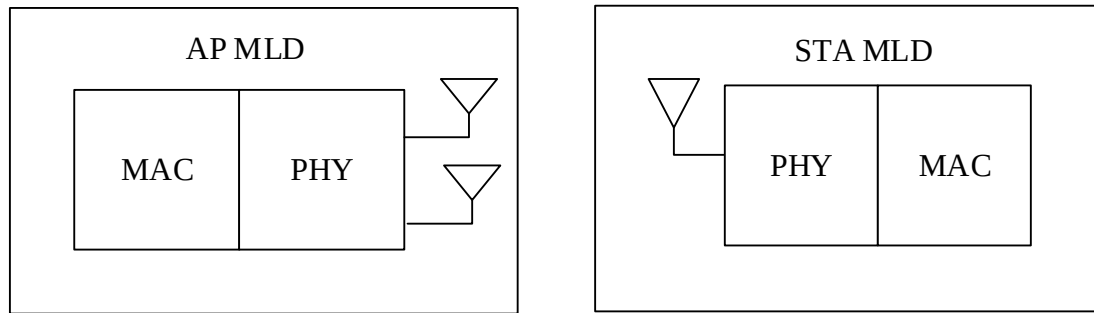




AP MLD: Access point multi-link device
STA MLD: Station multi-link device
MAC: Media access control
PHY: Physical layer

FIG. 1

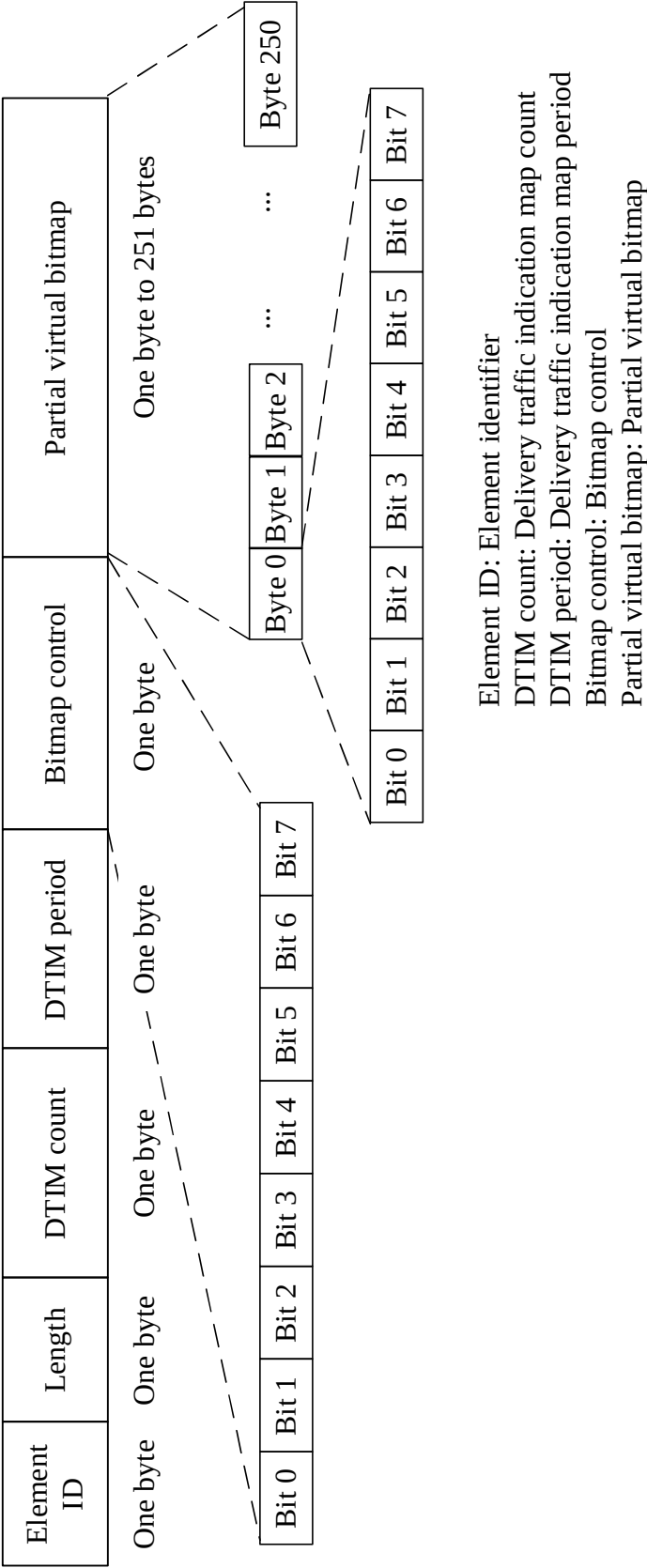


FIG. 2

Element ID	Length	Maximum BSSID indication	Optional sub-element
One byte	One byte	Six bytes	Variable

