

14 bytes	72 bytes	Optional	Variable length	Variable length
Ethernet Header	NLP basic header	NLP extension header	Transport layer header	Data

FIG. 1

2 bytes	2 bytes	2 bytes	2 bytes	1 byte	1 byte
Version	Service	Flow label	Packet length	Next header	Hop count
NLP source address (32 bytes)					
NLP destination address (32 bytes)					

FIG. 2

Next header (1 byte)	Type (1 byte)	Reserved (2 bytes)
Time stamp (4 bytes)		
Temporary public key (32 bytes)		
Digital signature (64 bytes)		

FIG. 3

Next header (1 byte)	Type (1 byte)	Encrypted data length (2 bytes)
Serial number (Time stamp 4 bytes)		

FIG. 4

Hardware type (2 bytes)	Protocol (2 bytes)	Hardware address size (2 bytes)	Address size (2 bytes)	Request type (2 bytes)
Source MAC address (6 bytes)				
NLP source address (32 bytes)				
Destination MAC address (6 bytes)				
NLP destination address (32 bytes)				
Time stamp+Signature (4+64 bytes)				

FIG. 5

14 bytes	72 bytes	104 bytes
Ethernet Header	NLP basic header	NLPKey extension header

FIG. 6

14 bytes	72 bytes	8 bytes	Variable length
Ethernet Header	NLP basic header	NLPsec extension header	Encrypted data

