

```

SidelinkUEInformationNR-r16-IEs ::= {
    ... sl-RxInterestedFreqList-r16 ... SL-InterestedFreqList-r16 ...
OPTIONAL,
    ... sl-TxResourceReqList-r16 ... SL-TxResourceReqList-r16 ...
OPTIONAL,
    ... sl-FailureList-r16 ... SL-FailureList-r16 ...
OPTIONAL,
    ... lateNonCriticalExtension ... OCTET STRING ...
OPTIONAL,
    ... nonCriticalExtension ... SEQUENCE {
OPTIONAL
}

SL-TxResourceReqList-r16 ::= SEQUENCE (SIZE (1..maxNrofSL-Dest-r16)) OF SL-
TxResourceReq-r16
SL-TxResourceReq-r16 ::= SEQUENCE {
    ... sl-DestinationIdentity-r16 ... SL-DestinationIdentity-r16,
    ... sl-CastType-r16 ... ENUMERATED {broadcast, groupcast, unicast,
spare1},
    ... sl-RLC-ModeIndicationList-r16 ... SEQUENCE (SIZE (1..maxNrofSLRB-r16)) OF
SL-RLC-ModeIndication-r16 ... OPTIONAL,
    ... sl-QoS-InfoList-r16 ... SEQUENCE (SIZE (1..maxNrofSL-QFIsPerDest-
r16)) OF SL-QoS-Info-r16 ... OPTIONAL,
    ... sl-TypeTxSyncList-r16 ... SEQUENCE (SIZE (1..maxNrofFreqSL-r16)) OF
SL-TypeTxSync-r16 ... OPTIONAL,
    ... sl-TxInterestedFreqList-r16 ... SL-TxInterestedFreqList-r16 ...
OPTIONAL,
    ... sl-CapabilityInformationSidelink-r16 ... OCTET STRING ...
OPTIONAL
}

```

FIG. 1

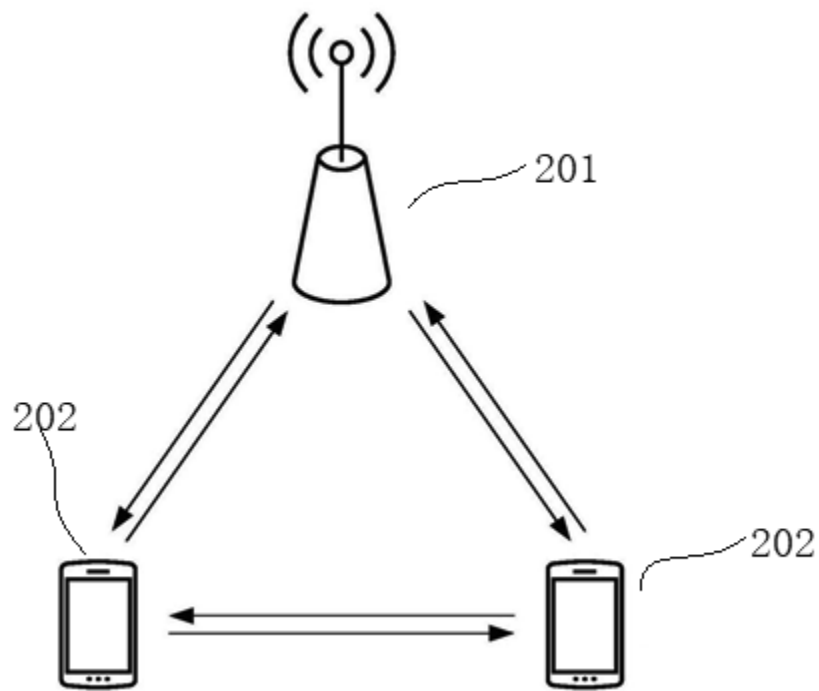


FIG. 2

sending a sidelink (SL) resource request information list and an assistance information list to a network side device; in which the resource request information list includes a resource request of a second terminal device, and the resource request of the second terminal device includes a destination address of the second terminal device; the assistance information list includes assistance information, and the assistance information determines a terminal device identifier corresponding to the assistance information by means of an index identifier; in which the terminal device identifier corresponding to the assistance information is a destination address in a resource request at a position of the index identifier in the resource request information list

