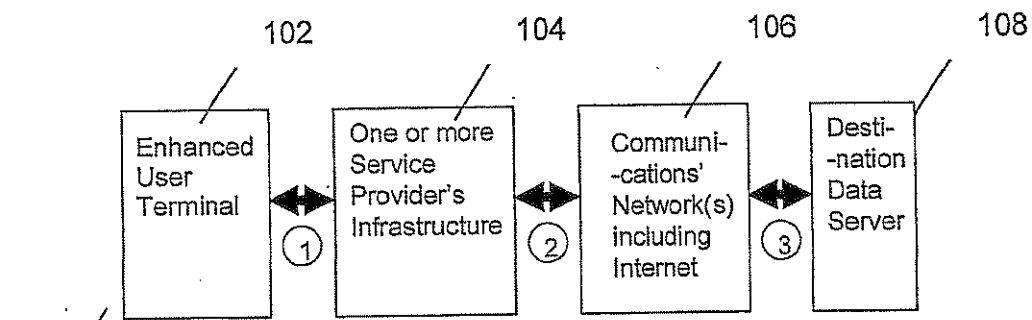


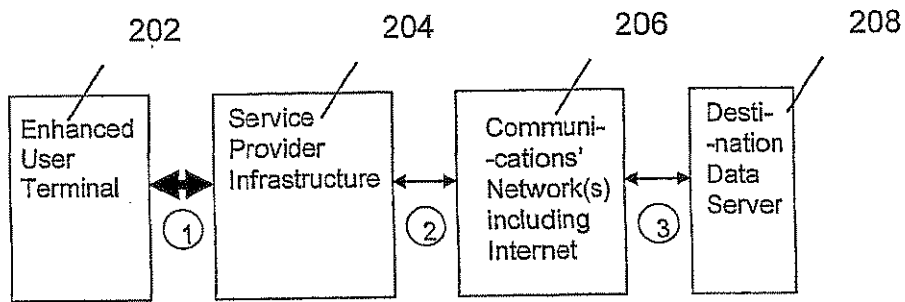


100

Notes:

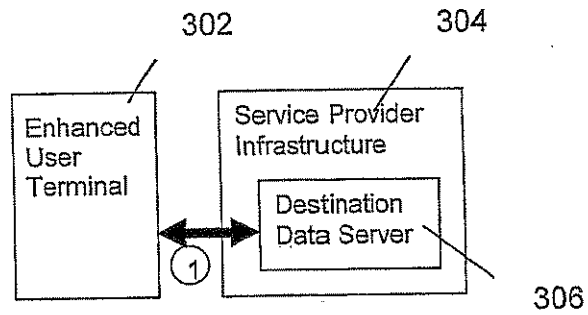
1. For Wireless/Mobile Service Provider the Infrastructure includes Base Station, Radio Towers etc.
2. The Links marked with 2 and 3 are usually very high bandwidth links.
3. The Links marked with a thick line are multiple communication links.

Figure 1

**Notes:**

1. For Wireless/Mobile Service Provider the Infrastructure includes Base Station Radio Towers etc.
2. The Links marked with 2 and 3 are usually very high bandwidth links.
3. The Link marked with a thick line is a multiple communication link.
4. Here all the Links to the User Terminal are provided by the same Service Provider.

Figure 2

**Notes:**

1. For Wireless/Mobile Service Provider the Infrastructure includes Base Station Radio Towers etc.
2. The Destination Data Server is a part of the Service Provider Infrastructure.
3. The Link marked with a thick line is a multiple communication link.
4. Here all the Links to the User Terminal are provided by the same Service Provider.

Figure 3

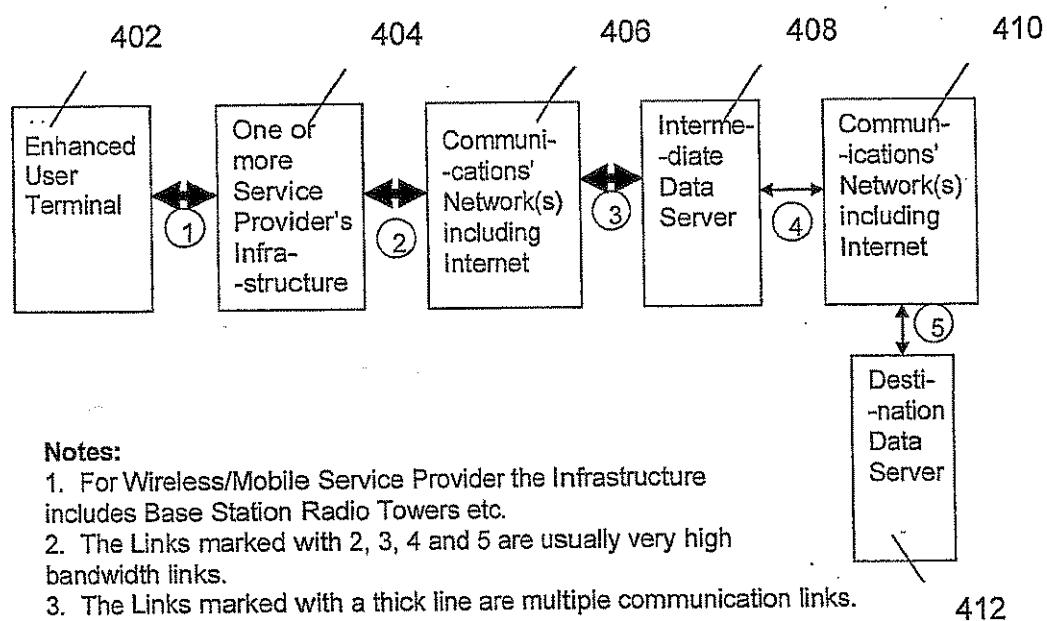
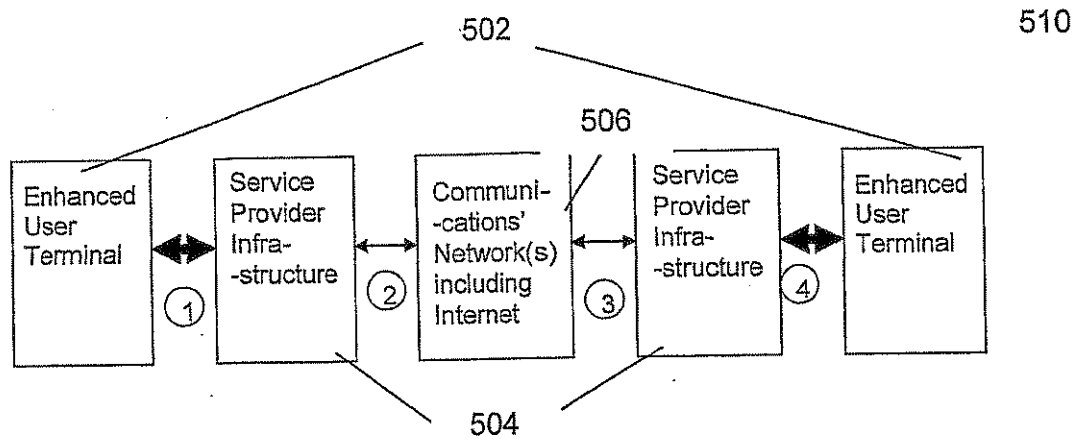
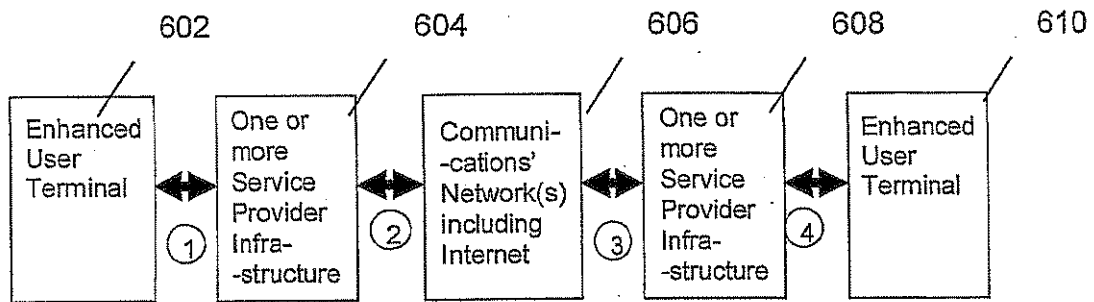


Figure 4

**Notes:**

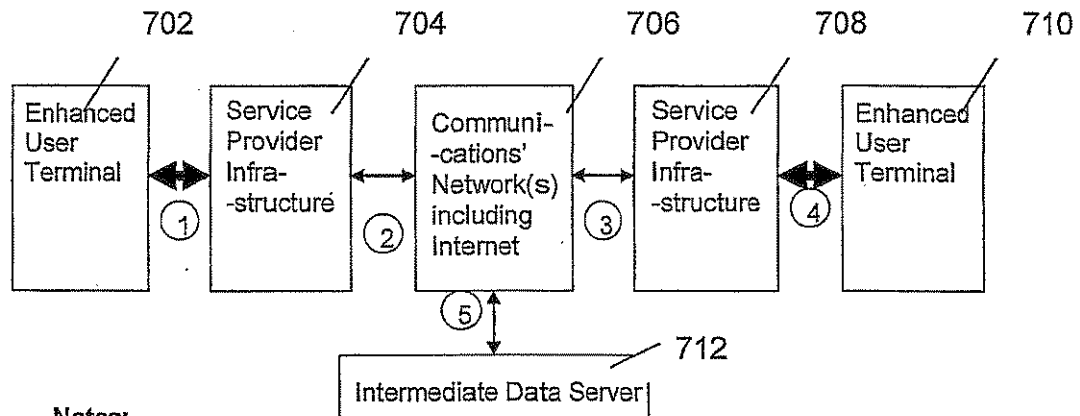
1. For Wireless/Mobile Service Provider the Infrastructure includes Base Station Radio Towers etc.
2. The Service Providers for the two User Terminals may or may not be the same.
3. The Links marked with 2 and 3 are usually very high bandwidth links.
4. The Links marked with a thick line are multiple communication links.
5. Here all the Links to each of the User Terminals are provided by the same Service Provider.

