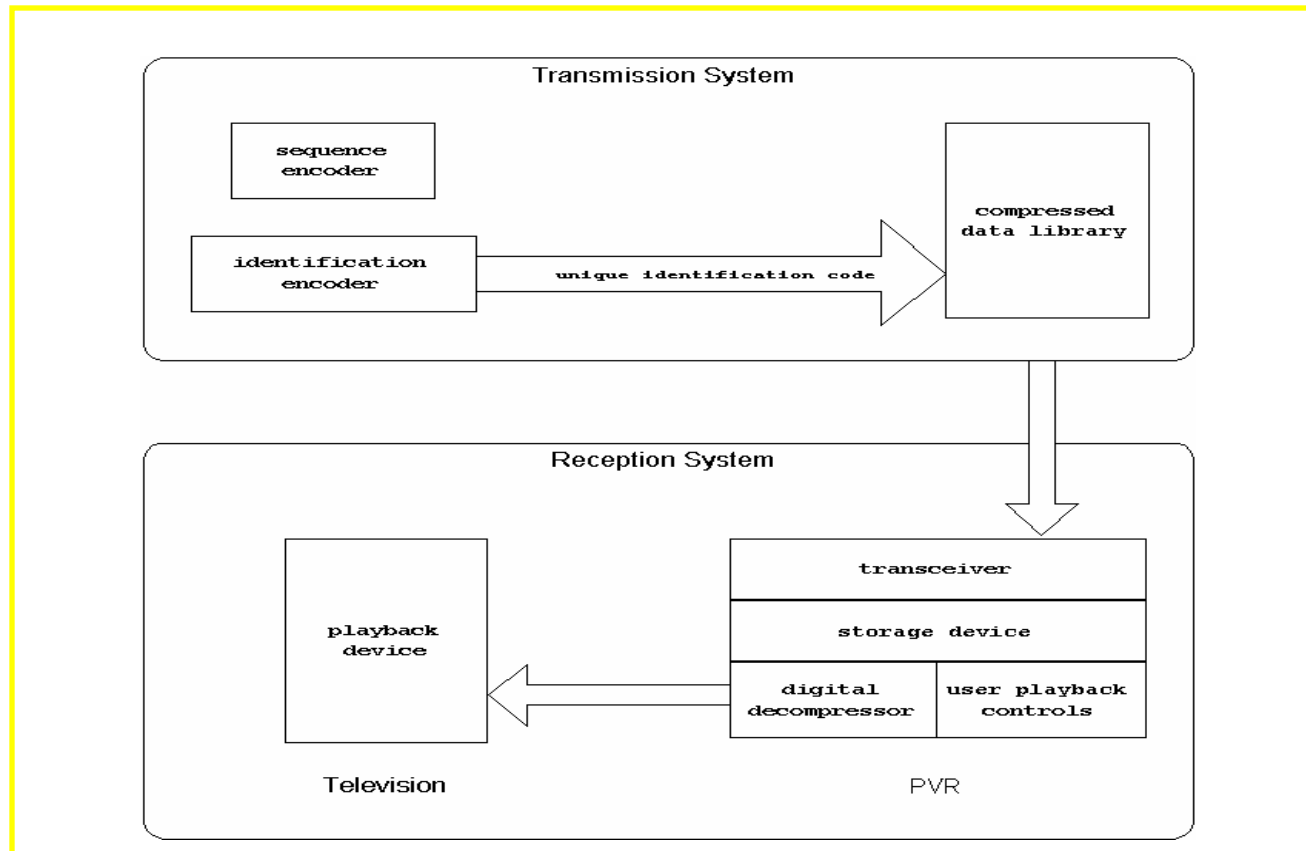
## 1. A communication system comprising:



*A digital cable system delivers media (e.g., movies, television programming) to subscribers. This is an example of a communication system.*