301

FIG. 3

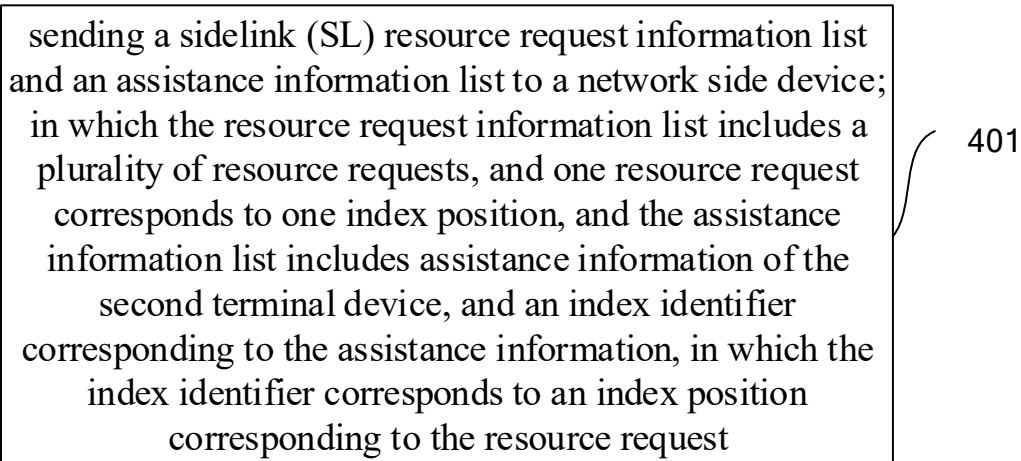


FIG. 4

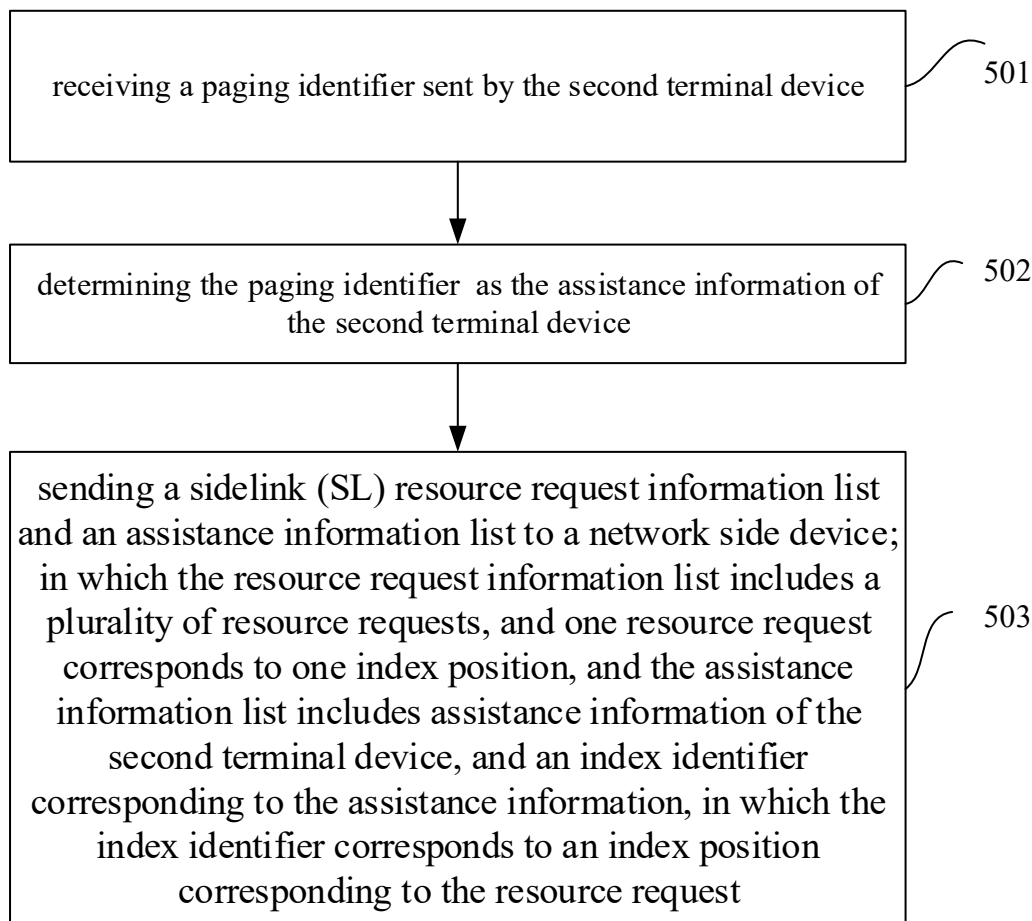


