

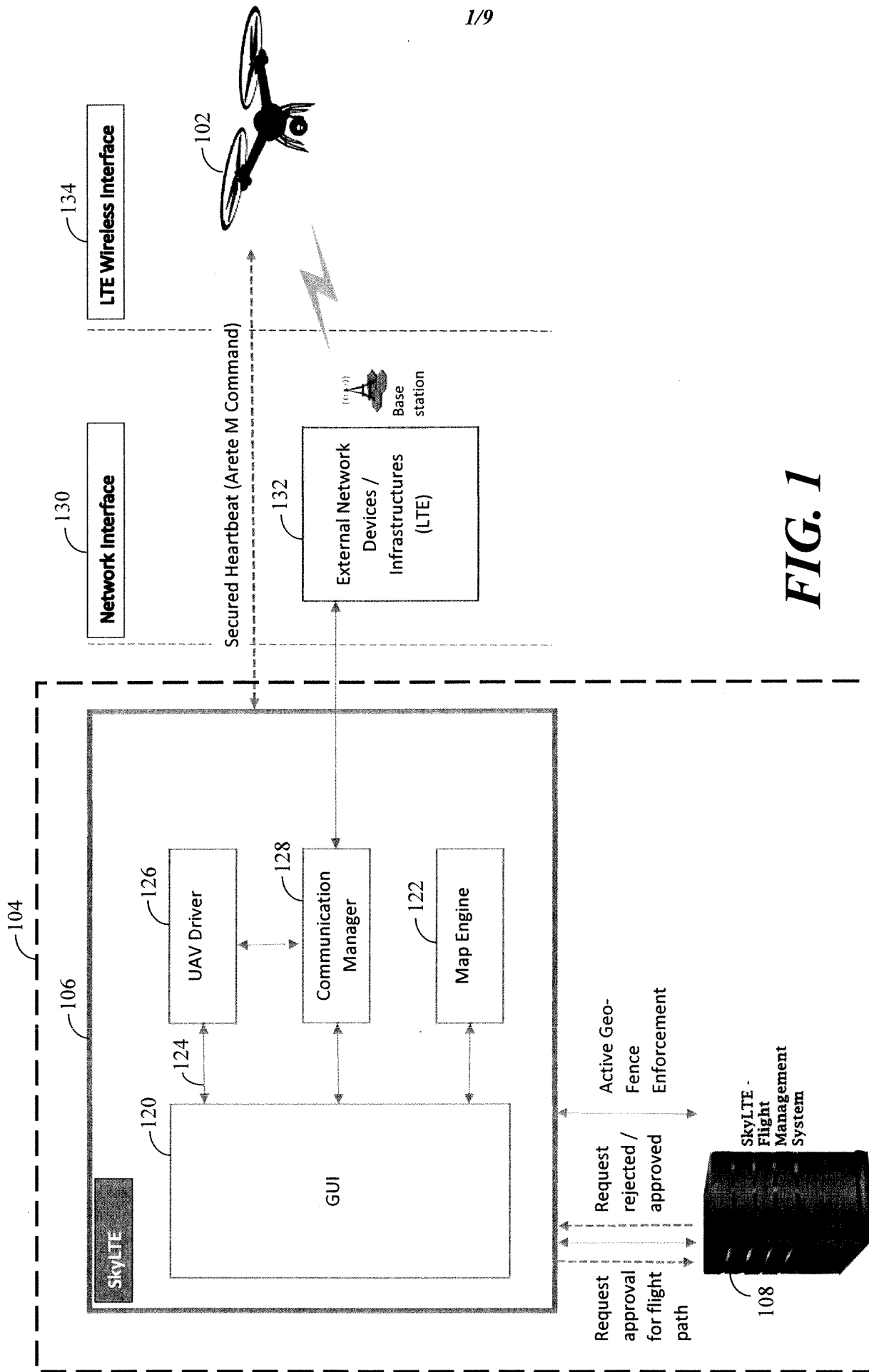


