

1/10

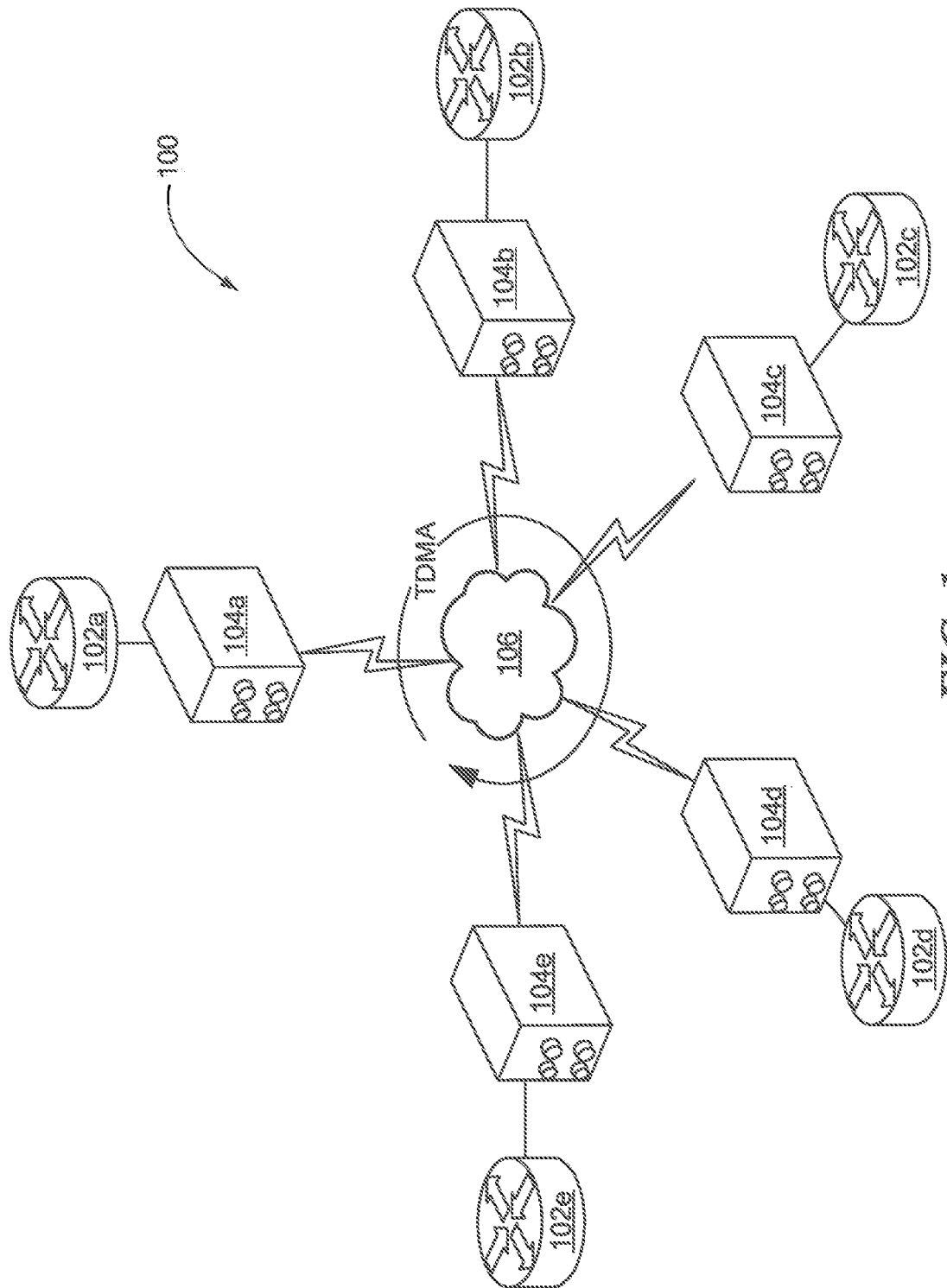


FIG. 1

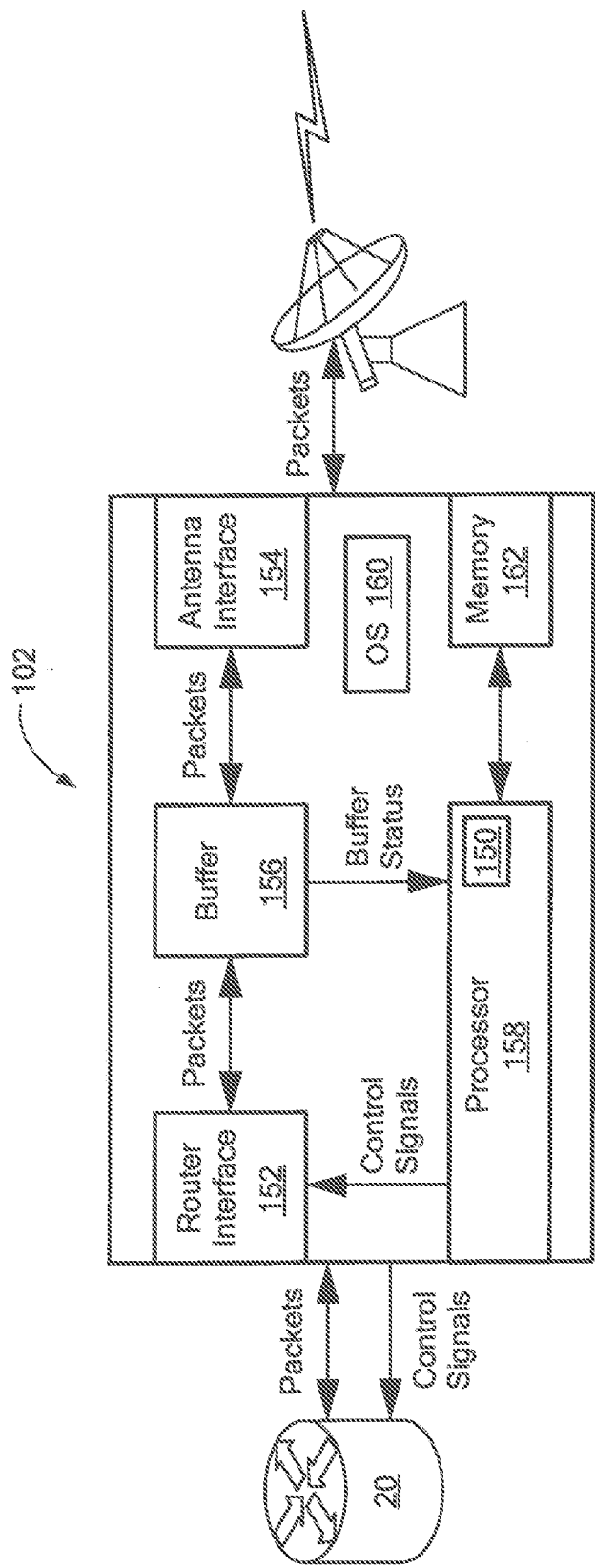


FIG. 1A

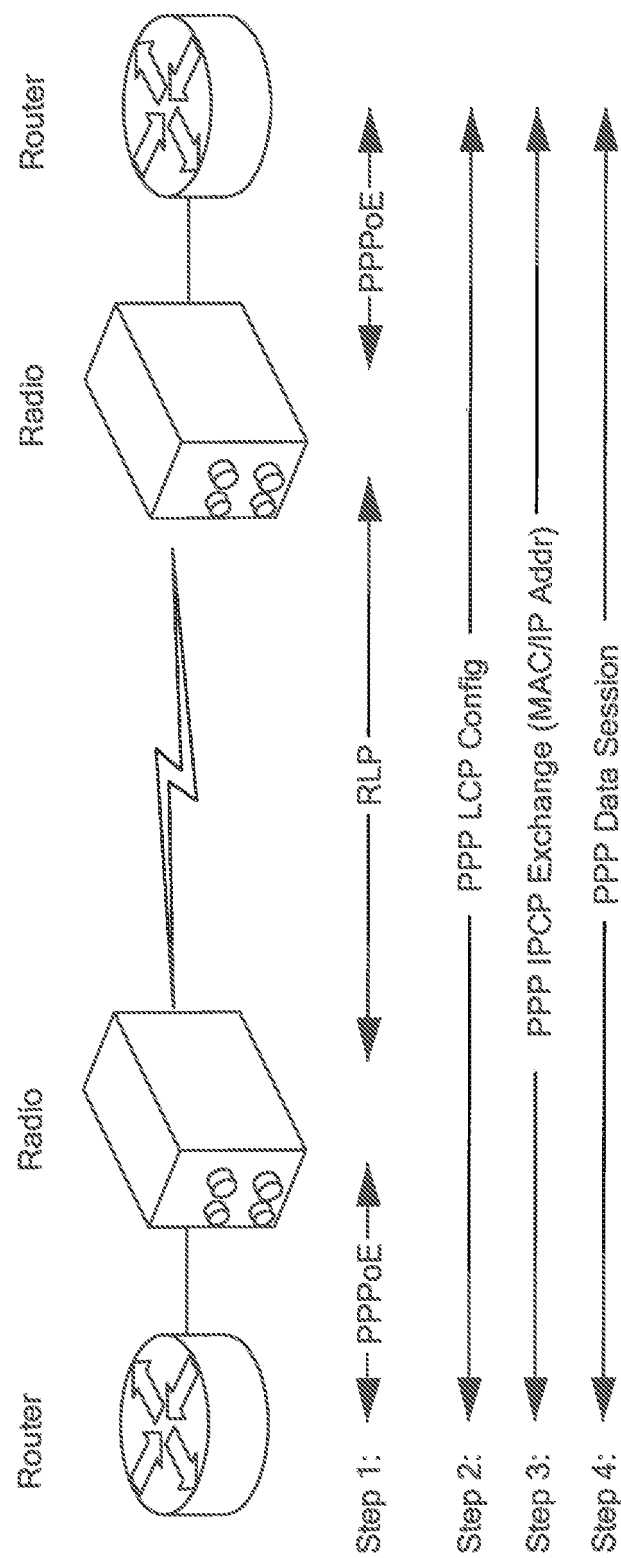


**FIG. 2**  
PRIOR ART

OSI Model

| Data unit    |                 | Layer                  | Function                                                                                                   |
|--------------|-----------------|------------------------|------------------------------------------------------------------------------------------------------------|
| Host layers  | Data            | 7. <u>Application</u>  | Network process to application                                                                             |
|              |                 | 6. <u>Presentation</u> | Data representation, encryption and decryption, convert machine dependent data to machine independent data |
|              |                 | 5. <u>Session</u>      | Interhost communication                                                                                    |
|              | Segments        | 4. <u>Transport</u>    | End-to-end connections and reliability, <u>flow control</u>                                                |
| Media layers | Packet/Datagram | 3. <u>Network</u>      | Path determination and <u>logical addressing</u>                                                           |
|              | Frame           | 2. <u>Data Link</u>    | Physical addressing                                                                                        |
|              | Bit             | 1. <u>Physical</u>     | Media, signal and binary transmission                                                                      |