FIG. 7

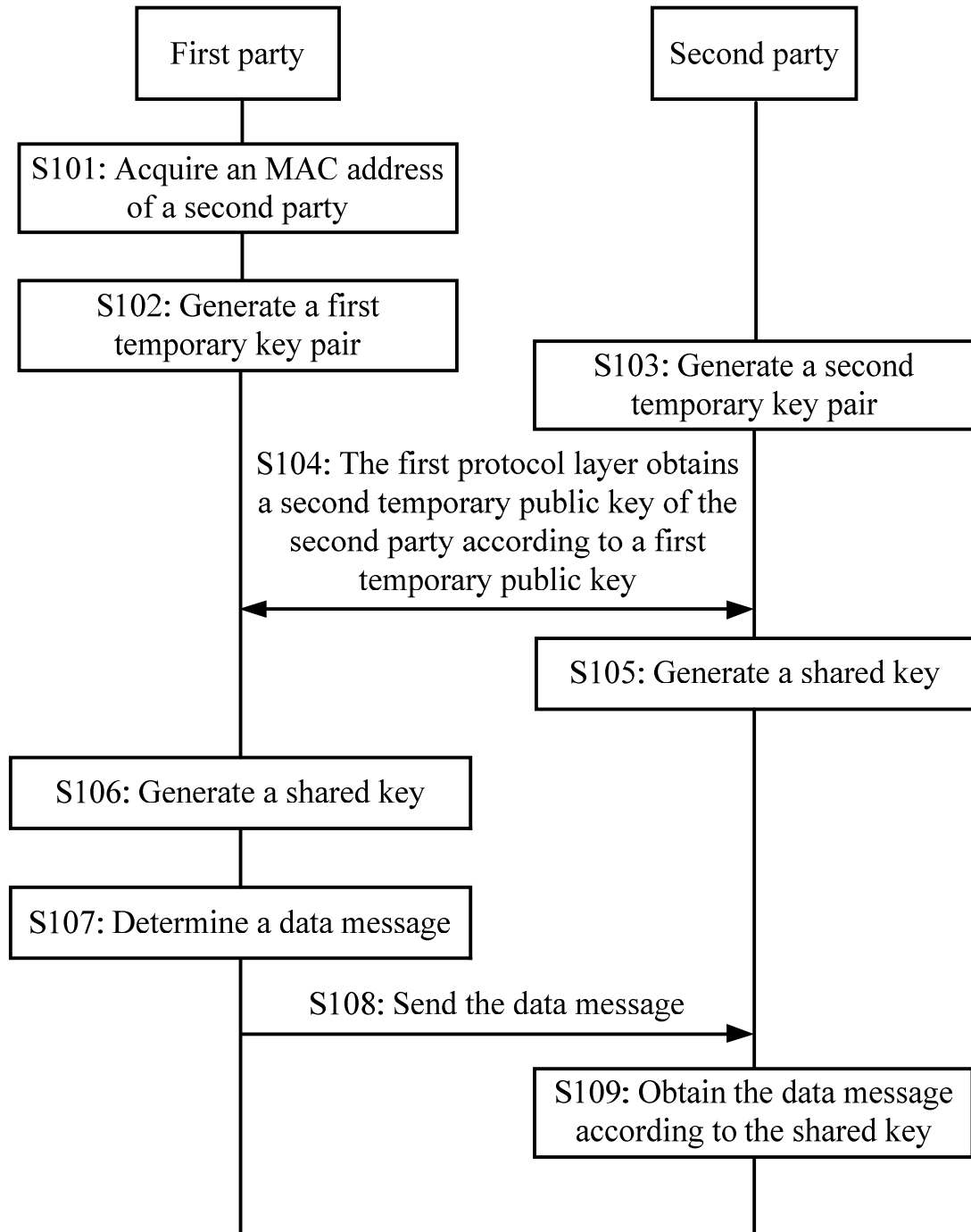


FIG. 8A

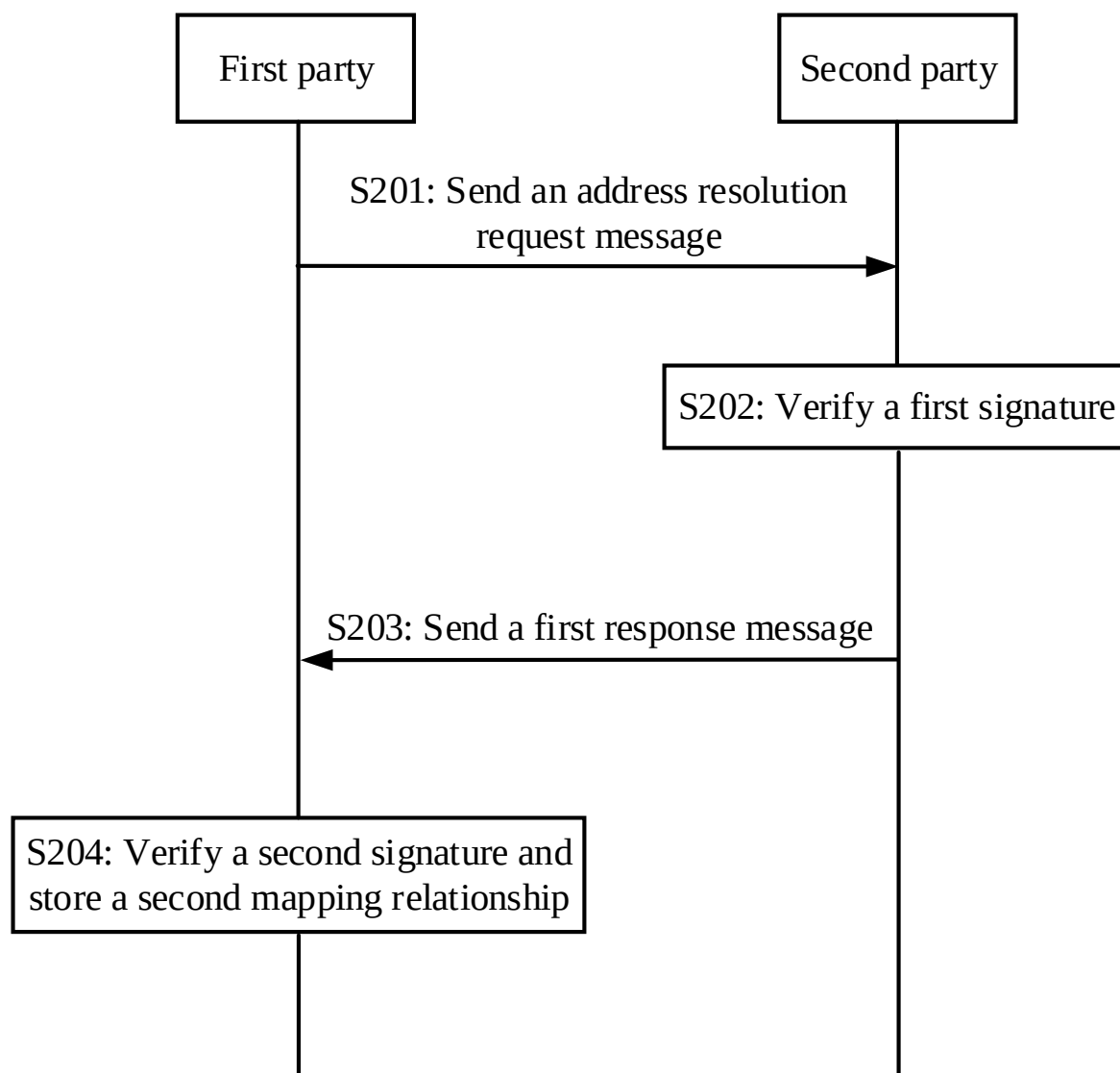