FIG. 1

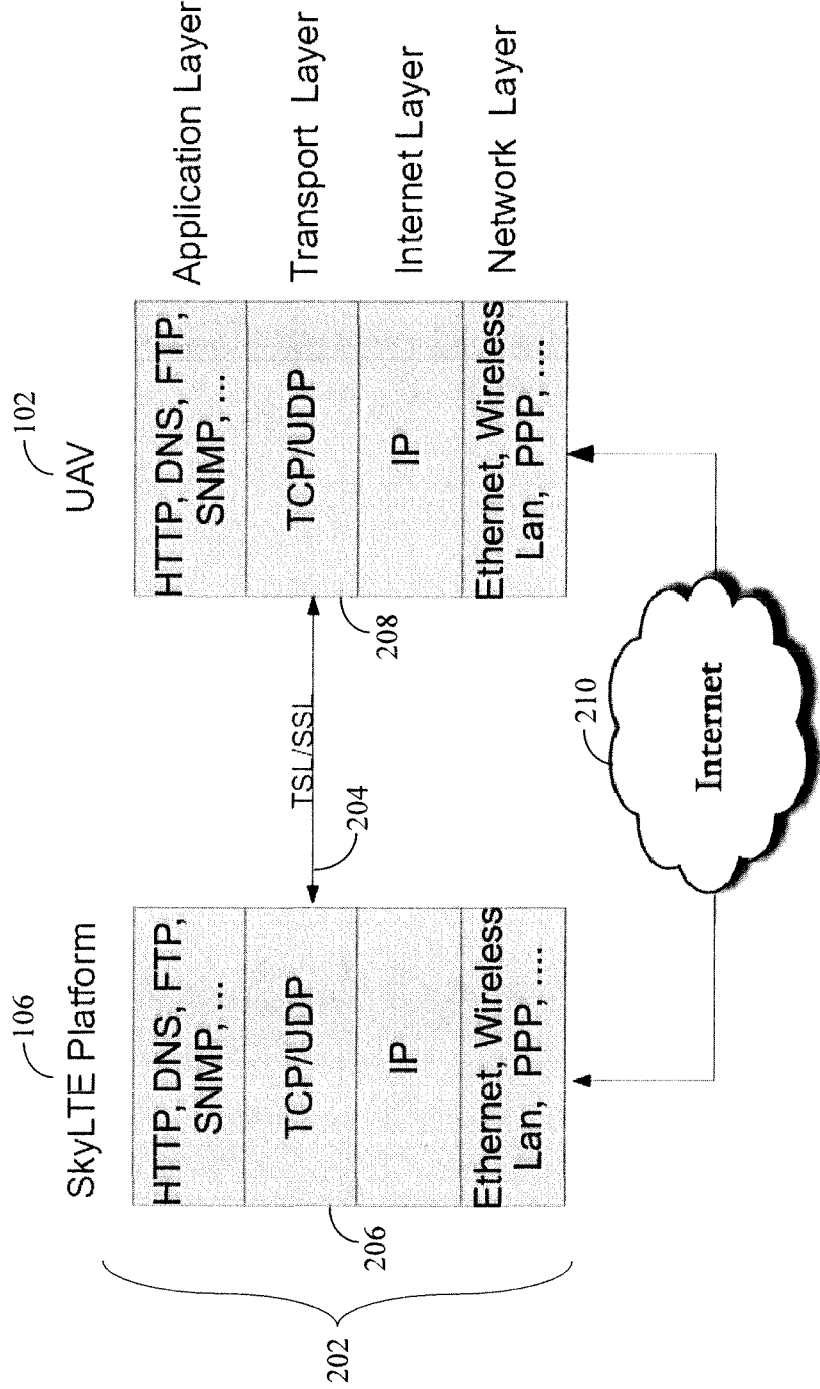