FIG. 2A

PRIOR ART

5/10

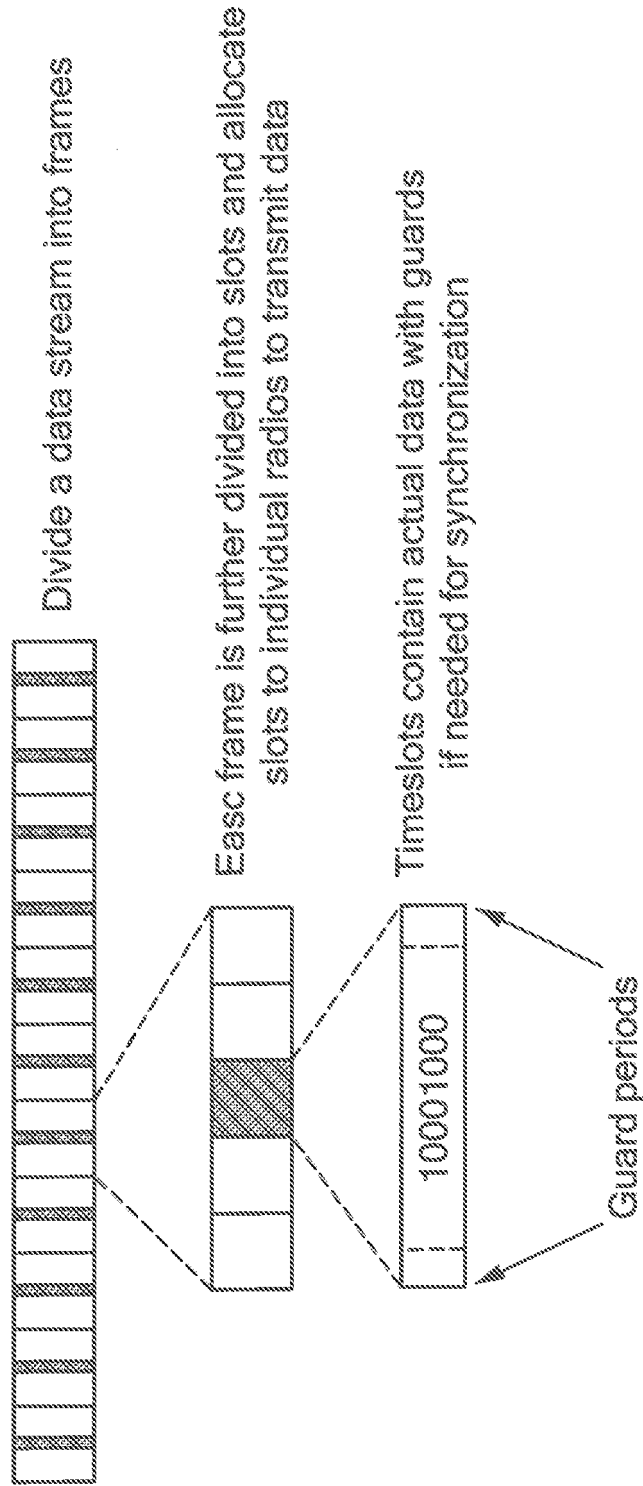


**FIG. 3**

PRIOR ART