FIG. 5

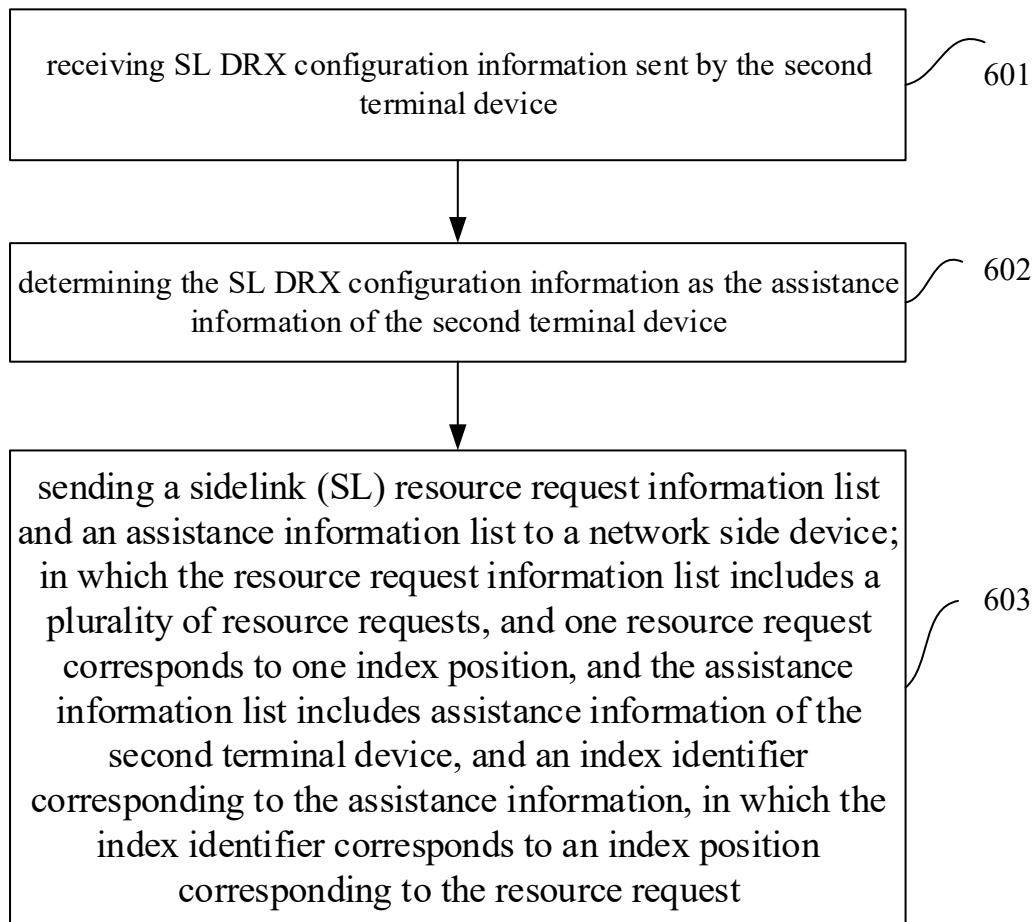


FIG. 6

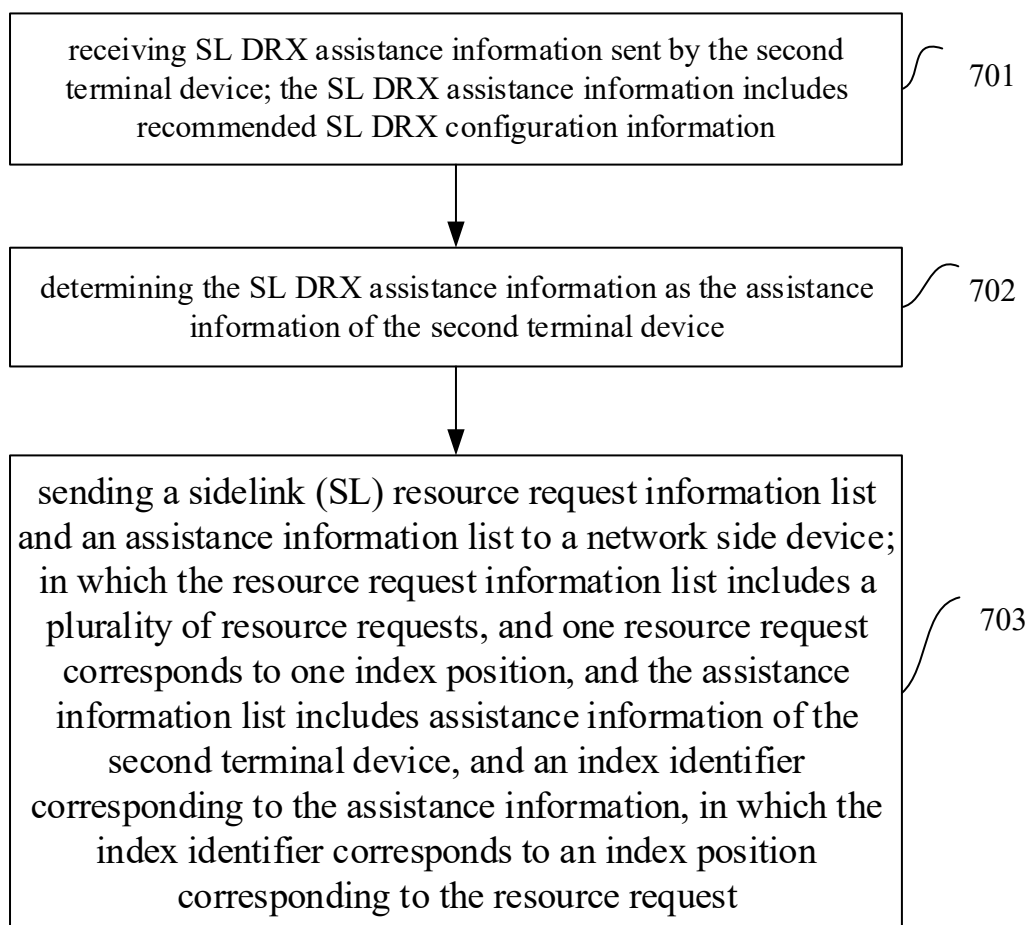