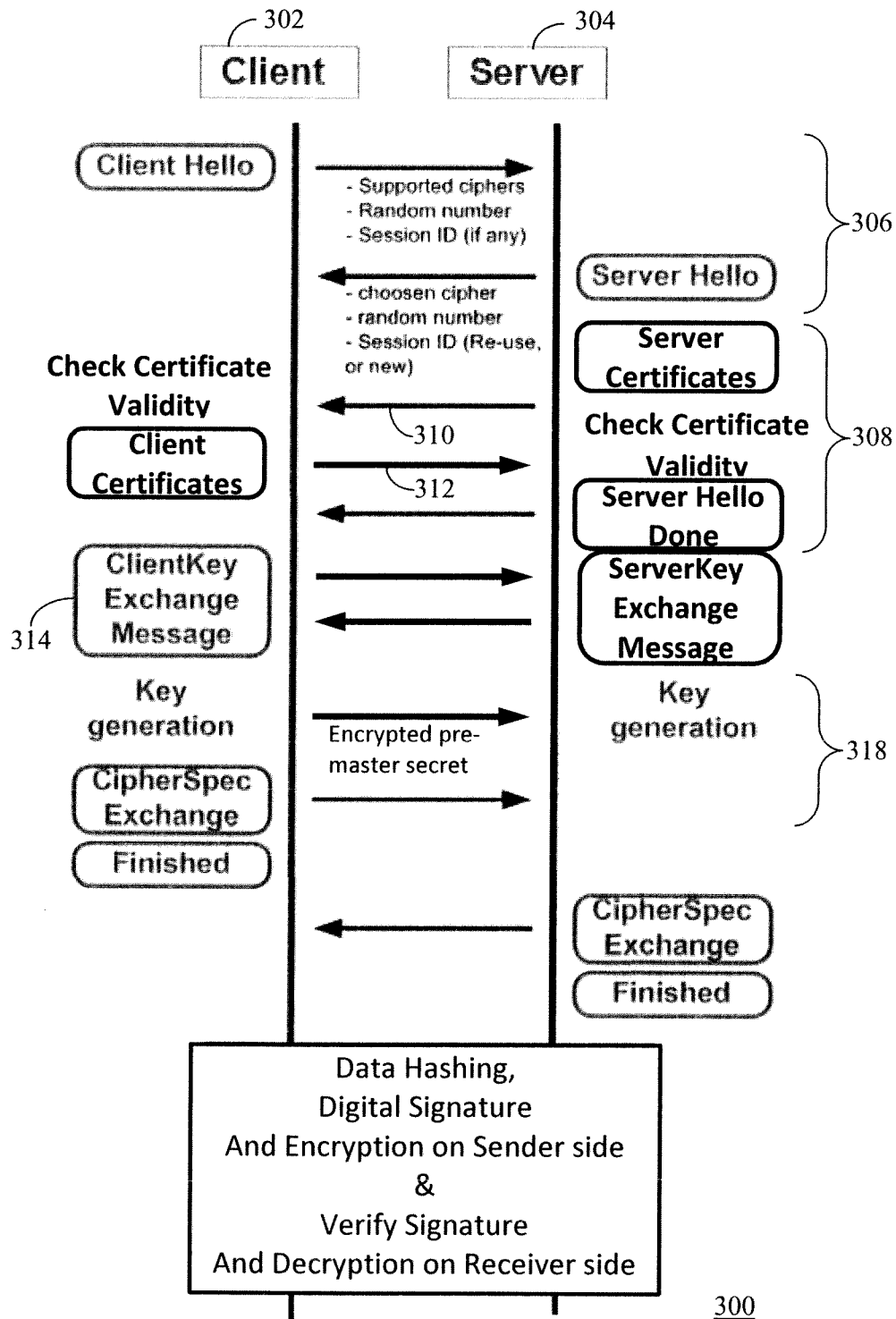