Element ID: Element identifier
BSSID: Basic service set identifier

FIG. 3

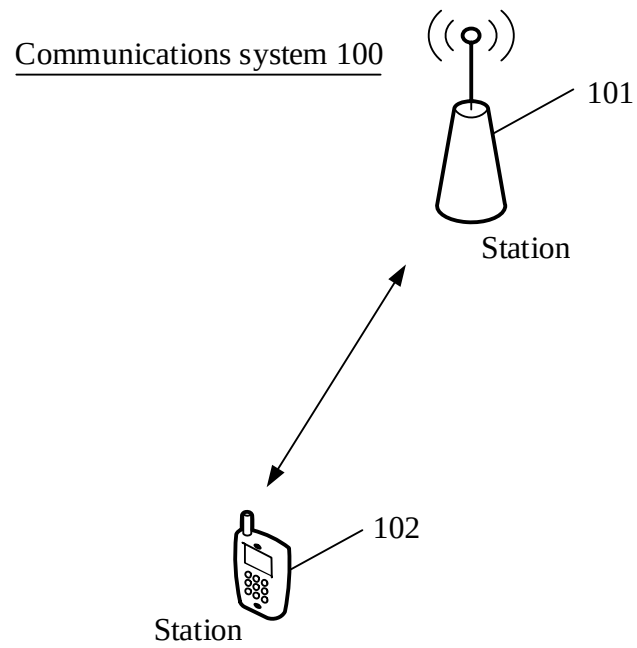
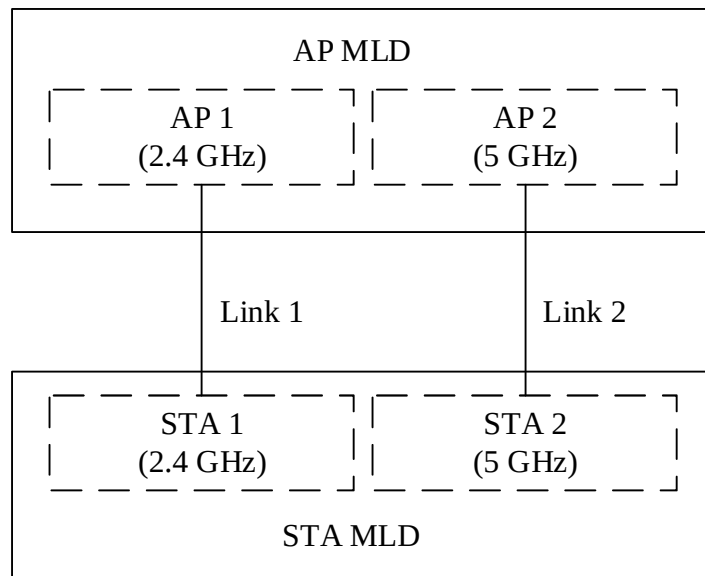


FIG. 4(a)