FIG. 7

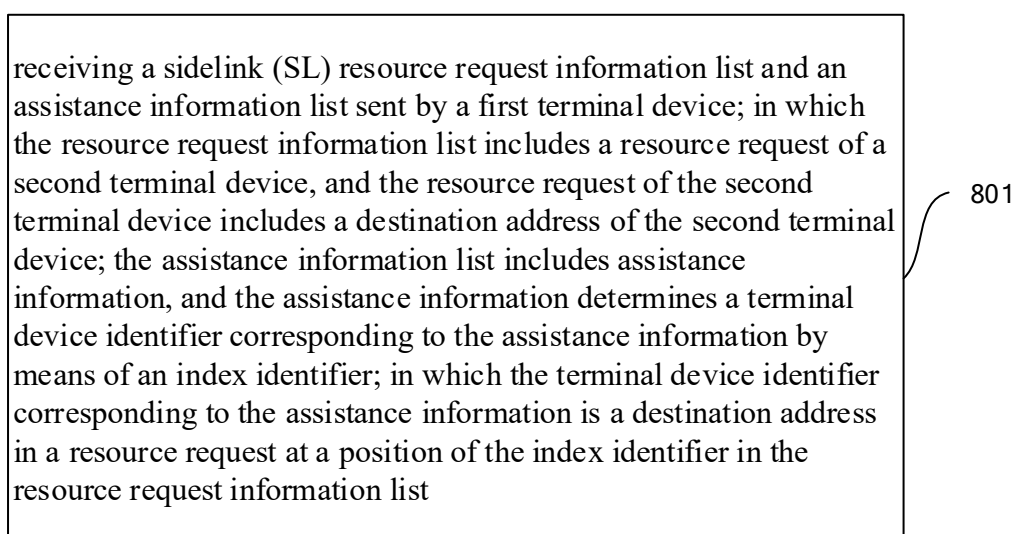


FIG. 8

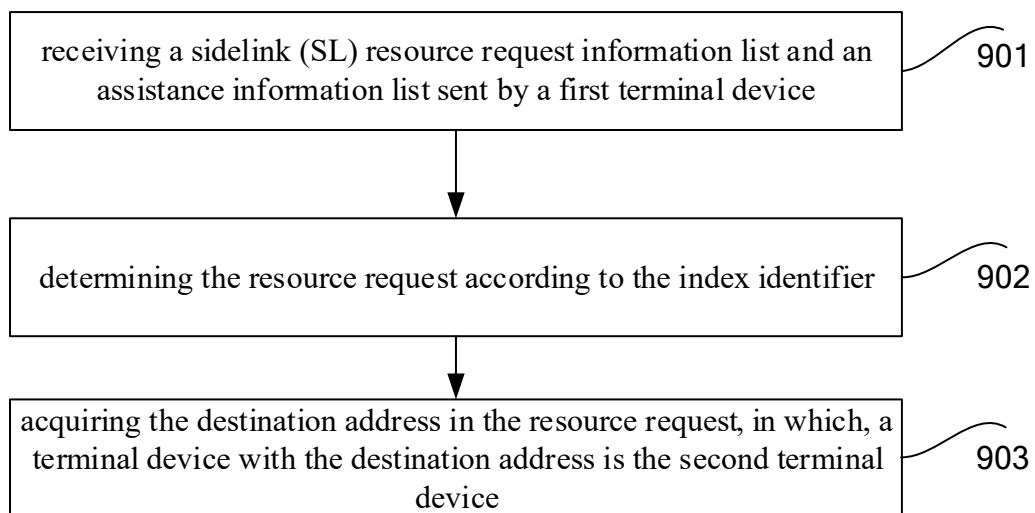


FIG. 9