FIG. 8B

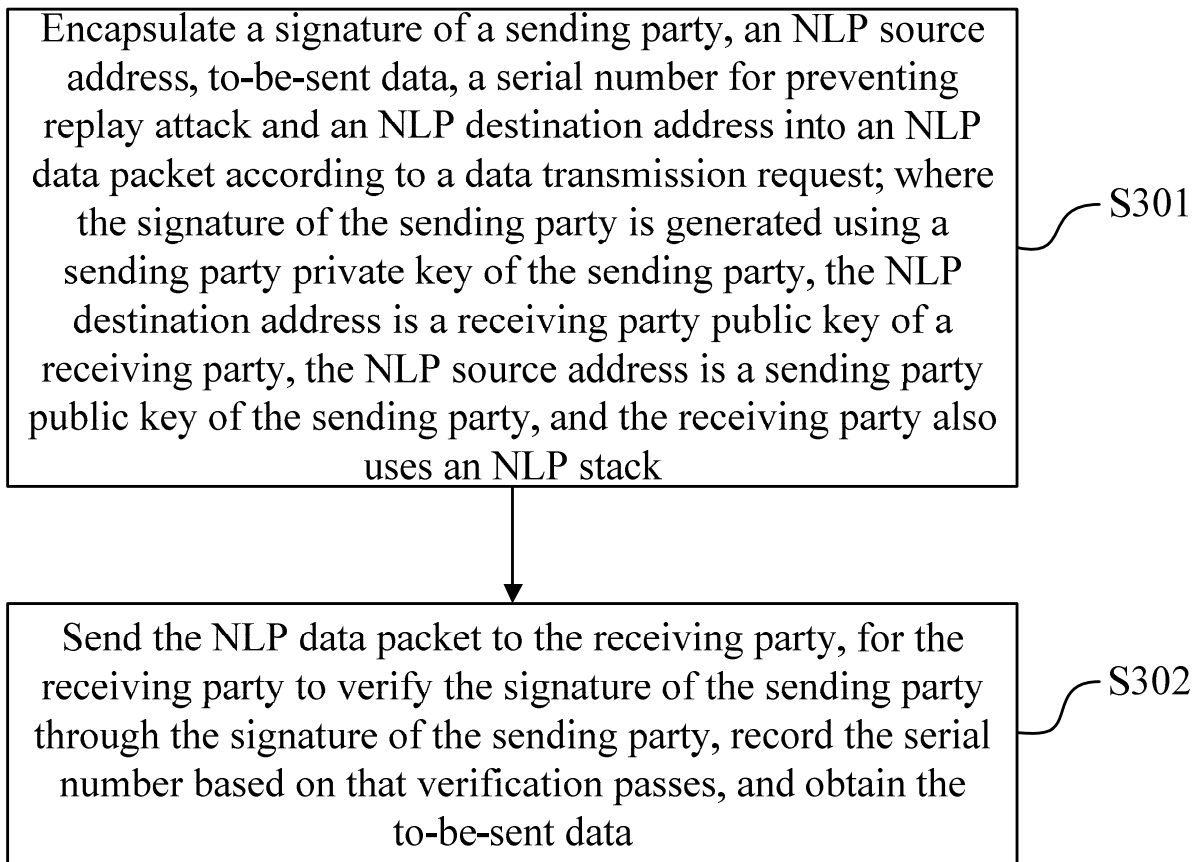


FIG. 8C