## DVR Used in a Digital Cable System Compared to the '702 Patent Claim 1:

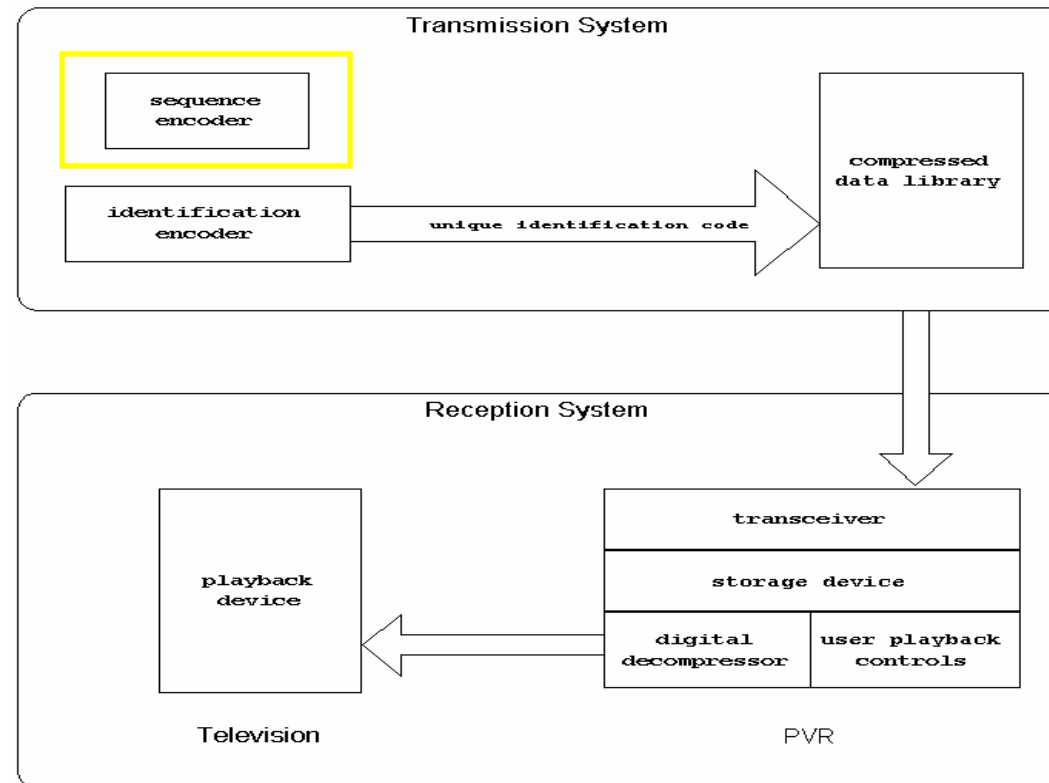
a transmission system at a first location in data communication with a reception system at a second location, wherein said transmission system comprises



*Content providers, acting on behalf of cable operators, acquire and digitize media. This media is transmitted to cable subscribers via the cable operators. This is an example of a transmission system in data communication with a reception system.*