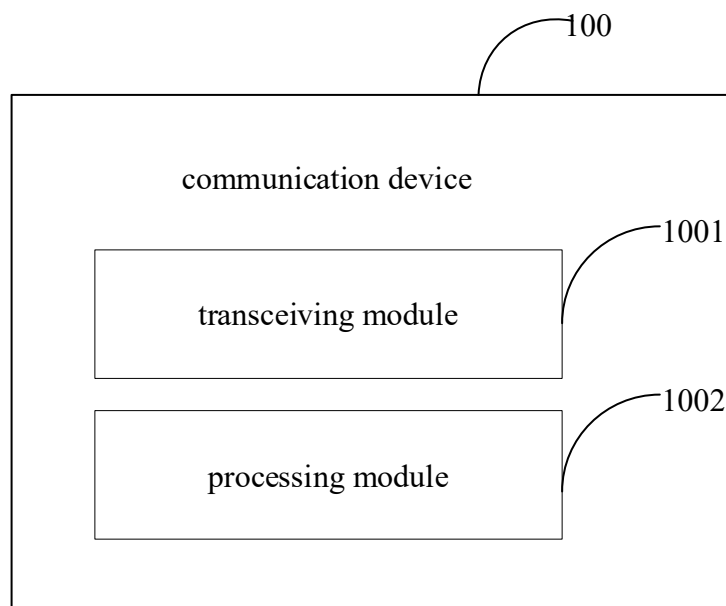


FIG. 10

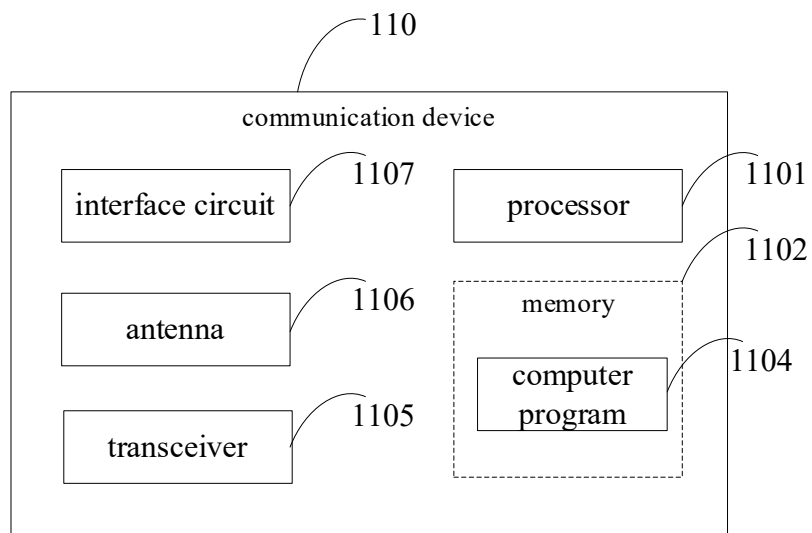


FIG. 11