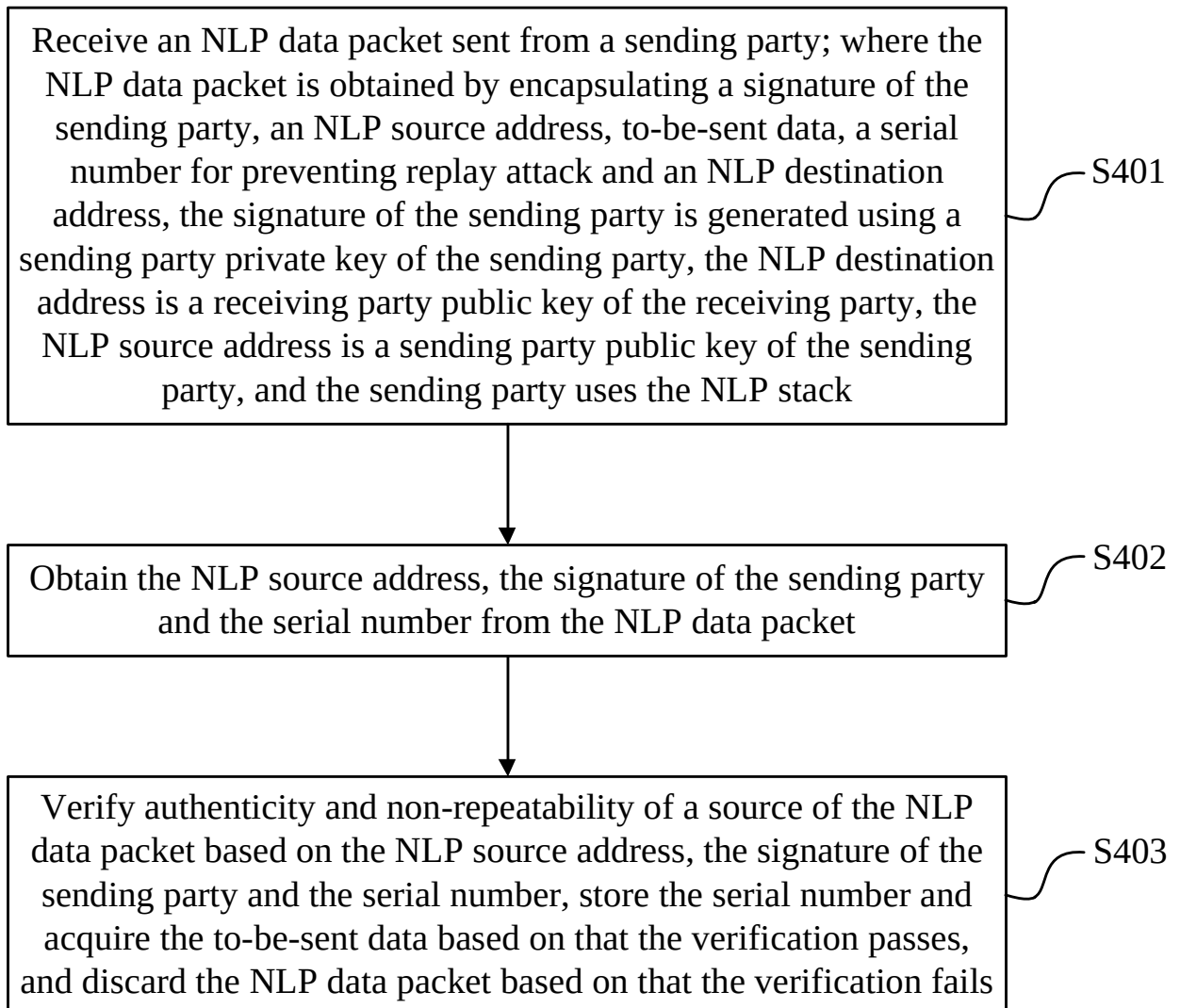


FIG. 8D

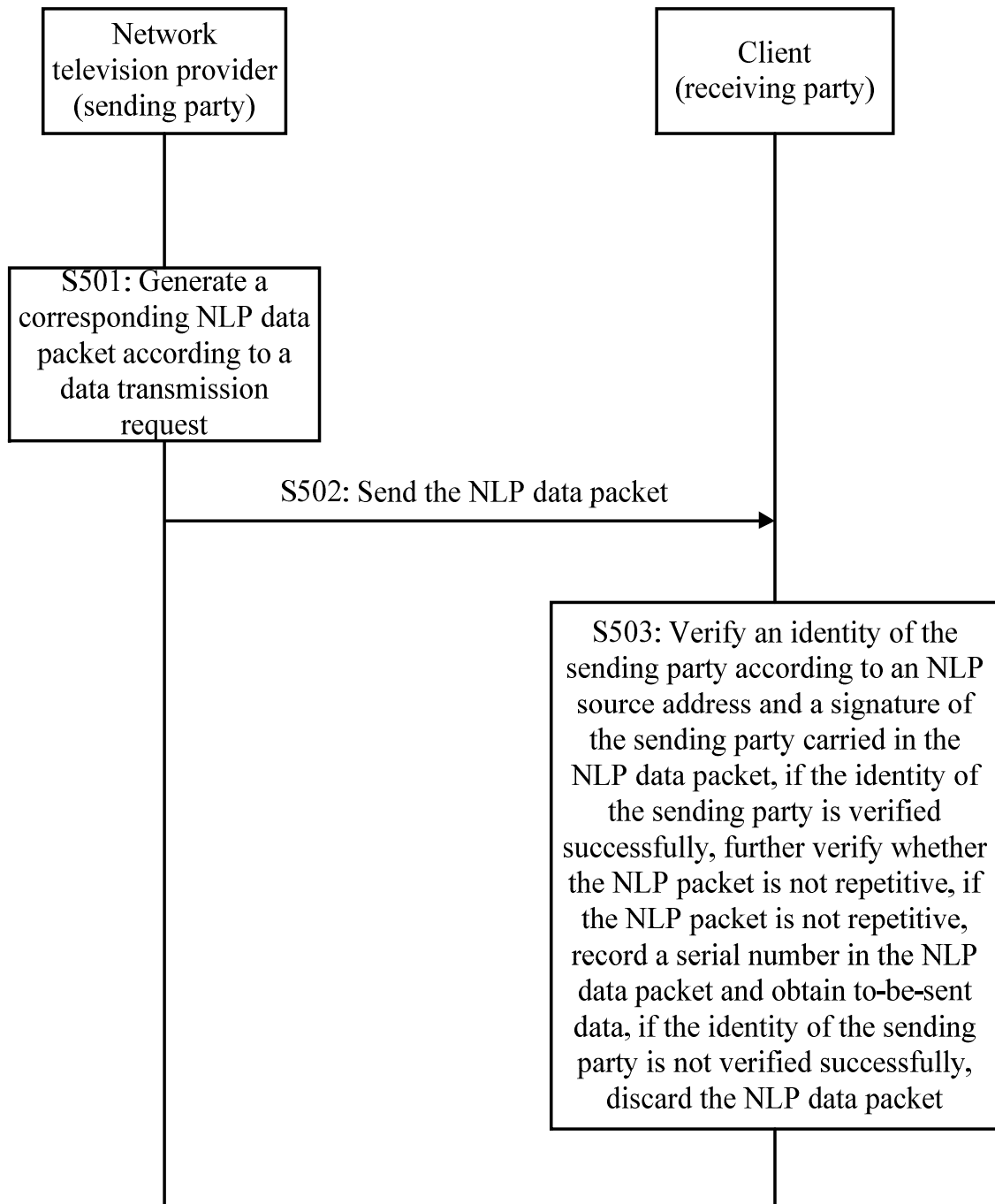


FIG. 8E