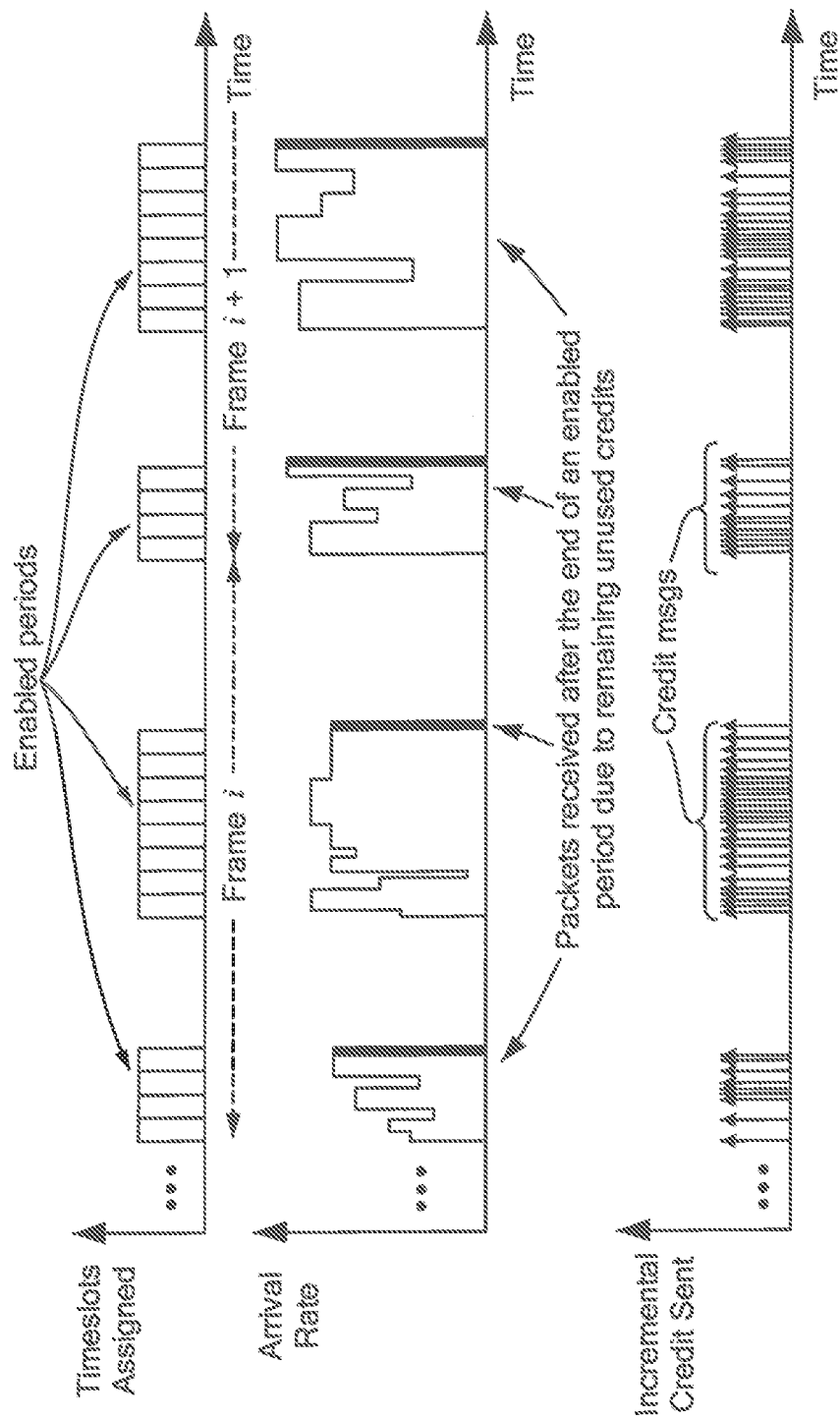


FIG. 4  
PRIOR ART