Communications system 200

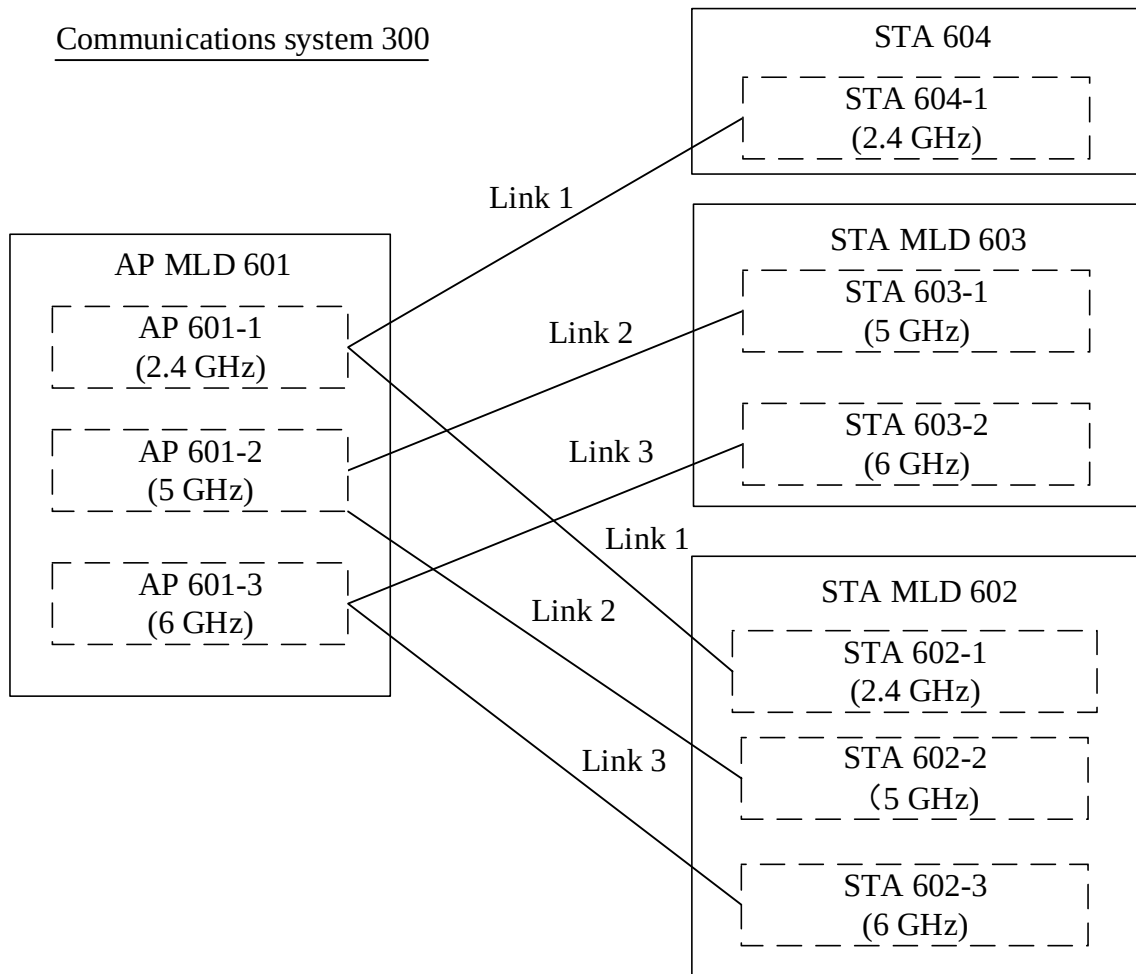
AP MLD: Access point multi-link device

STA MLD: Station multi-link device

AP: Access point

STA: Station

FIG. 4(b)

Communications system 300

AP MLD: Access point multi-link device

STA MLD: Station multi-link device

AP: Access point

STA: Station

FIG. 4(c)