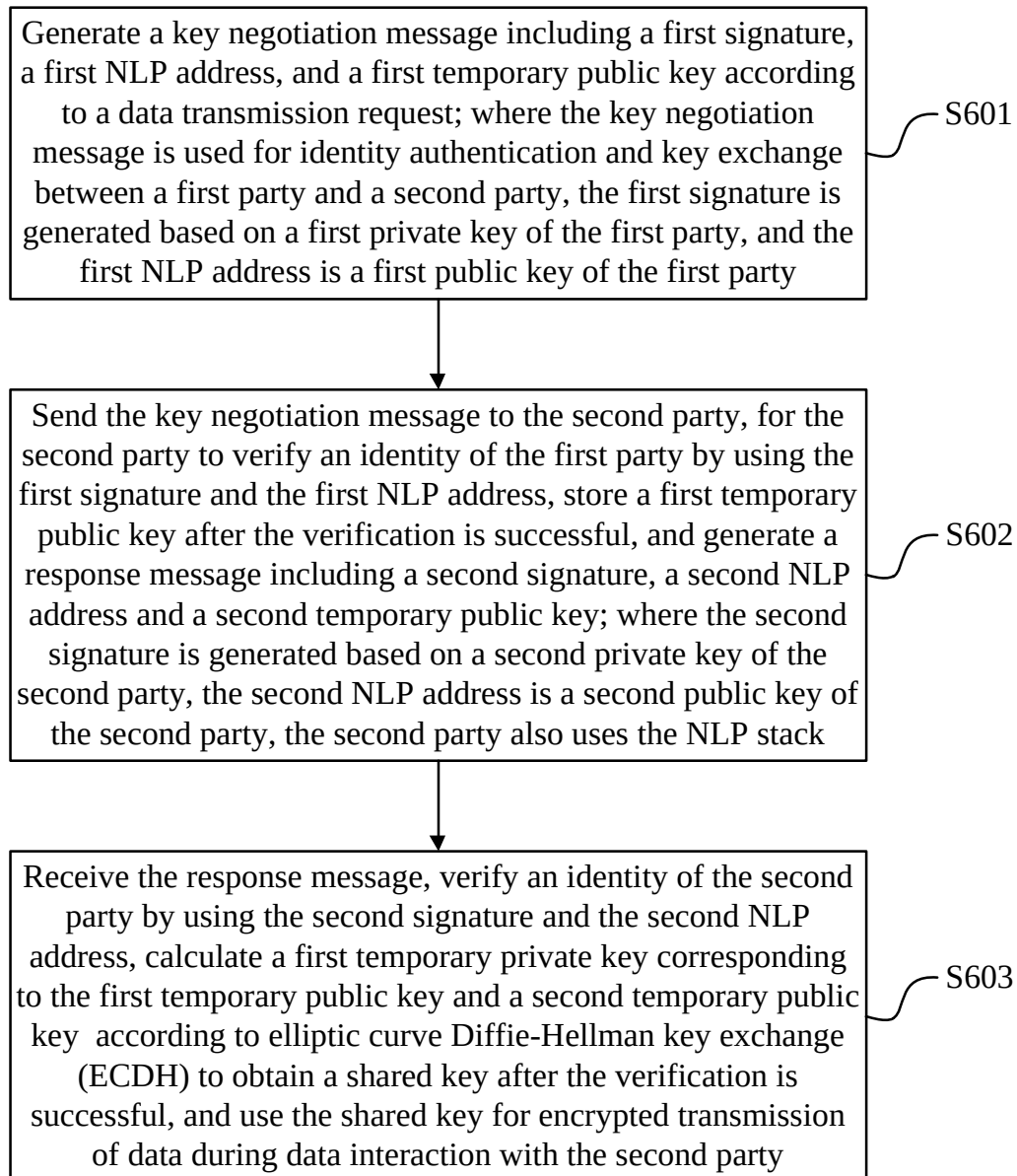


FIG. 8F

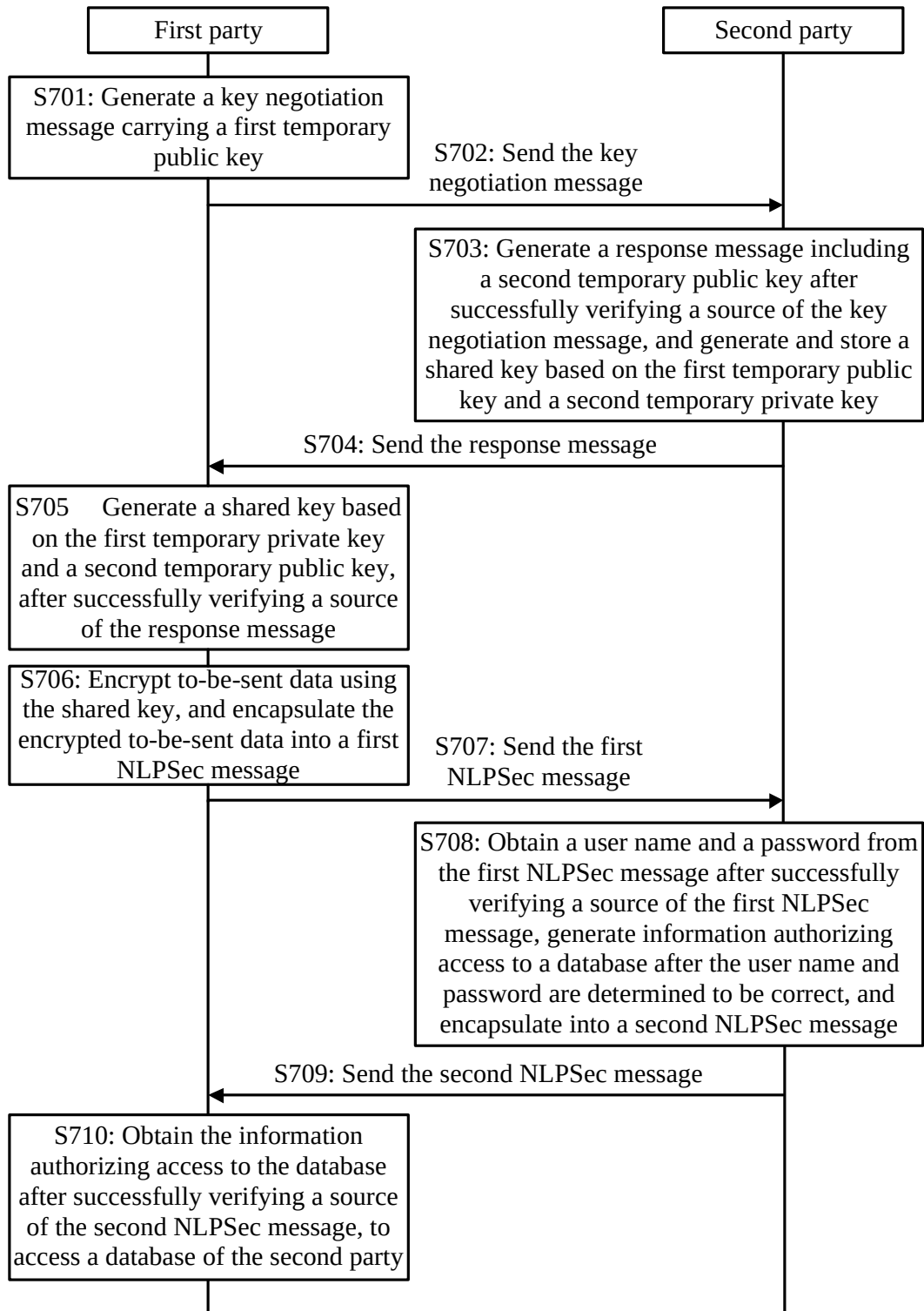