# DVR Used in a Digital Cable System Compared to the '702 Patent Claim 1:

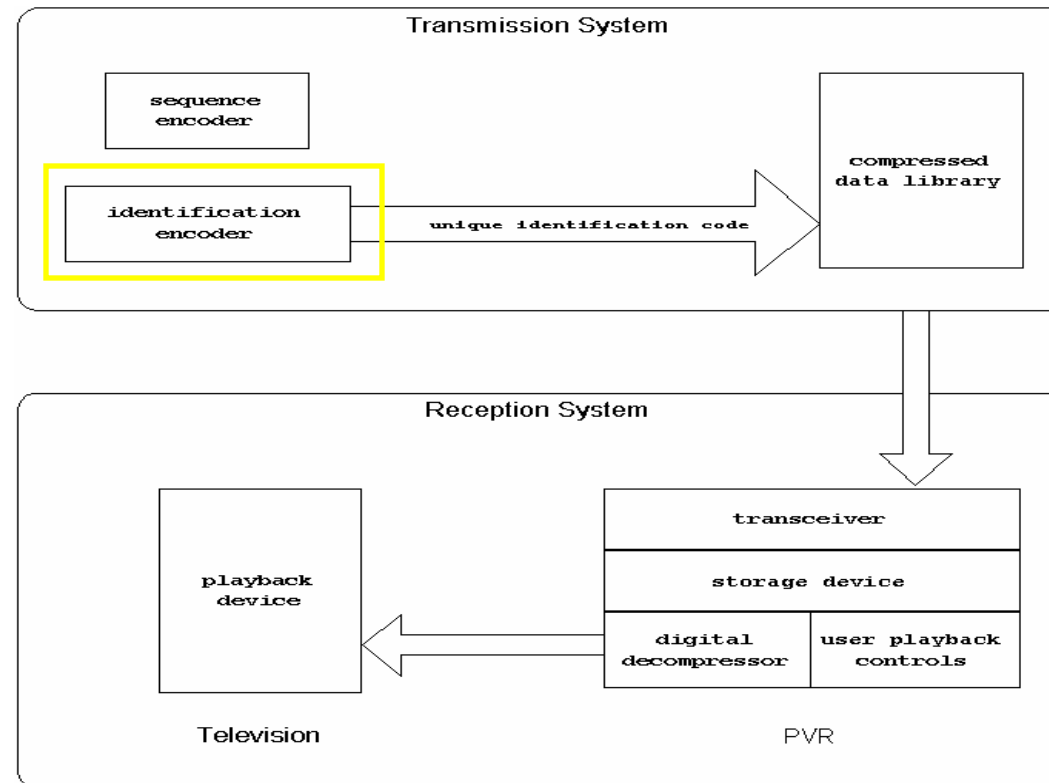
a sequence encoder,



*Video encoding methods, such as MPEG-2, organize frames into sequences called groups of pictures. These frames are organized so that they are addressable by time. An MPEG-2 encoder is an example of a sequence encoder.*

# DVR Used in a Digital Cable System Compared to the '702 Patent Claim 1:

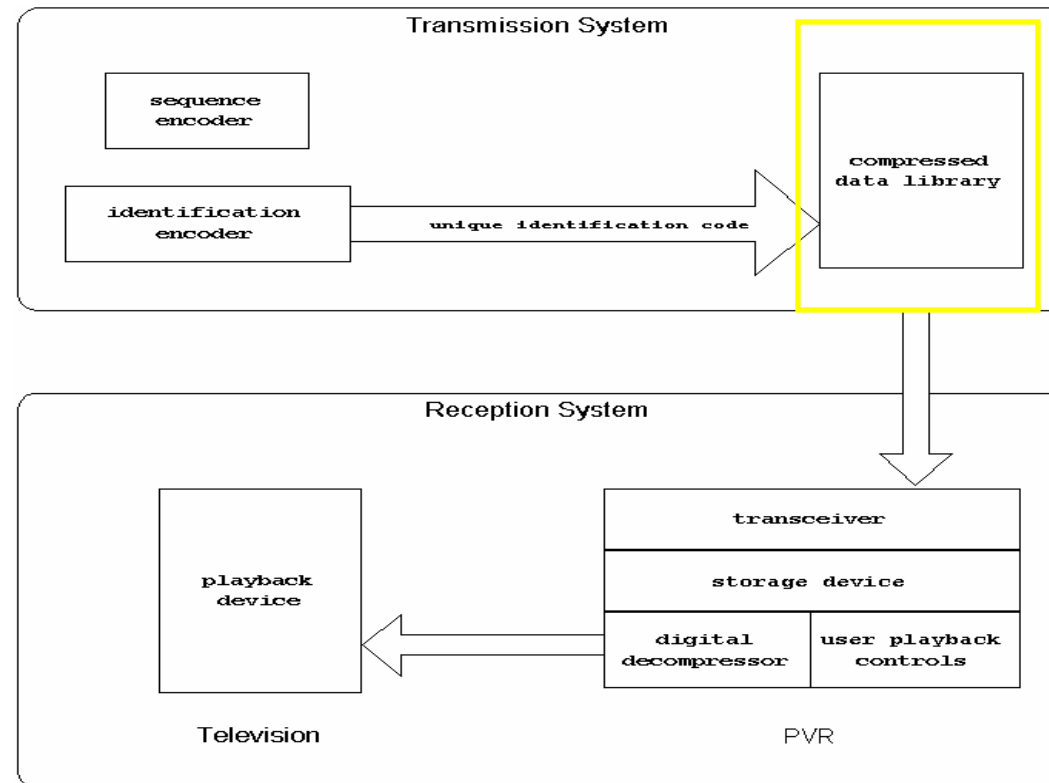
an identification encoder, and



*Content providers use a software application operating on hardware to assign unique identification codes to the media. A software application used in this manner is an example of an identification encoder.*