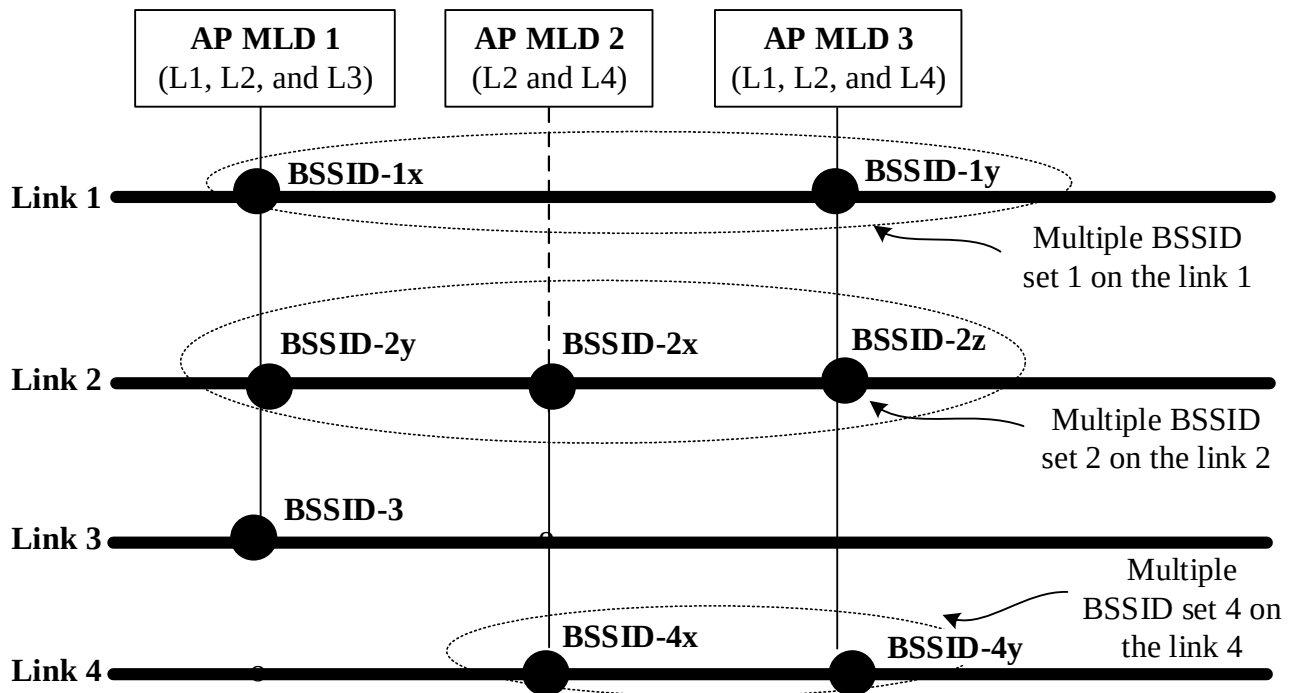


FIG. 5

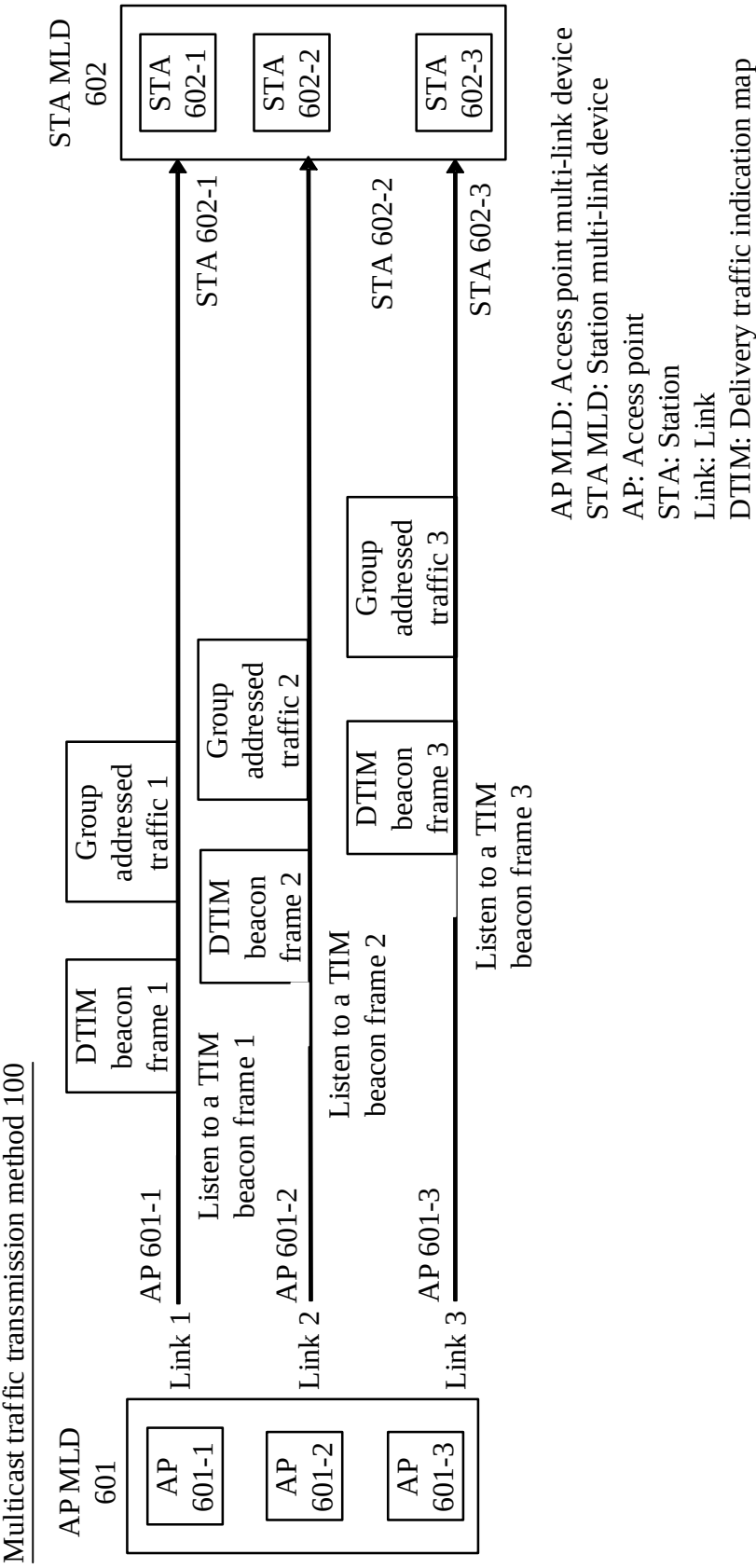


FIG. 6

Group addressed traffic transmission method 200 applicable to a plurality of links