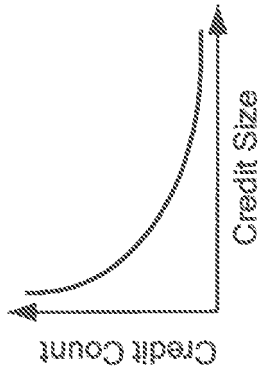


FIG. 5

7/10

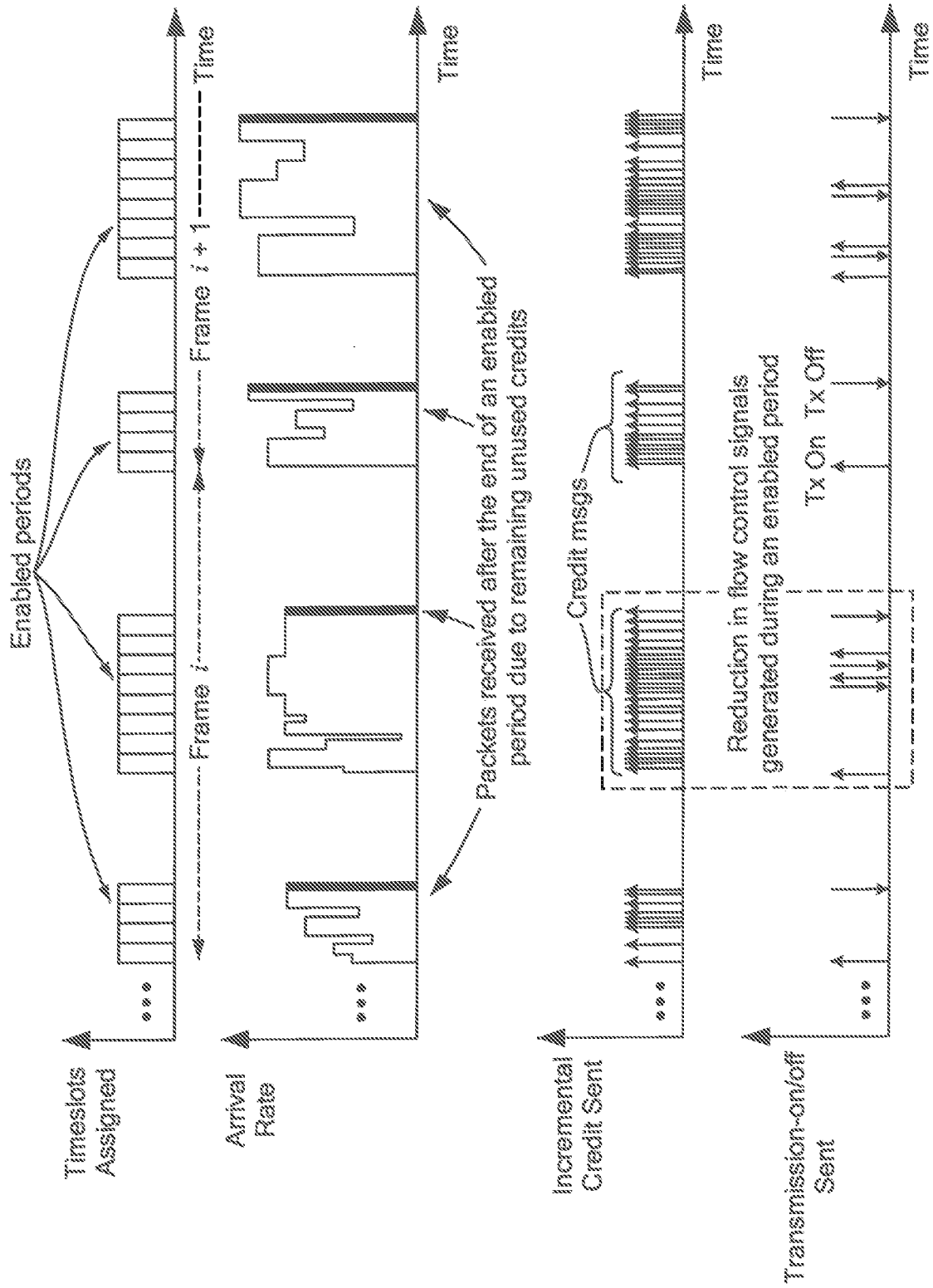