## DVR Used in a Digital Cable System Compared to the '702 Patent Claim 1:

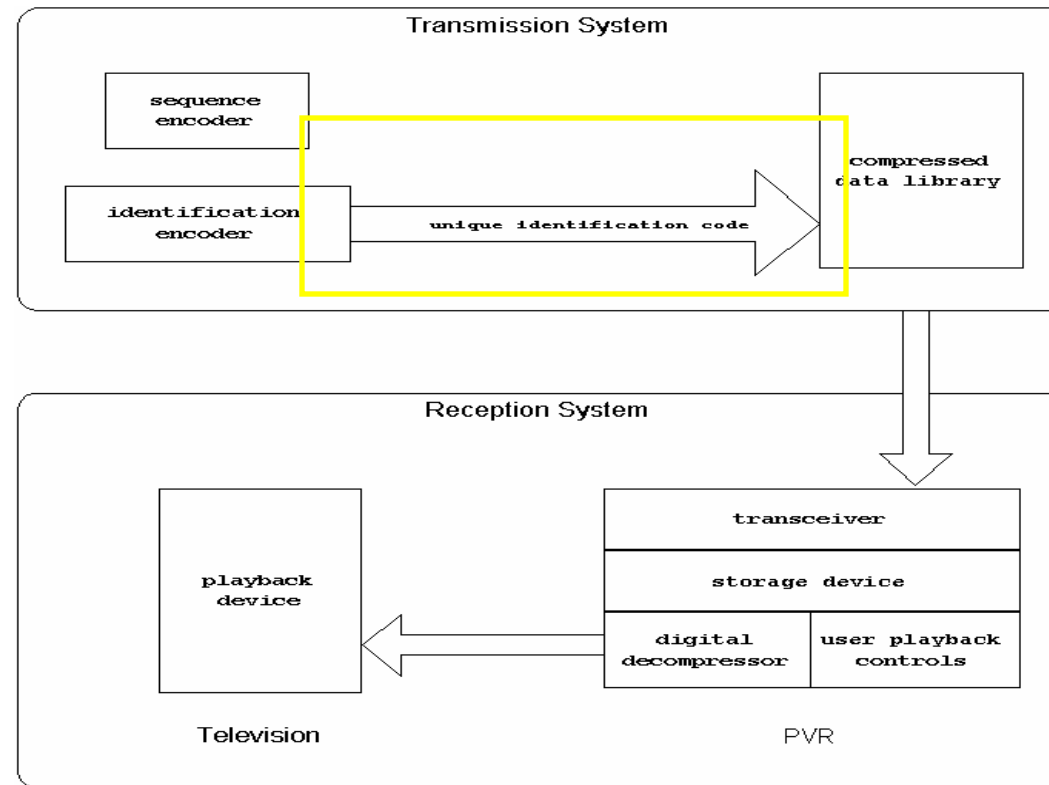
a compressed data library in data communication with said identification encoder,



*The encoded media is stored on an array of storage devices at the content provider facility. The array of storage devices is an example of a compressed data library.*

## DVR Used in a Digital Cable System Compared to the '702 Patent Claim 1:

wherein said identification encoder gives items in said compressed data library a unique identification code; and