Figure 5

**Notes:**

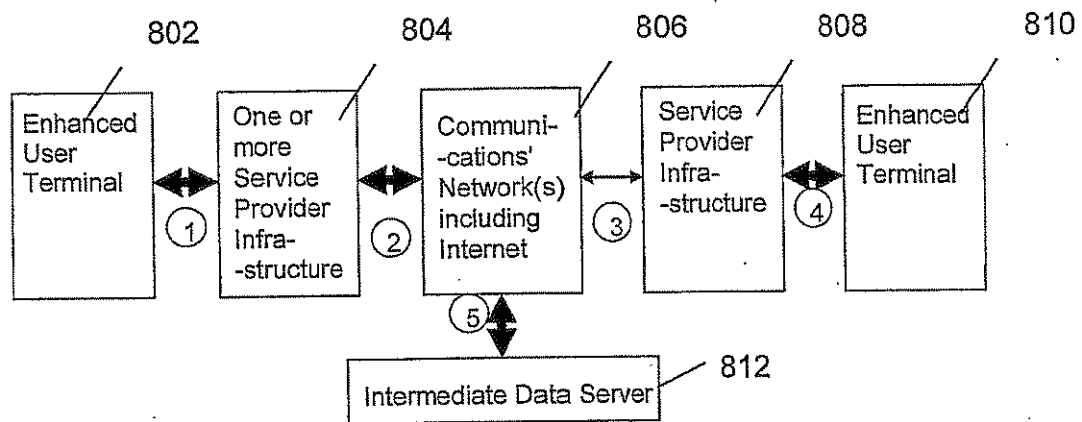
1. For Wireless/Mobile Service Provider the Infrastructure includes Base Station Radio Towers etc.
2. The Service Providers for the two User Terminals may or may not be the same.
3. The Links marked with 2 and 3 are usually very high bandwidth links.
4. The Links marked with a thick line are multiple communication links.

Figure 6

**Notes:**

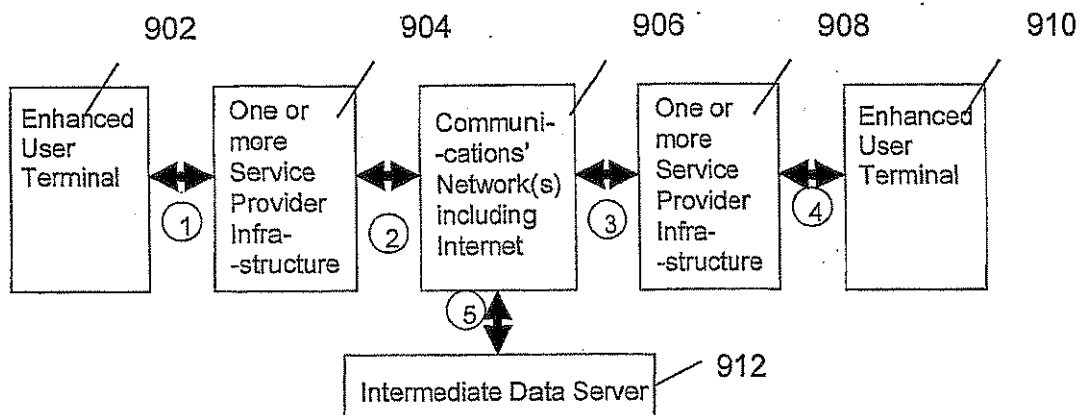
1. For Wireless/Mobile Service Provider the Infrastructure includes Base Station Radio Towers etc.
2. The Intermediate Data Server resides on the Internet.
3. The Service Providers for the two User Terminals may or may not be the same.
4. The Links marked with 2, 3, and 5 are usually very high bandwidth links.
5. The Links marked with a thick line are multiple communication links.
6. Here all the Links to each of the User Terminals are provided by the same Service Provider.

Figure 7

**Notes:**

1. For Wireless/Mobile Service Provider the Infrastructure includes Base Station Radio Towers etc.
2. The Intermediate Data Server resides on the Internet.
3. The Service Providers for the two User Terminals may or may not be the same.
4. The Links marked with 2, 3, and 5 are usually very high bandwidth links.
5. The Links marked with a thick line are multiple communication links.
6. Here all the Links to the User Terminal on the right are provided by the same Service Provider.

Figure 8

**Notes:**

1. For Wireless/Mobile Service Provider the Infrastructure includes Base Station Radio Towers etc.
2. The Intermediate Data Server resides on the Internet.
3. The Service Providers for the two User Terminals may or may not be the same.
4. The Links marked with 2, 3, and 5 are usually very high bandwidth links.
5. The Links marked with a thick line are multiple communication links.

Figure 9

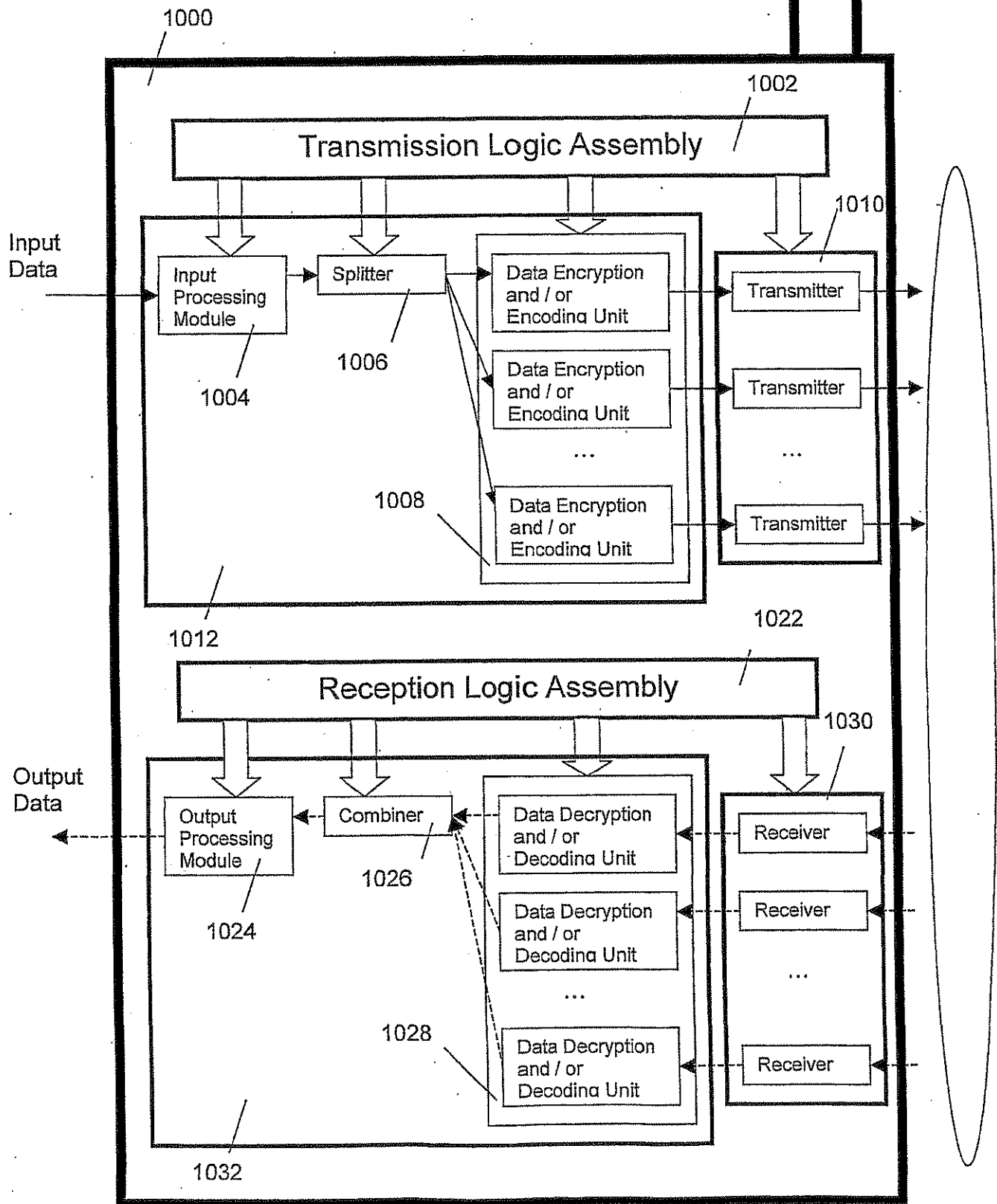
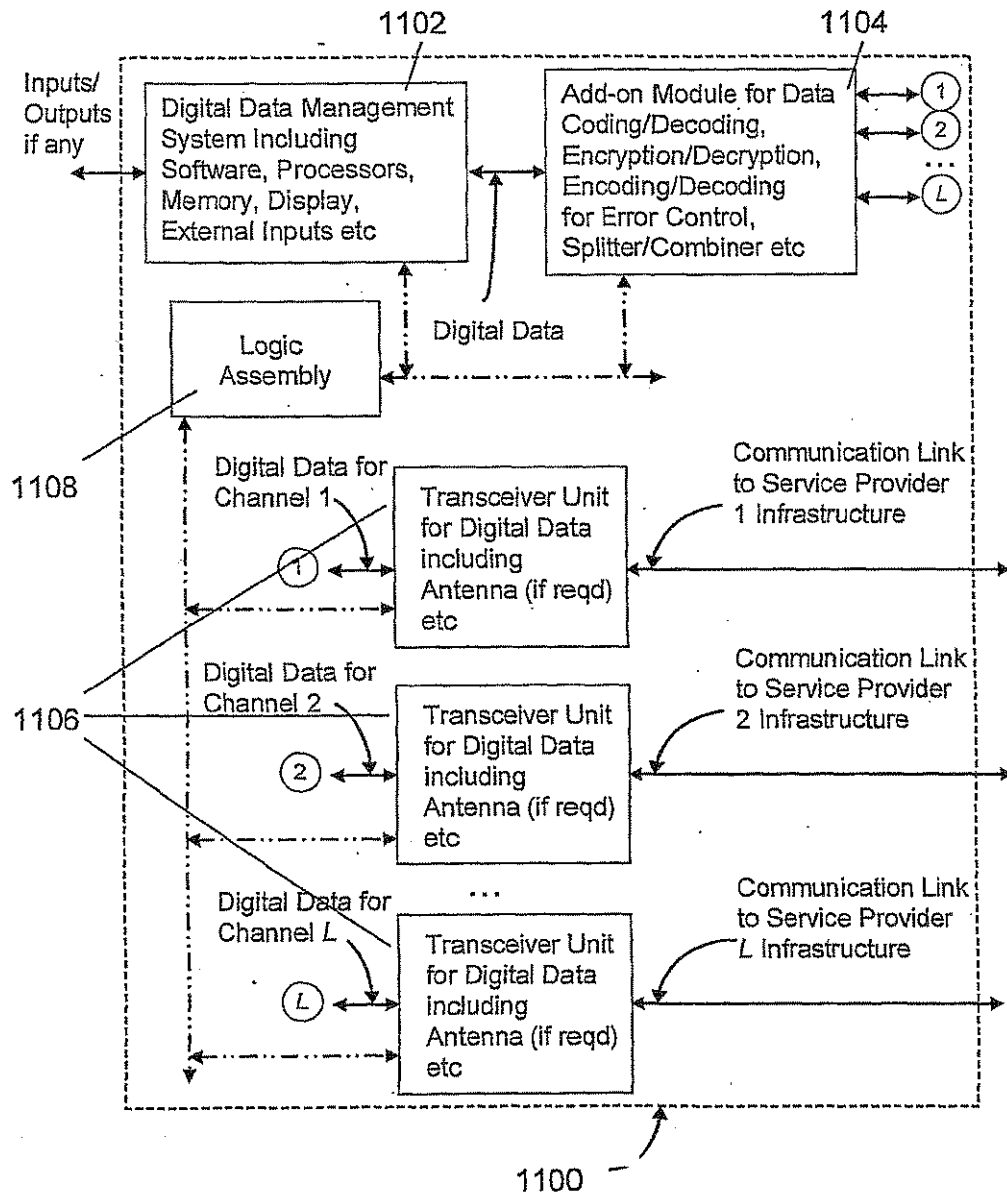