FIG. 8G

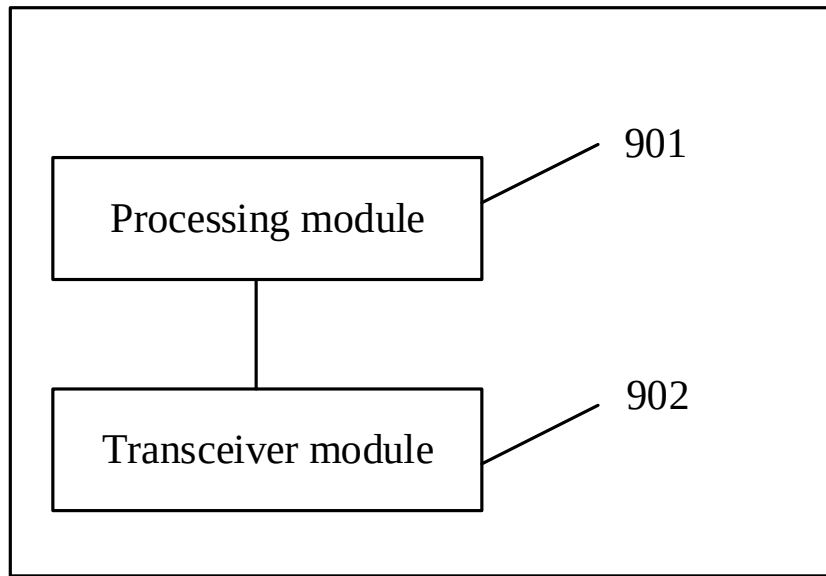


FIG. 9A

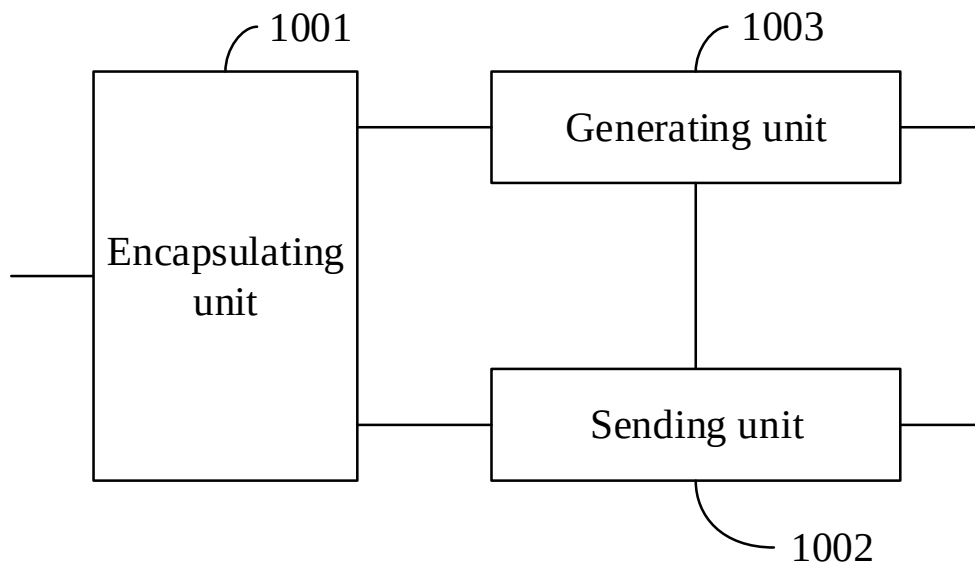