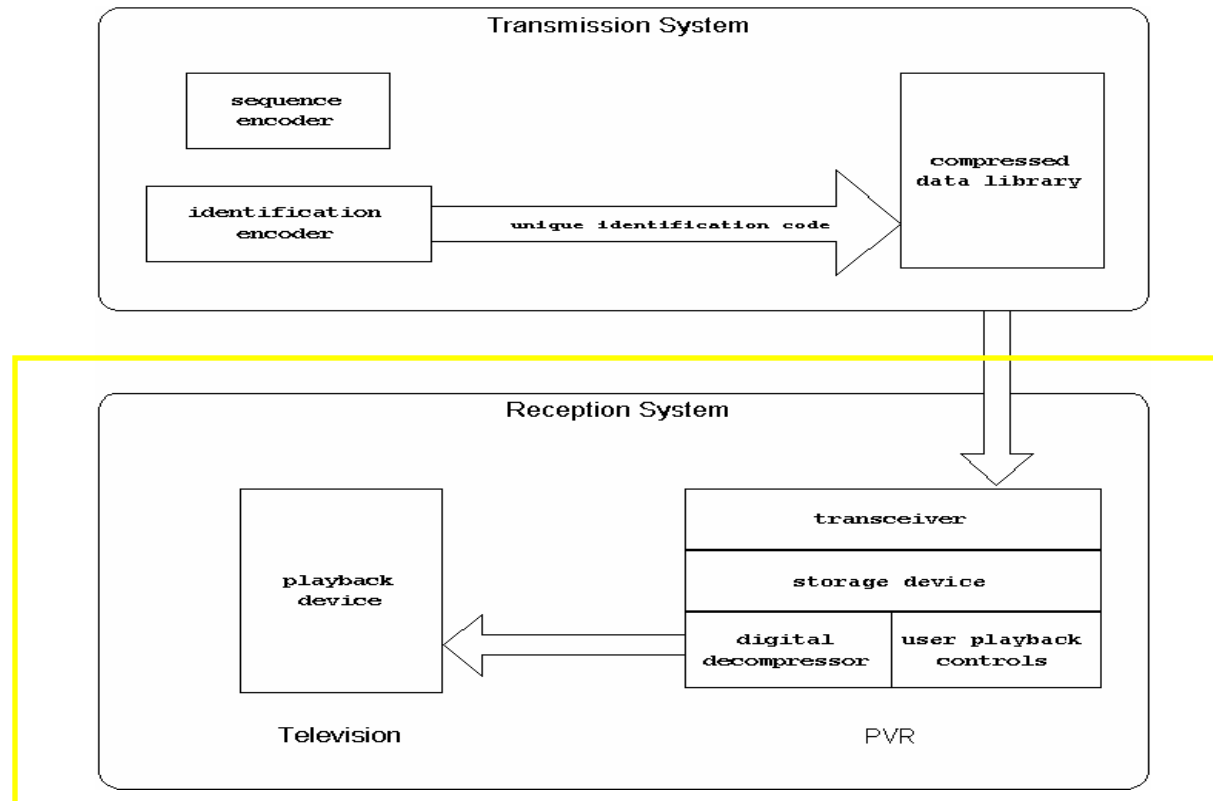


*As an example, the encoded media in the compressed data library is given a unique identification code by the software application operating on hardware..*



## DVR Used in a Digital Cable System Compared to the '702 Patent Claim 1:

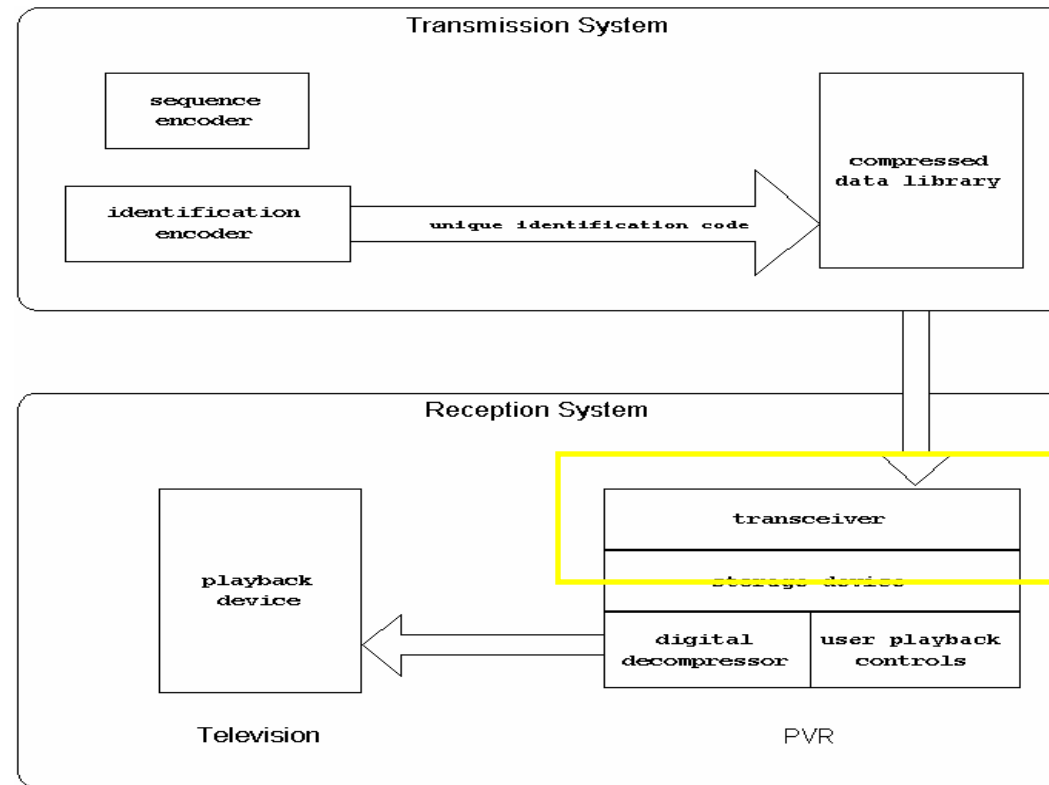
wherein said reception system comprises



*A PVR enabled set-top box receiving media transmitted from a content provider via a cable operator is an example of a reception system.*