Figure 10



Note: One or more of the L Service Providers labeled as Service Provider 1, ..., Service Provider L may be the same Service Provider.

Figure 11

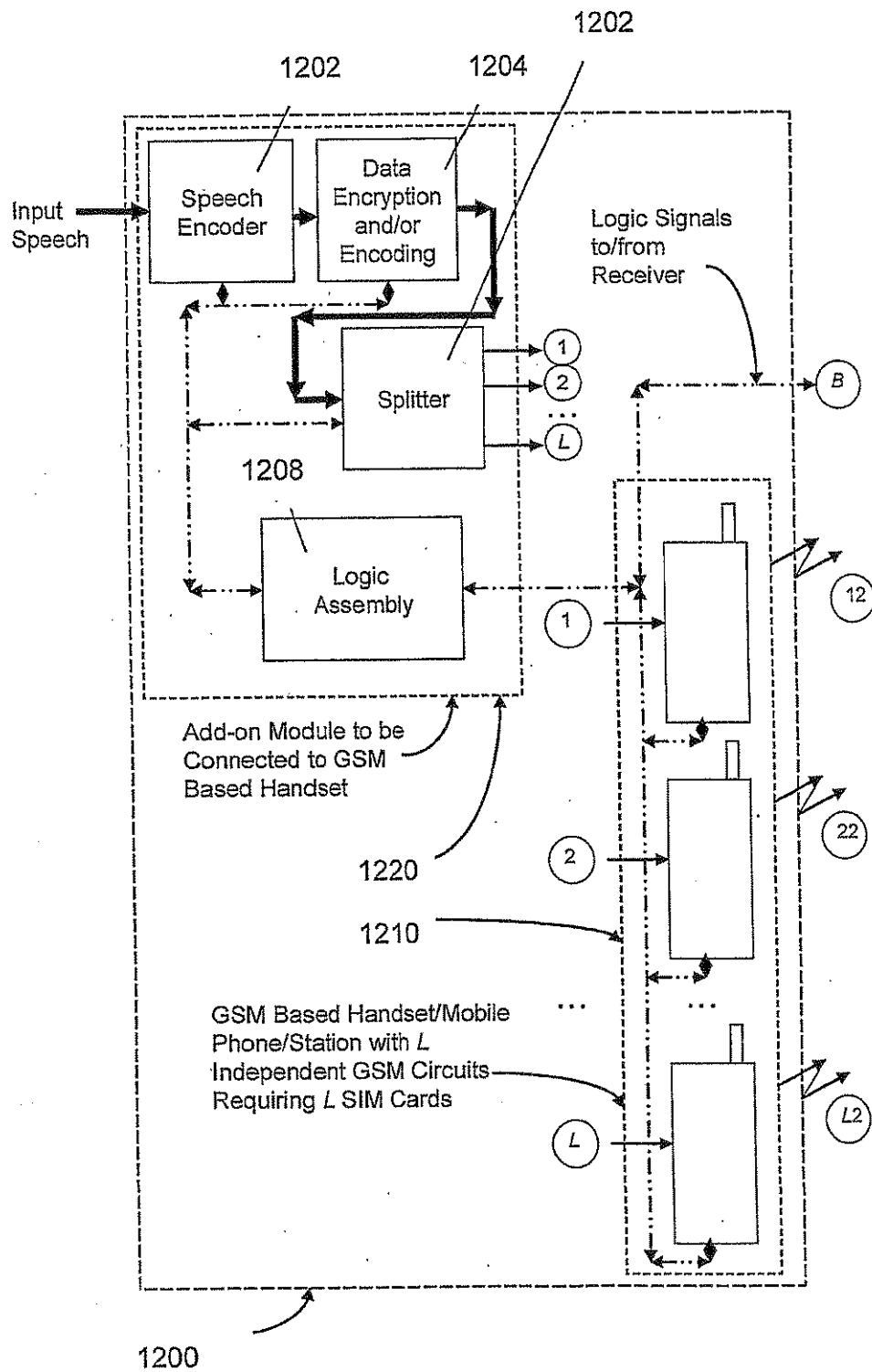