FIG. 2

**FIG. 3**

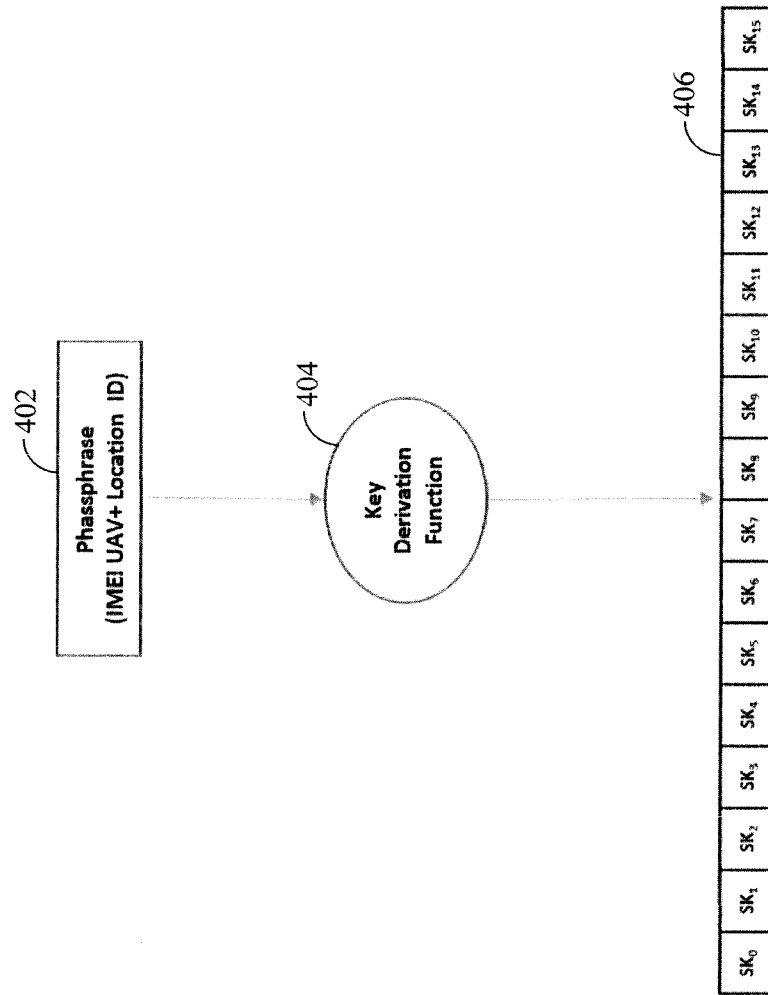


FIG. 4

400

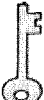
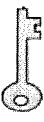
502		504	
		Sender has	Receiver has 
508	Signing 	Sender Private Key 	Sender Public Key 
510	Encryption and Decryption 	Session Key 	Session Key 
506	Session Key Transfer	Receiver Public Key 	Receiver Private Key 