FIG. 9B

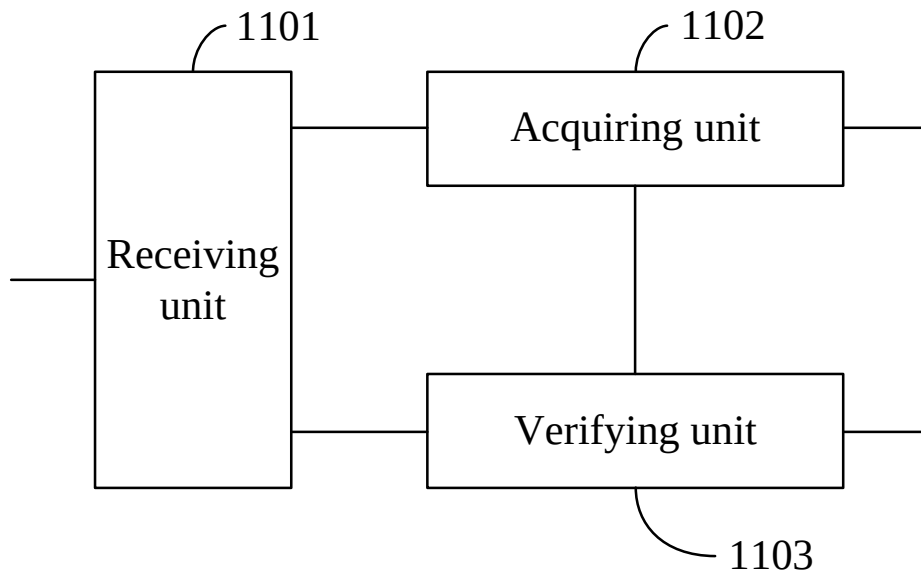


FIG. 9C