Figure 12

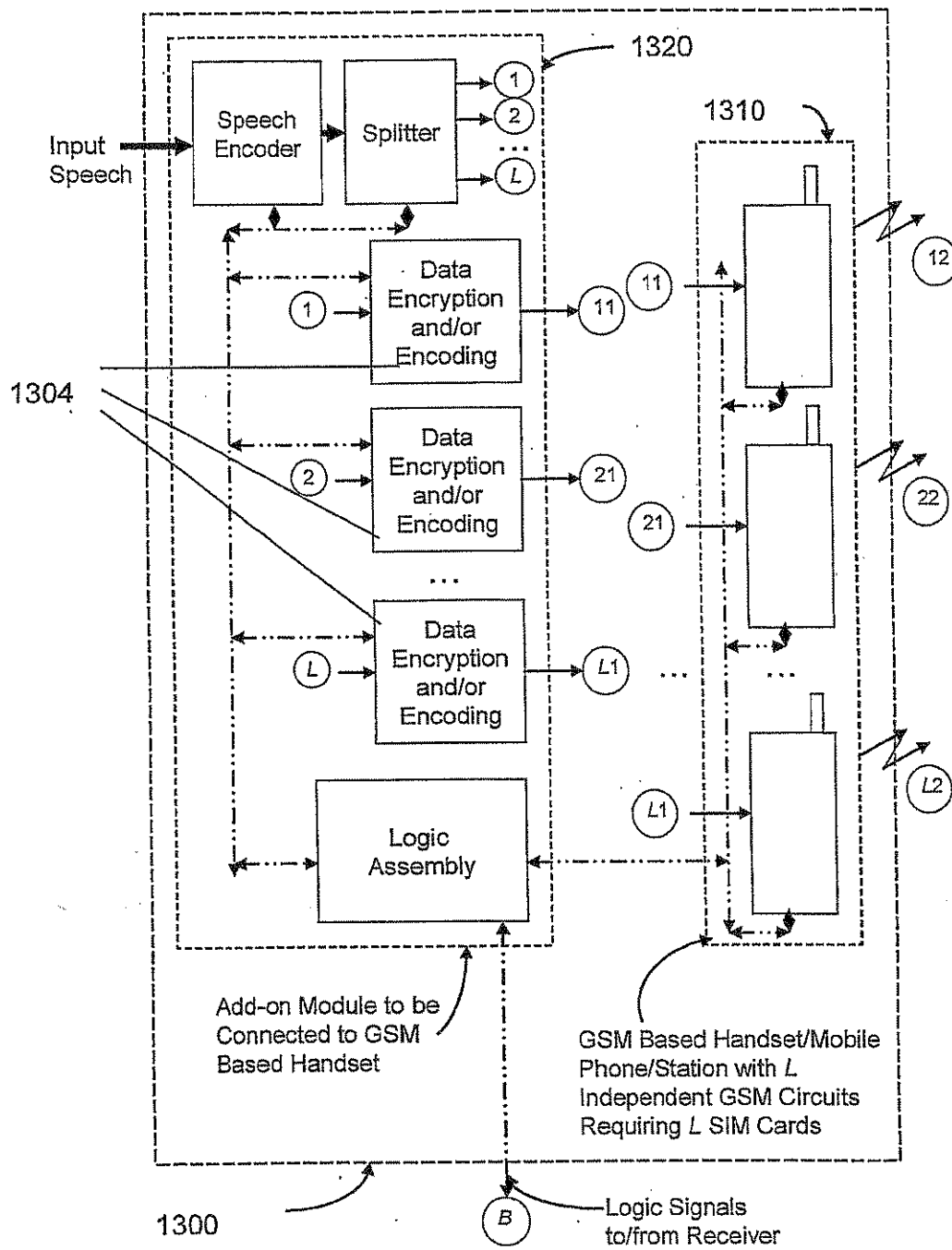


Figure 13

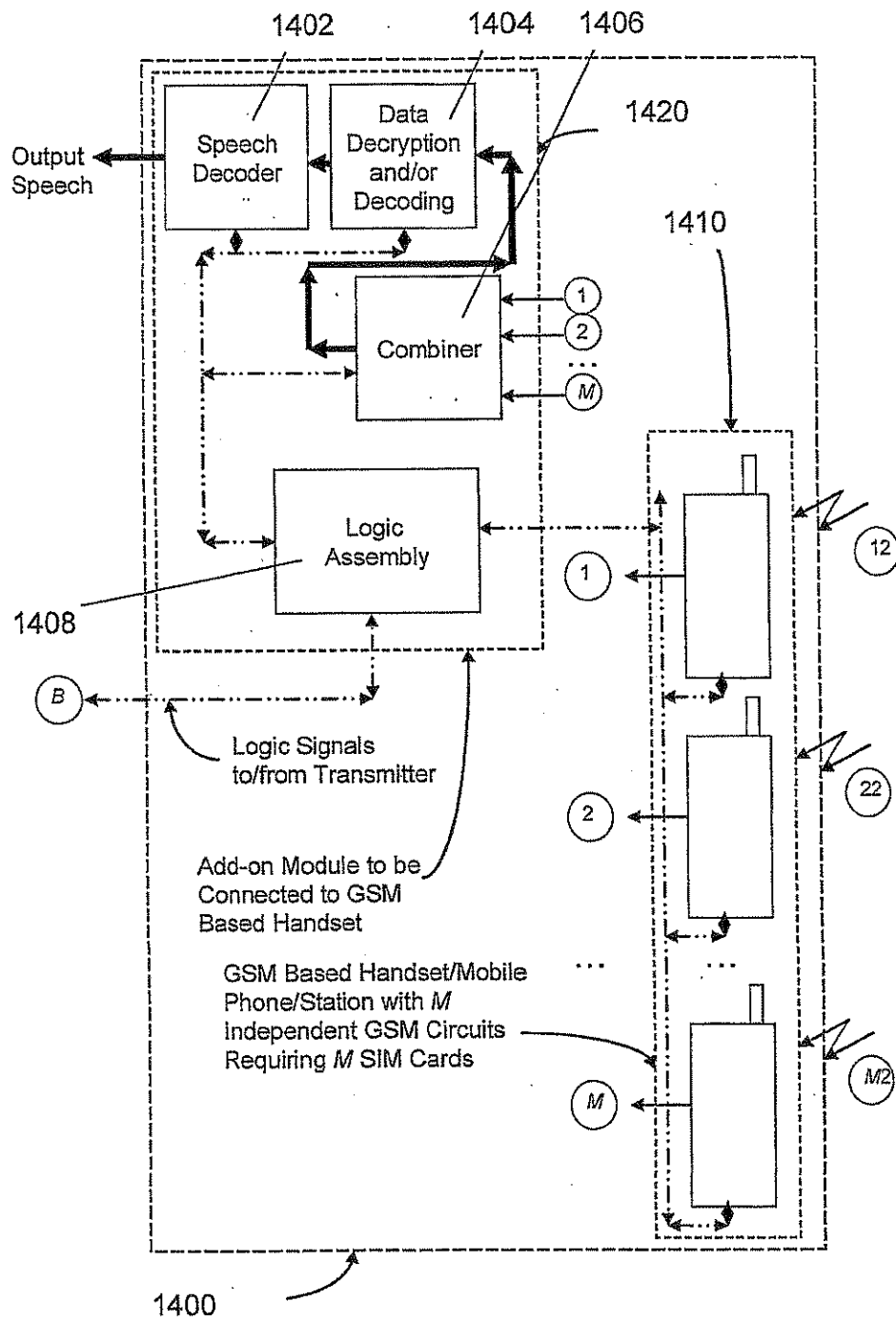


Figure 14

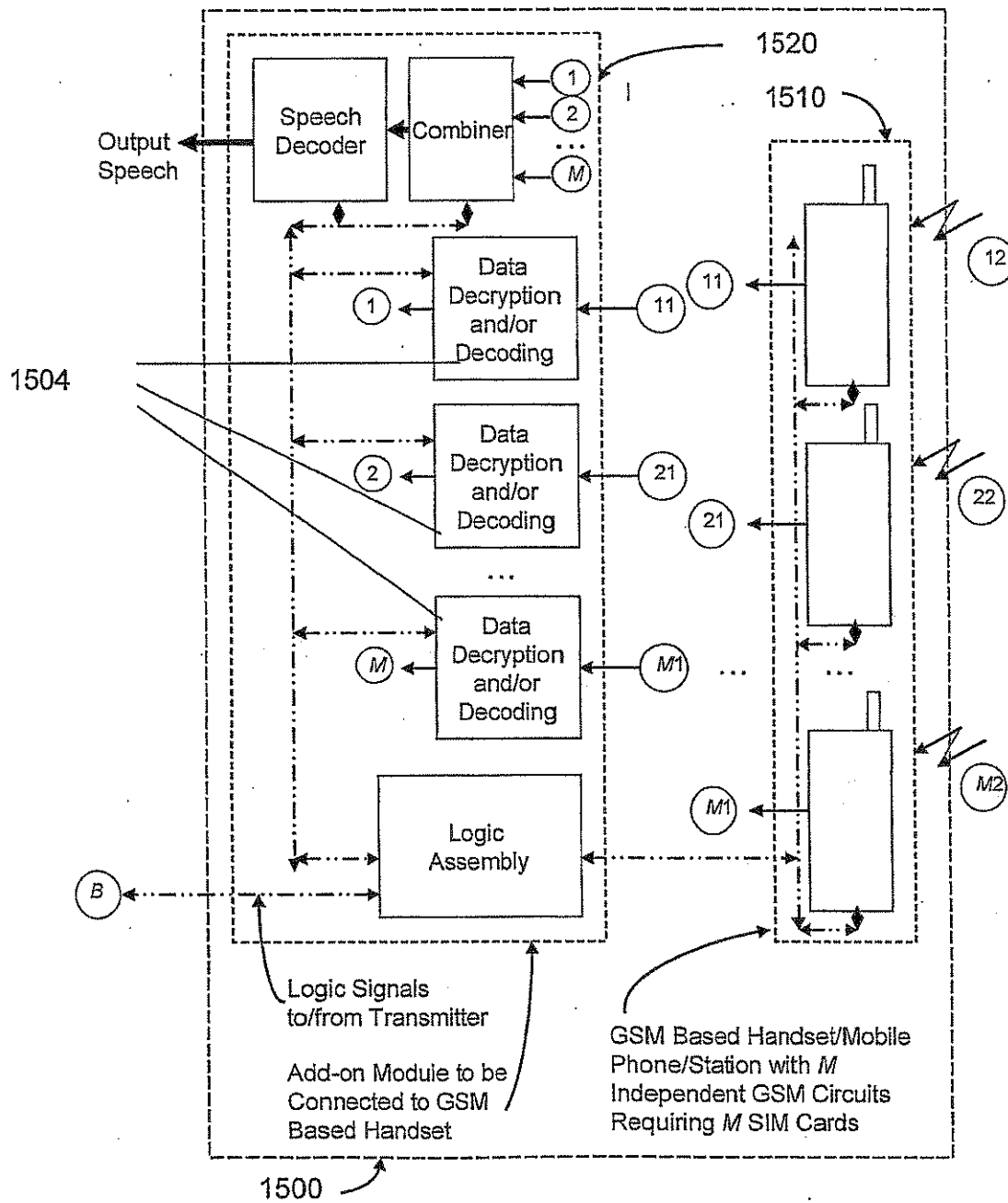