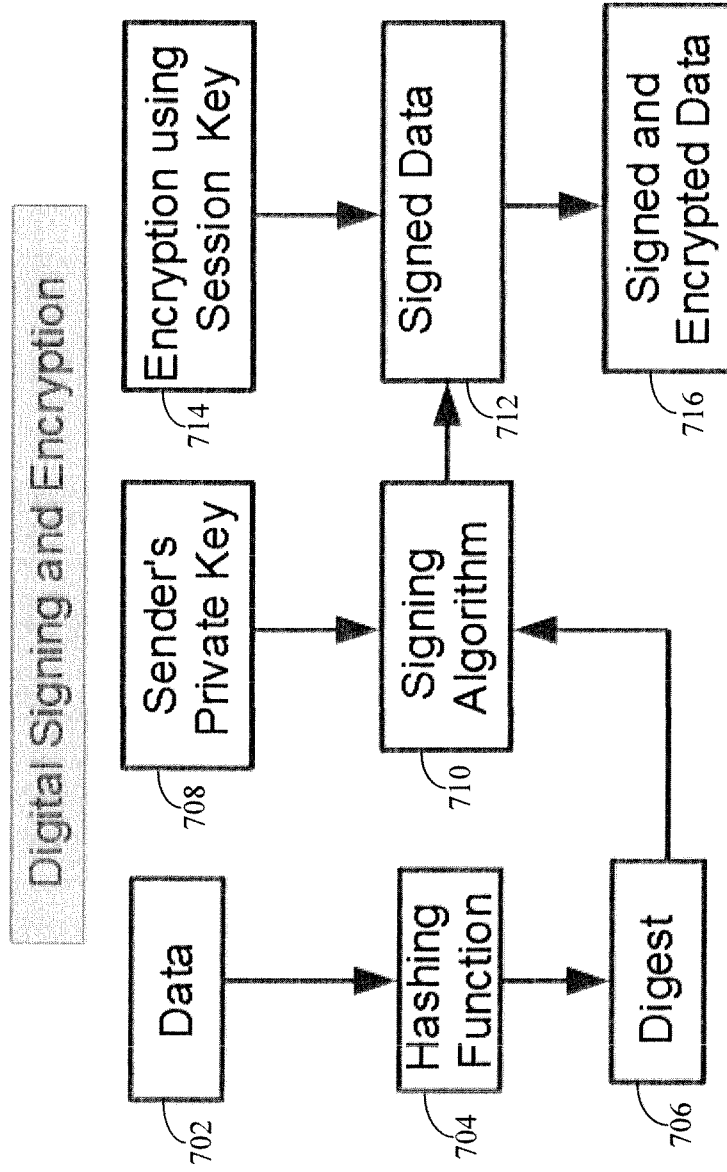
FIG. 5

500

602		604	
Sender side		Receiver side	
606	Digest message using Hash Function	608 Hash function to check the data Integrity	
610	Digitally signed the message using sender's private key	612 Uses sender's public key to verify the signature	
620	Create a session key and encrypt the message	626 Uses the session key to decrypt the message	
622	Send the signed and encrypted message to receiver		
624	Send the session key to receiver by encrypting receiver's public key		