## DVR Used in a Digital Cable System Compared to the '702 Patent Claim 1:

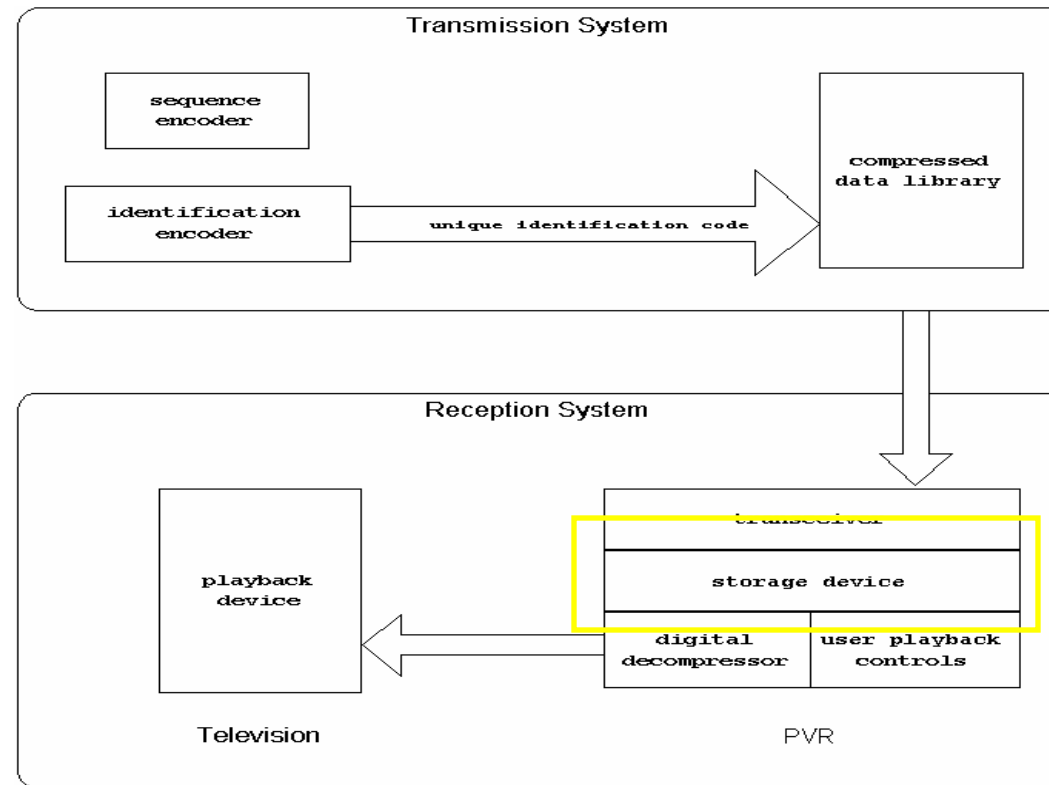
a transceiver in data communication with said transmission system,



*As an example, a PVR enabled set-top box contains a transceiver through which it receives media.*