Figure 15

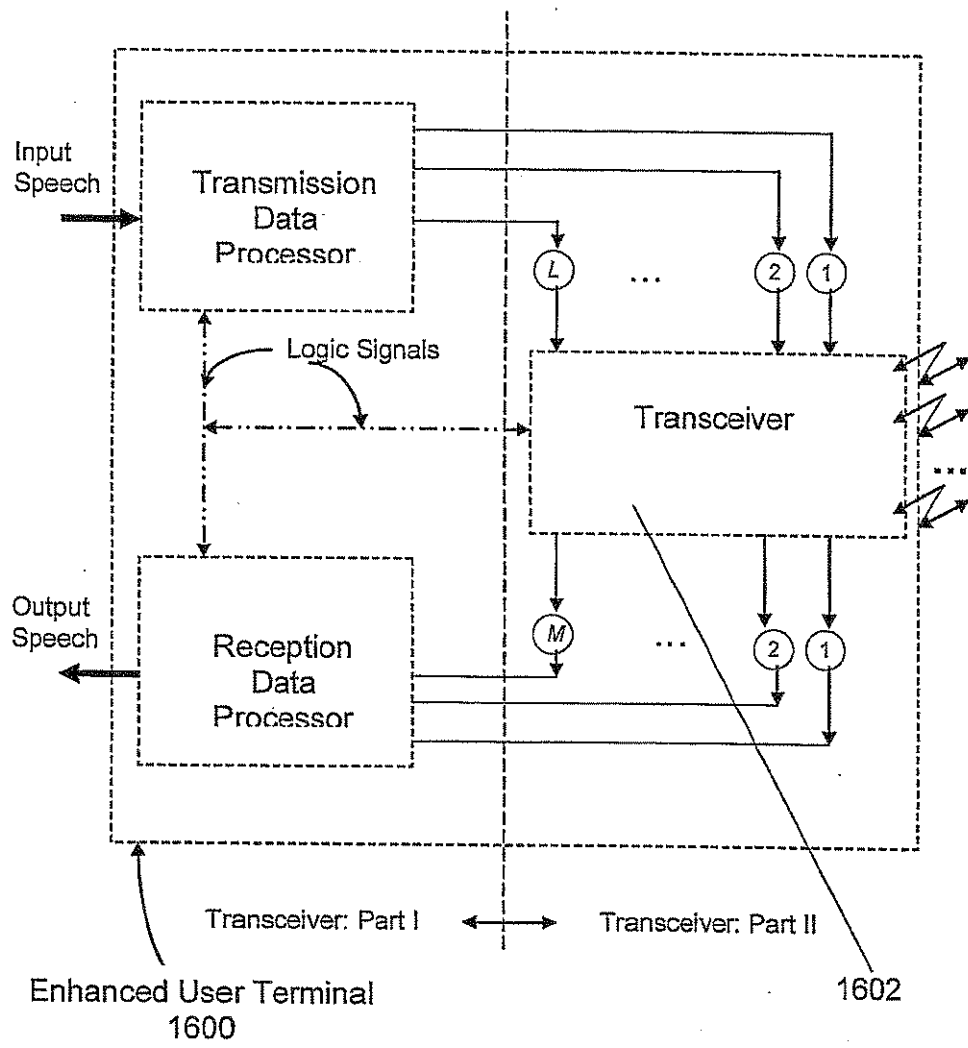


Figure 16

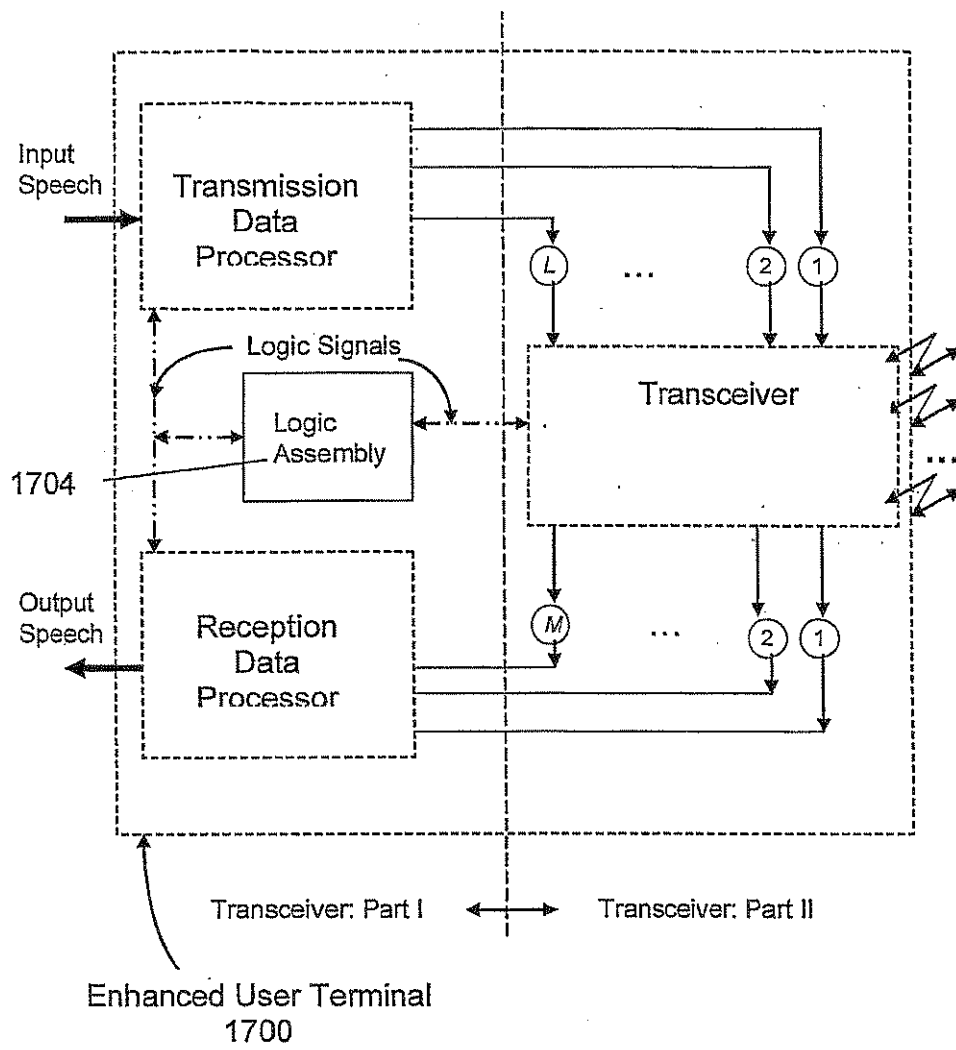
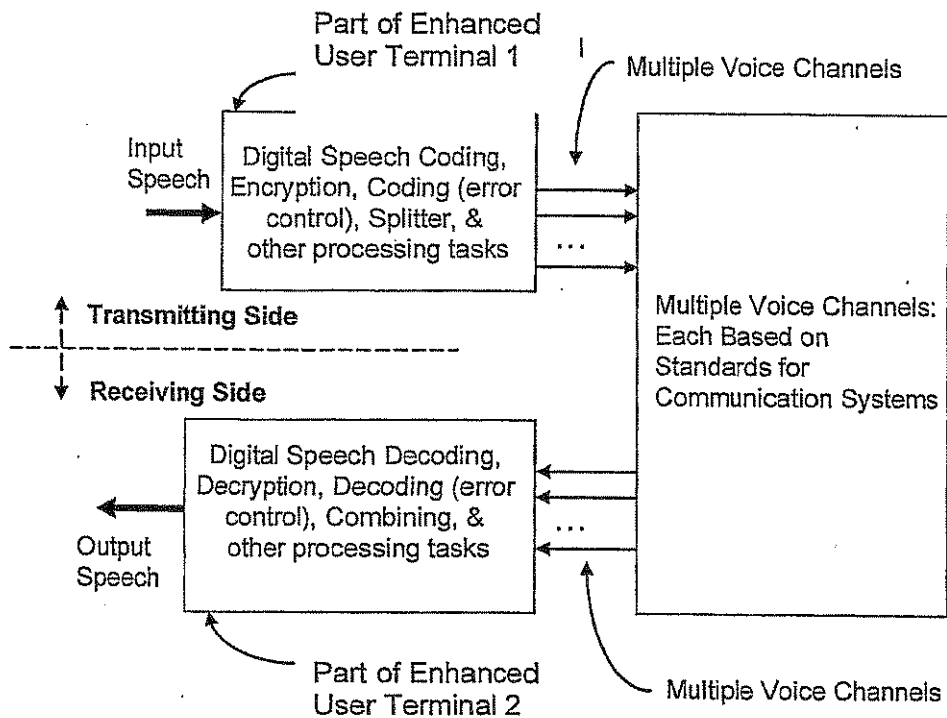
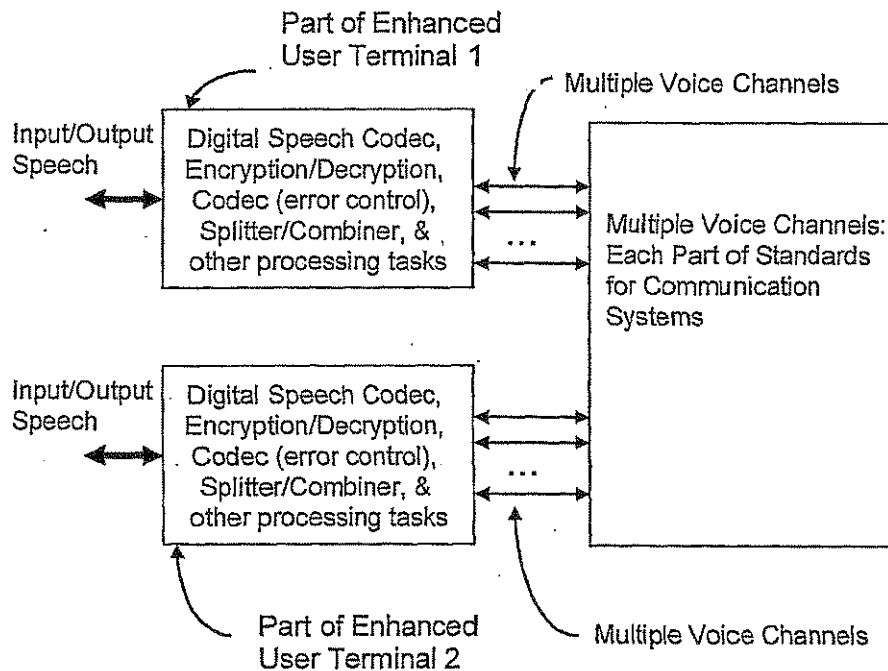