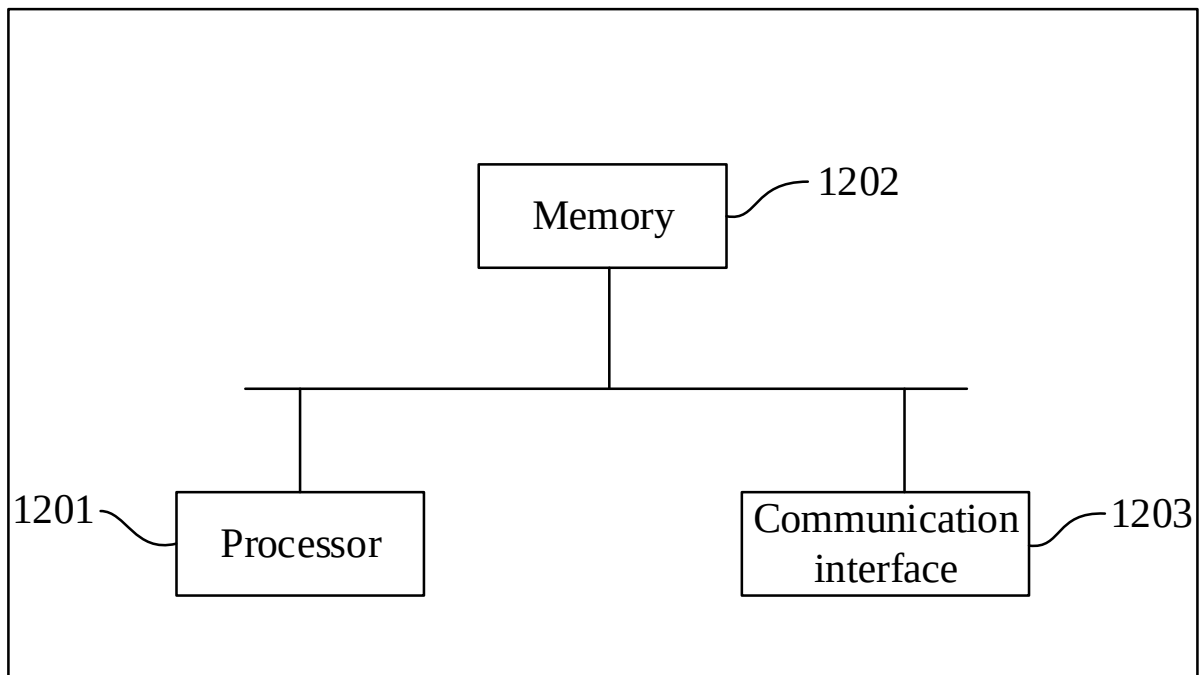


FIG. 10

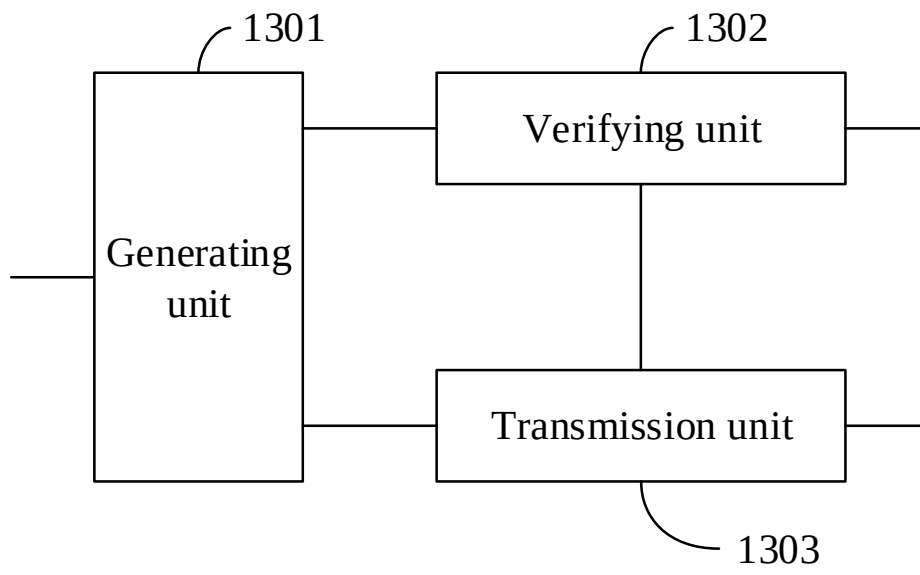


FIG. 11