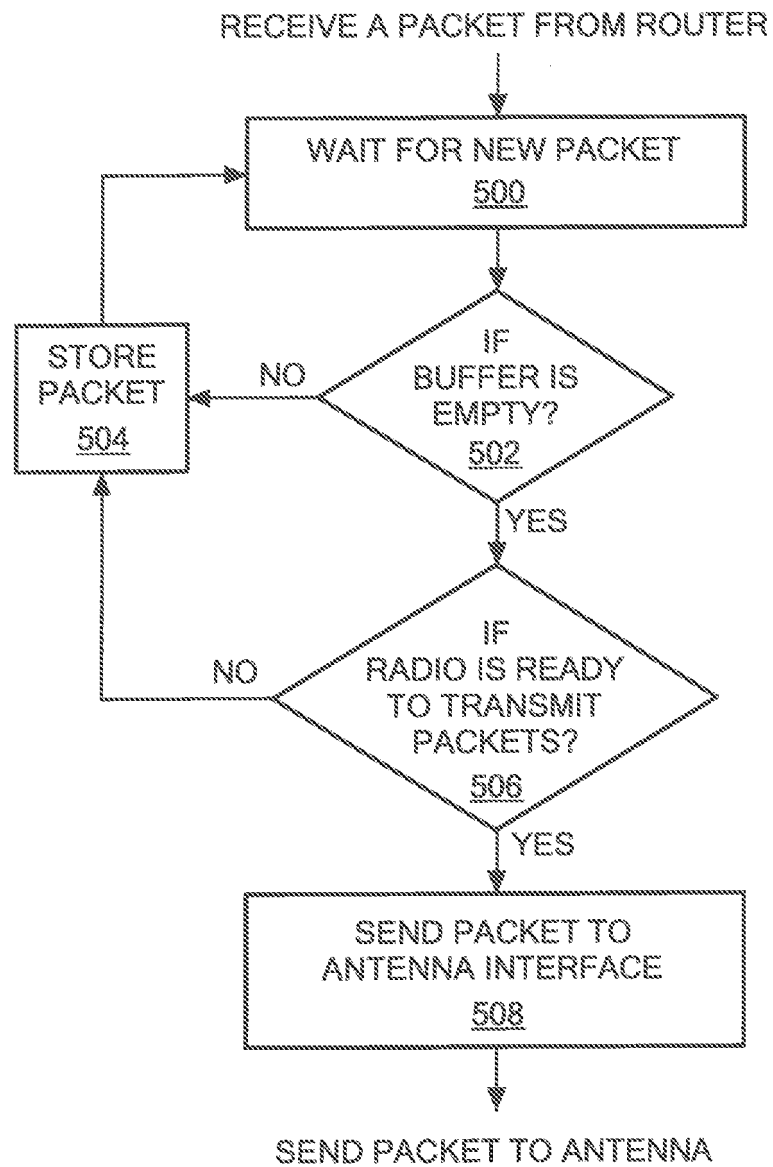
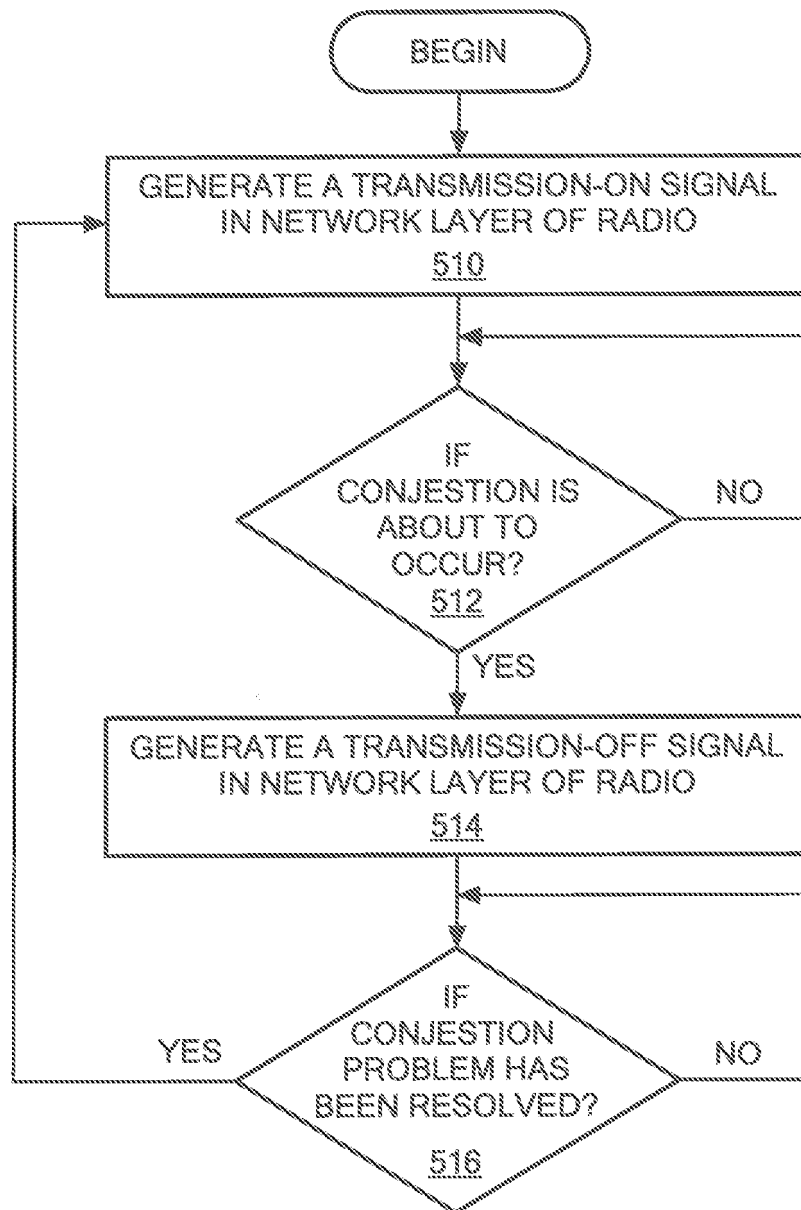