Figure 17

**Notes:**

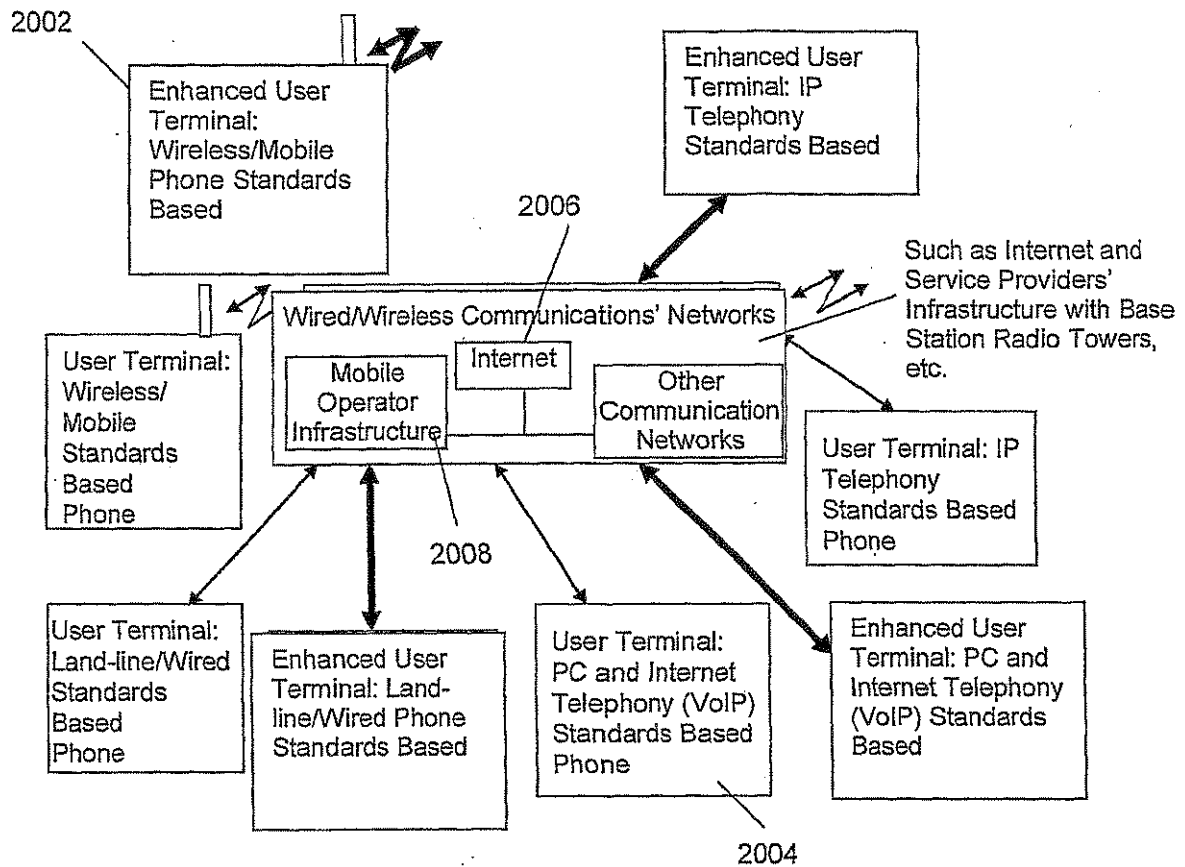
1. Each Voice Channel provides communication from the User Terminal to a Service Provider Infrastructure for the Transmitting Side, from that Service Provider Infrastructure of the transmitting User Terminal to a Service Provider Infrastructure of the receiving User Terminal, and from that Service Provider Infrastructure to the User Terminal for the Receiving Side.
2. User Terminal 1 and User Terminal 2 are in communication with each other simultaneously using multiple Voice Channels.
3. The two User Terminals in communication don't have to be of the same type or follow the same Standards. For instance, one can use multiple GSM Voice Channels while the other uses multiple land-line or VoIP Voice Channels.

Figure 18

**Notes:**

1. Each Voice Channel provides communication from the User Terminal to a Service Provider Infrastructure for the Transmitting Side, from that Service Provider Infrastructure of the transmitting User Terminal to a Service Provider Infrastructure of the receiving User Terminal, and from that Service Provider Infrastructure to the User Terminal for the Receiving Side.
2. There are multiple Voice Channels from User Terminal 1 to User Terminal 2 and multiple Voice Channels from User Terminal 2 to User Terminal 1.
3. Digital Speech Codec does the task of Digital Speech Coding and Decoding.
4. User Terminal 1 and User Terminal 2 are in communication with each other simultaneously using multiple Voice Channels.
5. The two User Terminals in communication don't have to be of the same type or follow the same Standards. For instance, one can use multiple GSM Voice Channels while the other uses multiple land-line or VoIP Voice Channels.

Figure 19

**Note:**

1. Any type of User Terminal can Communicate With Any Other Type of User Terminal.
2. It is possible that the Service Providers for the two User Terminals in communication may not be the same.

Figure 20

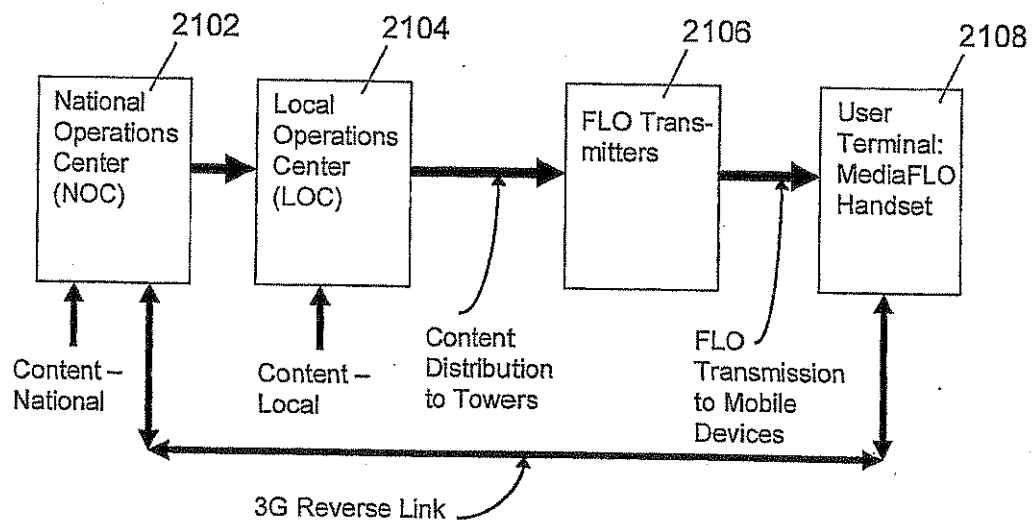
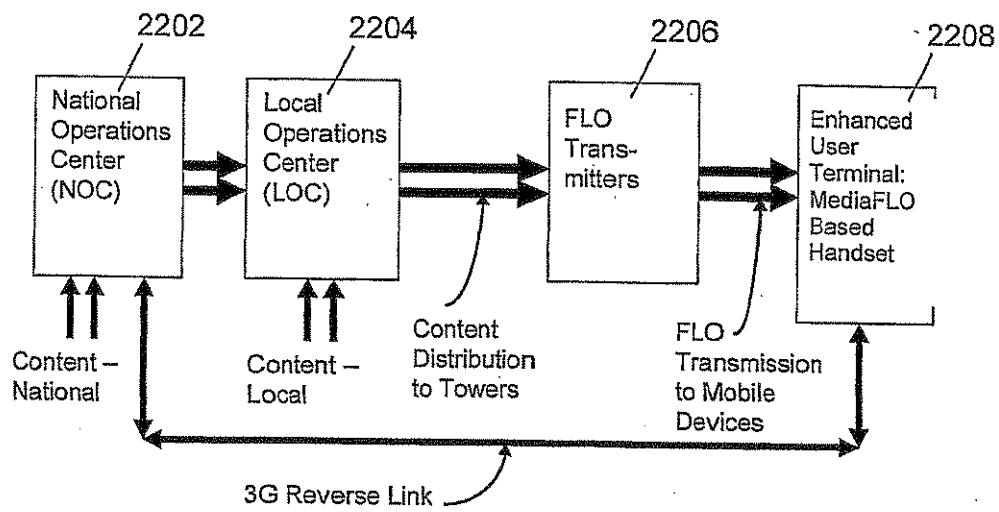


Figure 21



Notes:

1. Two or more than two Channels are used for at least one of the multi-media content from the FLO Transmitters to the User Terminal.