## DVR Used in a Digital Cable System Compared to the '702 Patent Claim 1:

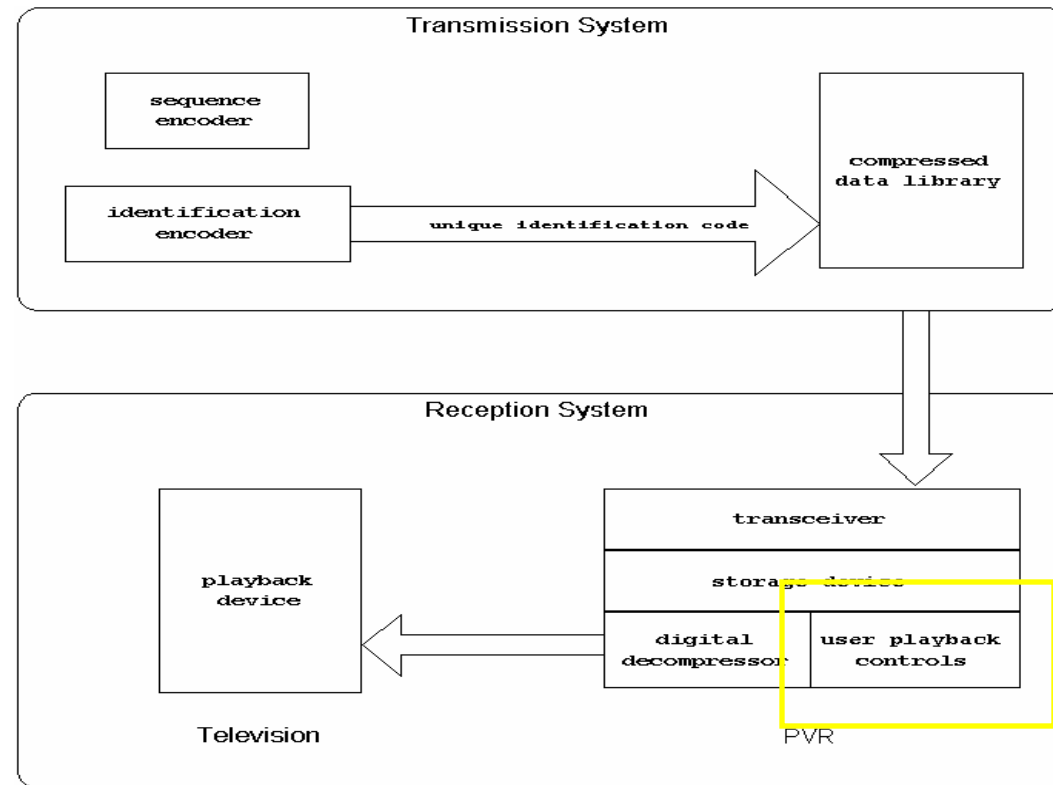
a storage device in data communication with said transceiver,



*The PVR enabled set-top box contains a hard drive for storing media. The hard drive is an example of a storage device.*

## DVR Used in a Digital Cable System Compared to the '702 Patent Claim 1:

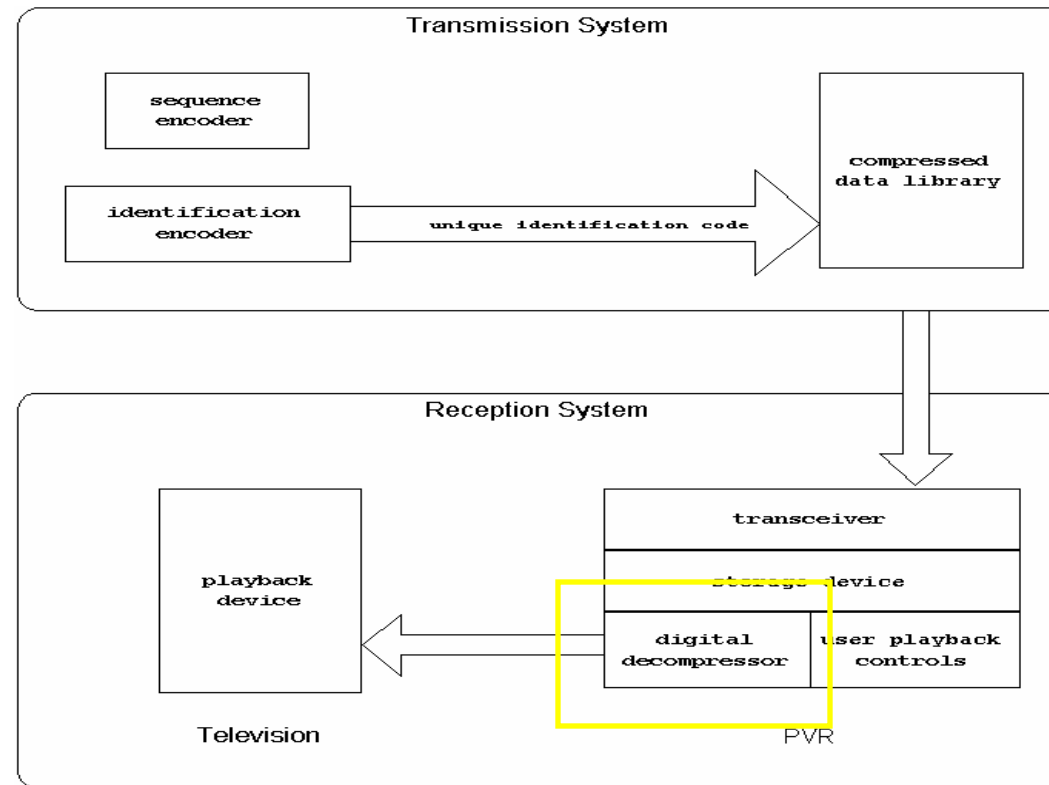
user playback controls in data communication with said storage device,