FIG. 6

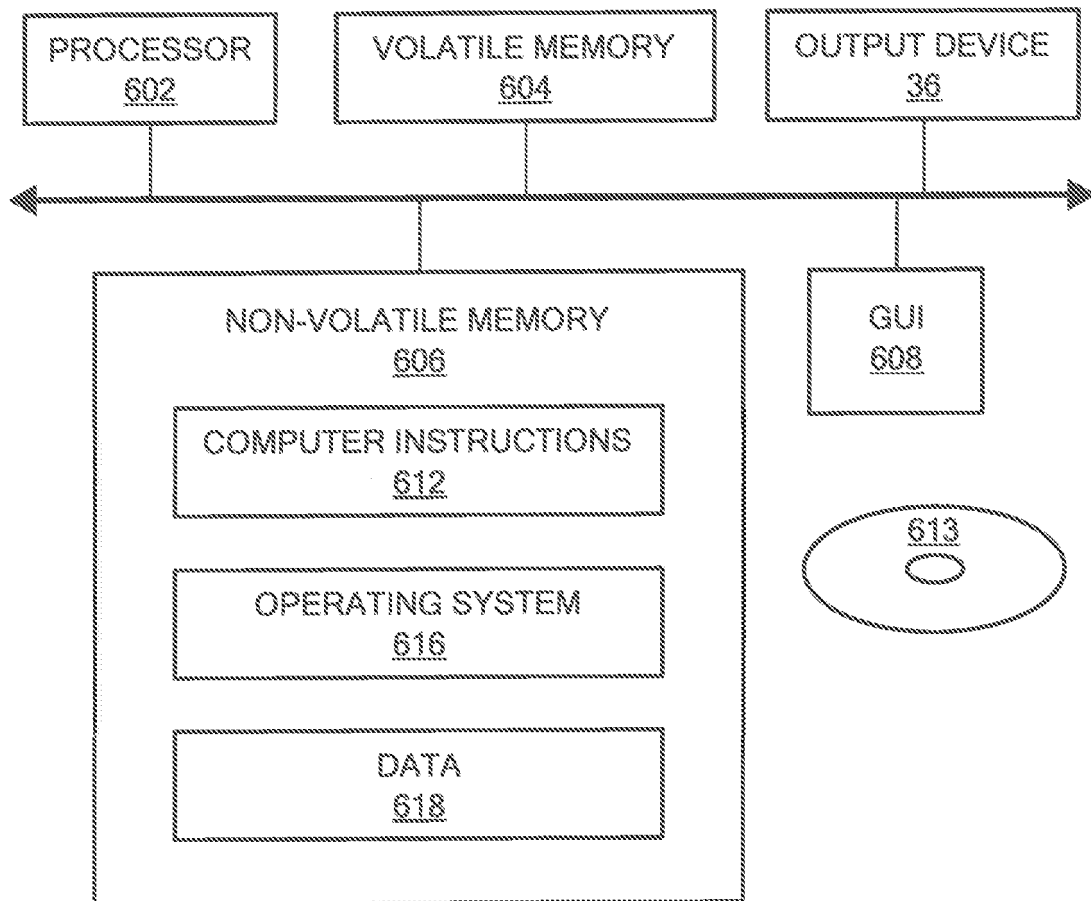
8/10

**FIG. 7**

9/10

*FIG. 7A*

10/10

**FIG. 8**