FIG. 6

600

**FIG. 7**700

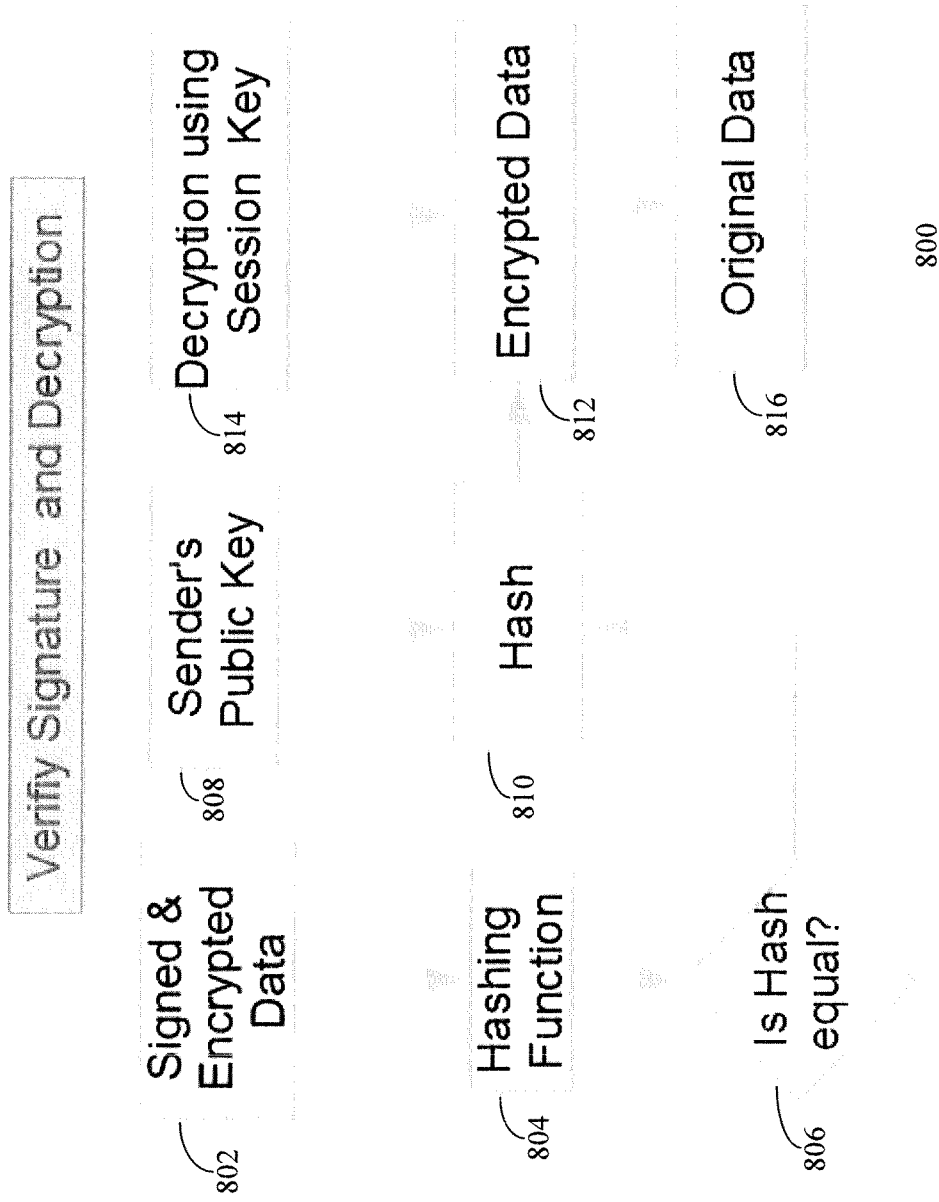


FIG. 8

800