Figure 22

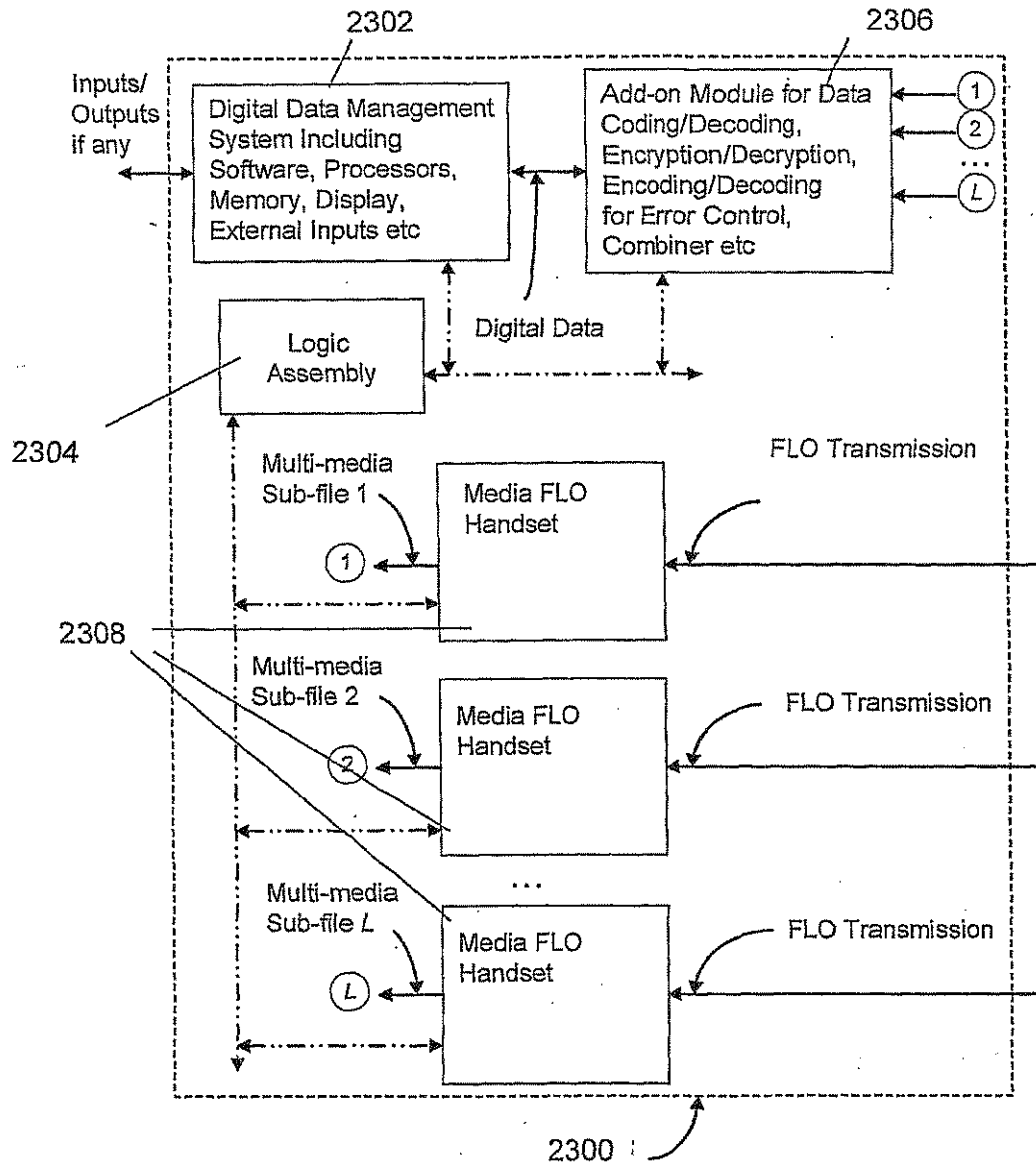
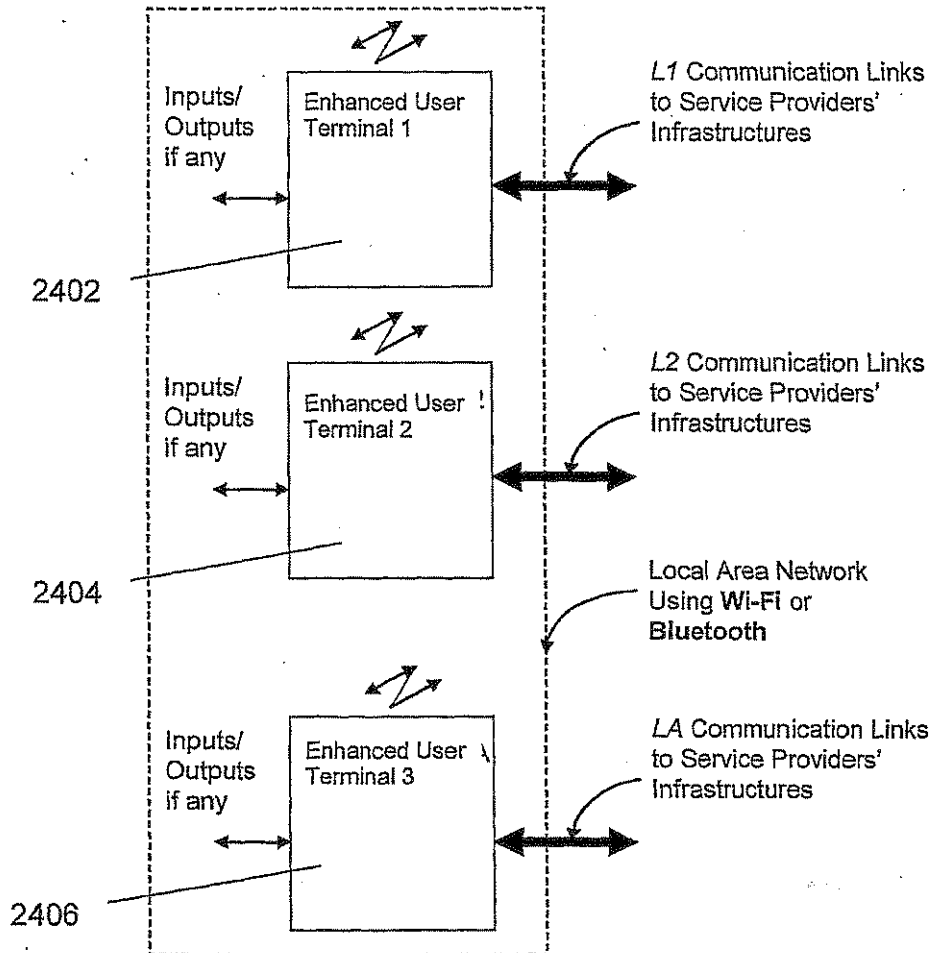
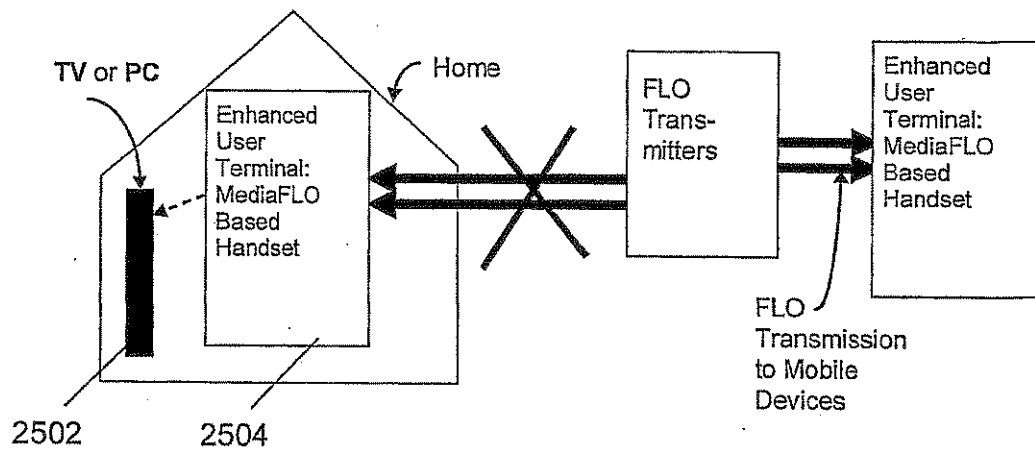


Figure 23

**Notes:**

1. The configuration of the local area network can be dynamic.
2. The multi-media content that each of the User Terminals receive from the Data Serve can also be dynamic accordingly.

Figure 24

**Notes:**

1. The TV or the PC receive the **Mobile TV** Channel content via a regular TV Channel delivered via Satellite, Cable or high speed Internet.
2. The user is automatically switched from the **Mobile TV** Channel to the regular TV Channel as soon as it is detected that the user can receive the **Mobile TV** Channel as a regular TV Channel.