*The PVR enabled set-top box provides the subscriber with playback controls to access the stored media. The subscriber can use these controls to pause, rewind, fast forward, play, and stop the media. These are examples of user playback controls.*

## DVR Used in a Digital Cable System Compared to the '702 Patent Claim 1:

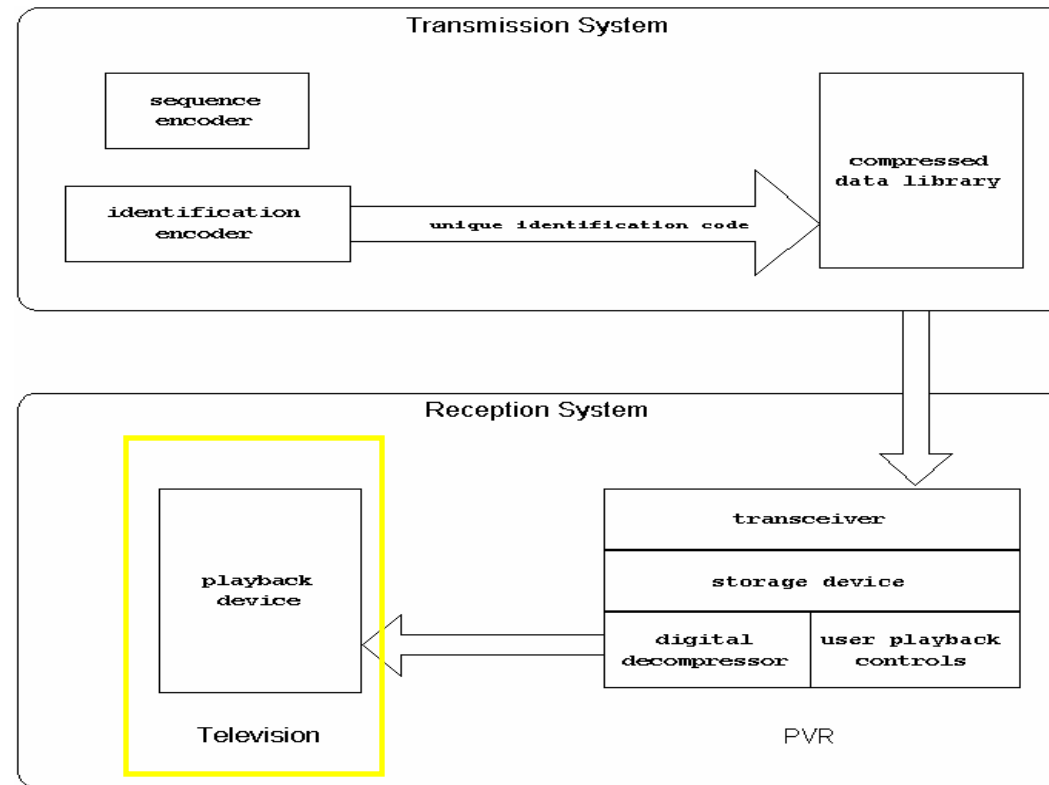
a digital decompressor in data communication with said storage device, and



*The media is stored in a compressed format on the hard drive. The PVR enabled set-top box contains a digital decompressor to decompress the compressed media for viewing.*

## DVR Used in a Digital Cable System Compared to the '702 Patent Claim 1:

a playback device in data communication with said digital decompressor.



*The PVR enabled set-top box connects to a television to play the decompressed media. The television is an example of a playback device.*