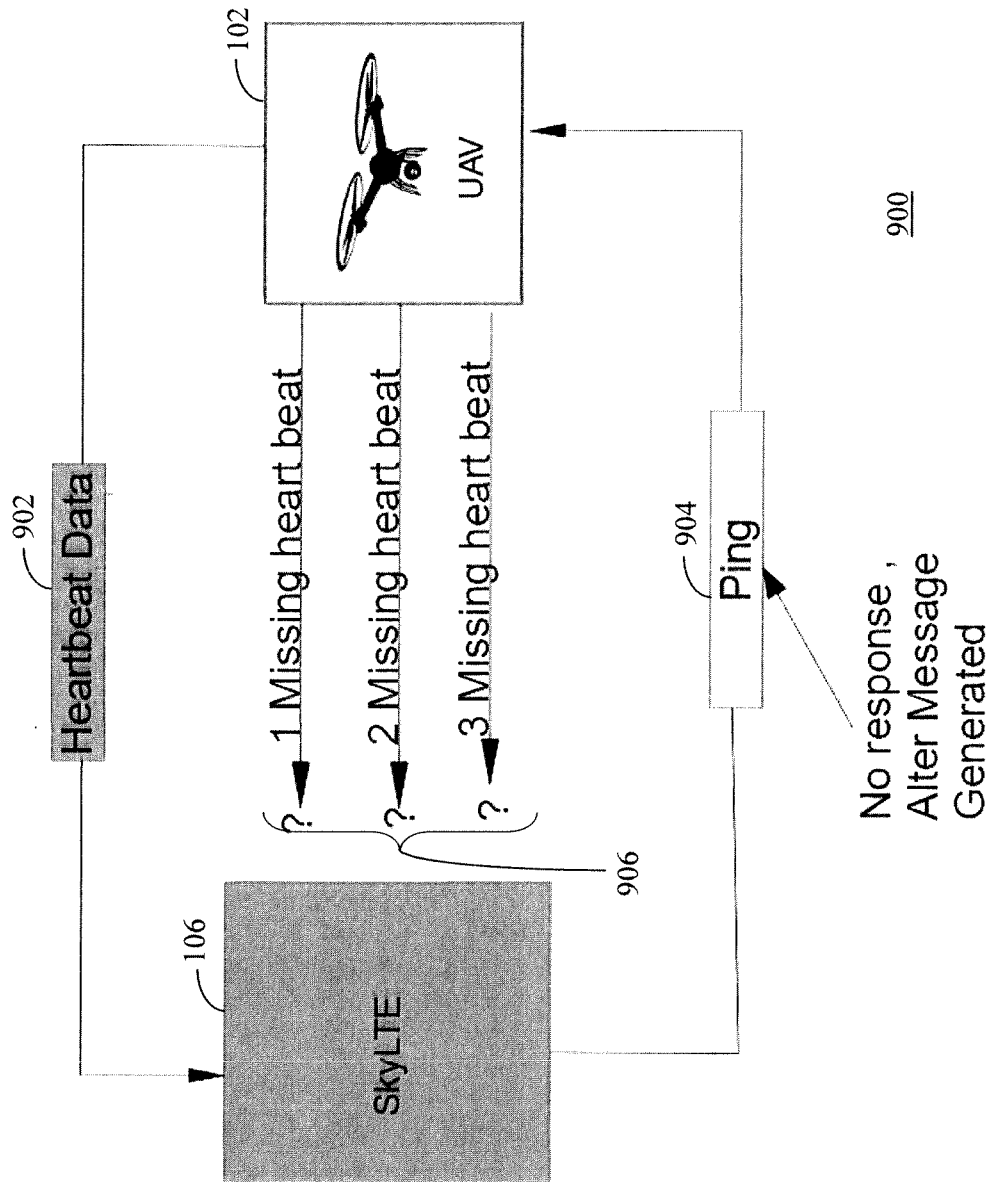


FIG. 9

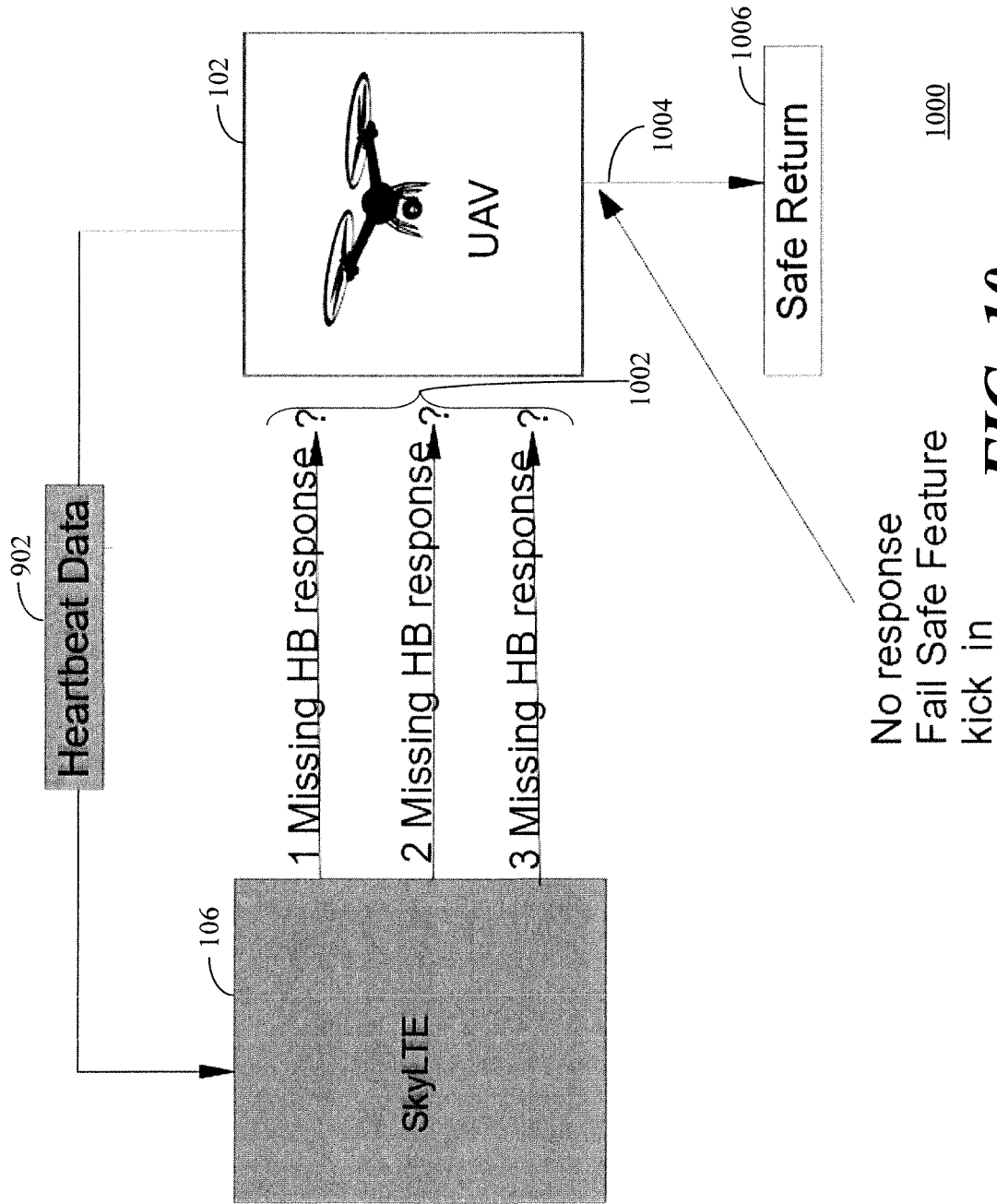


FIG. 10