Figure 25.

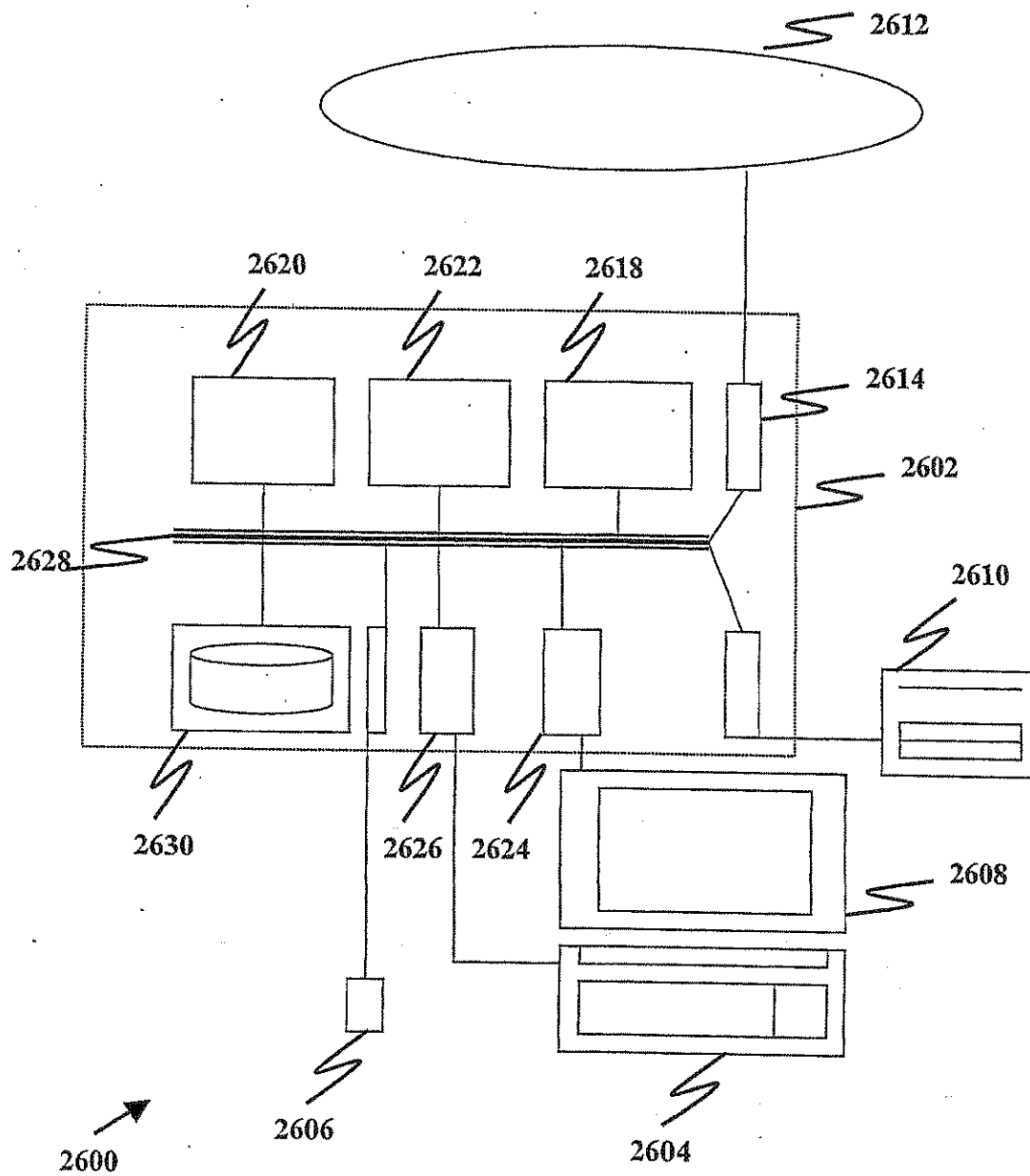


Figure 26

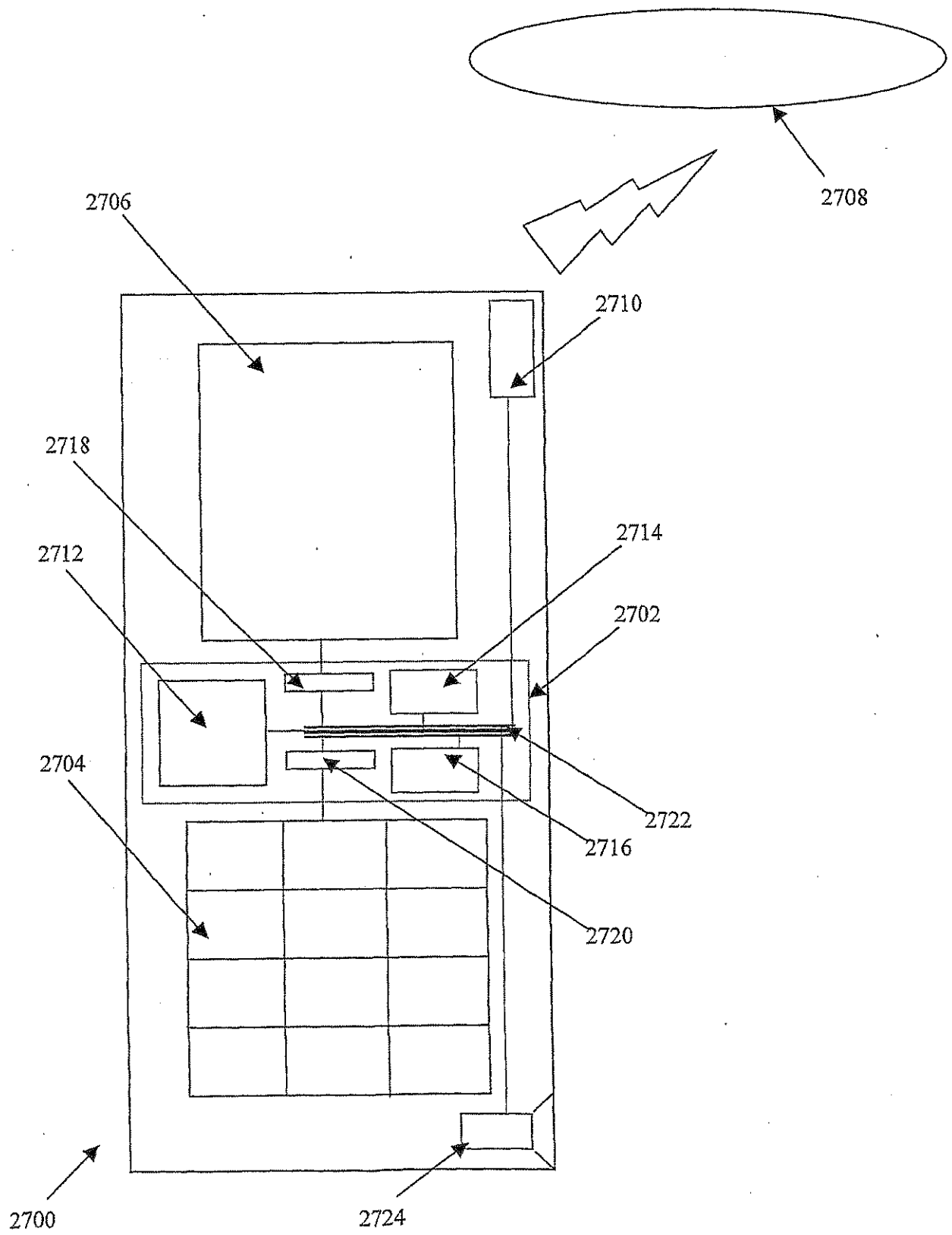


Figure 27

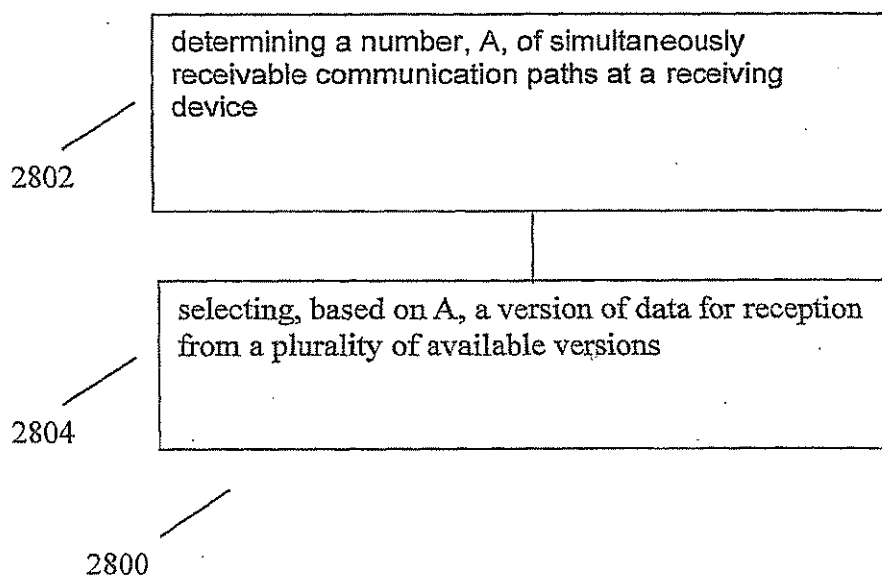


Figure 28