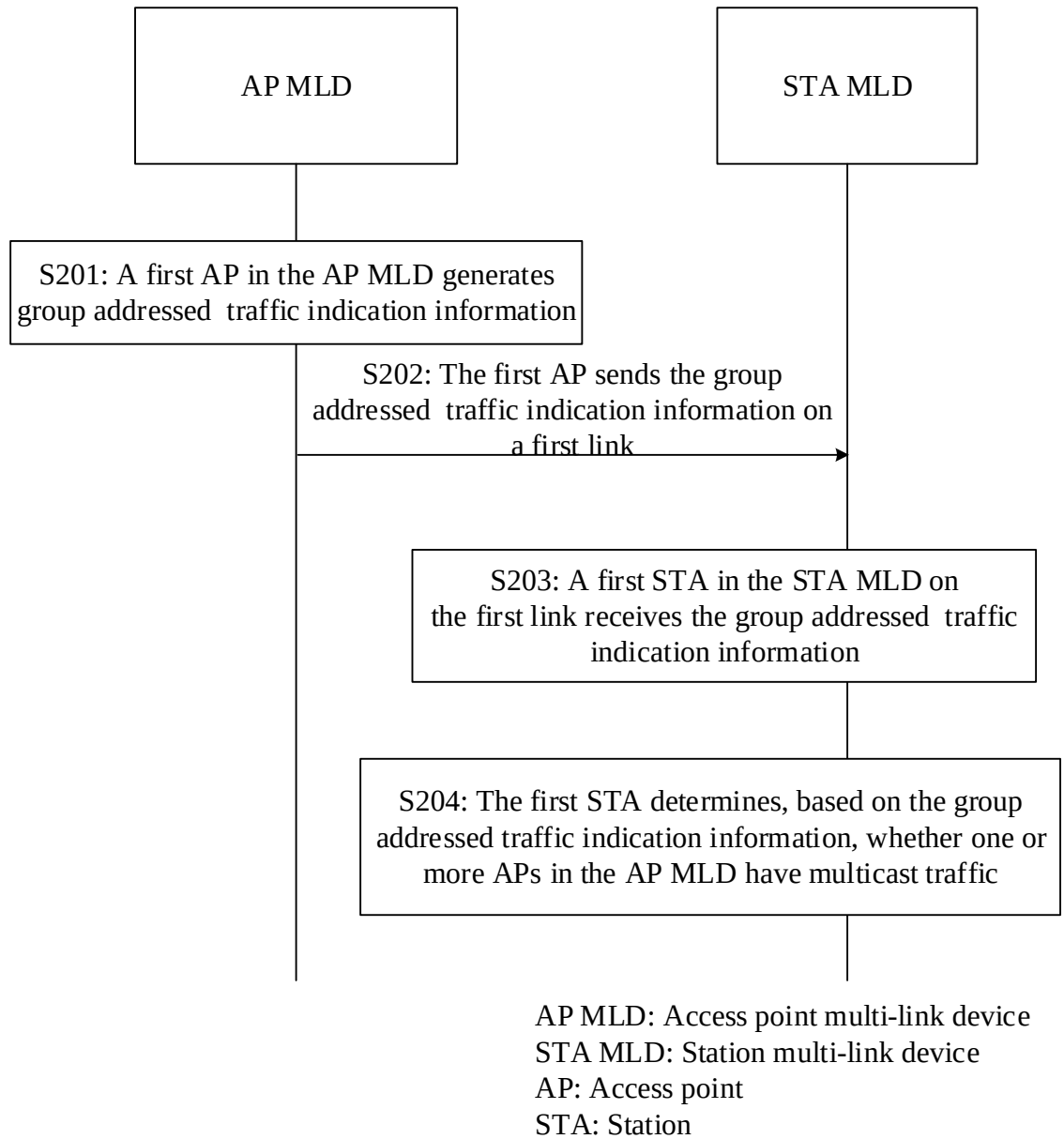


FIG. 7

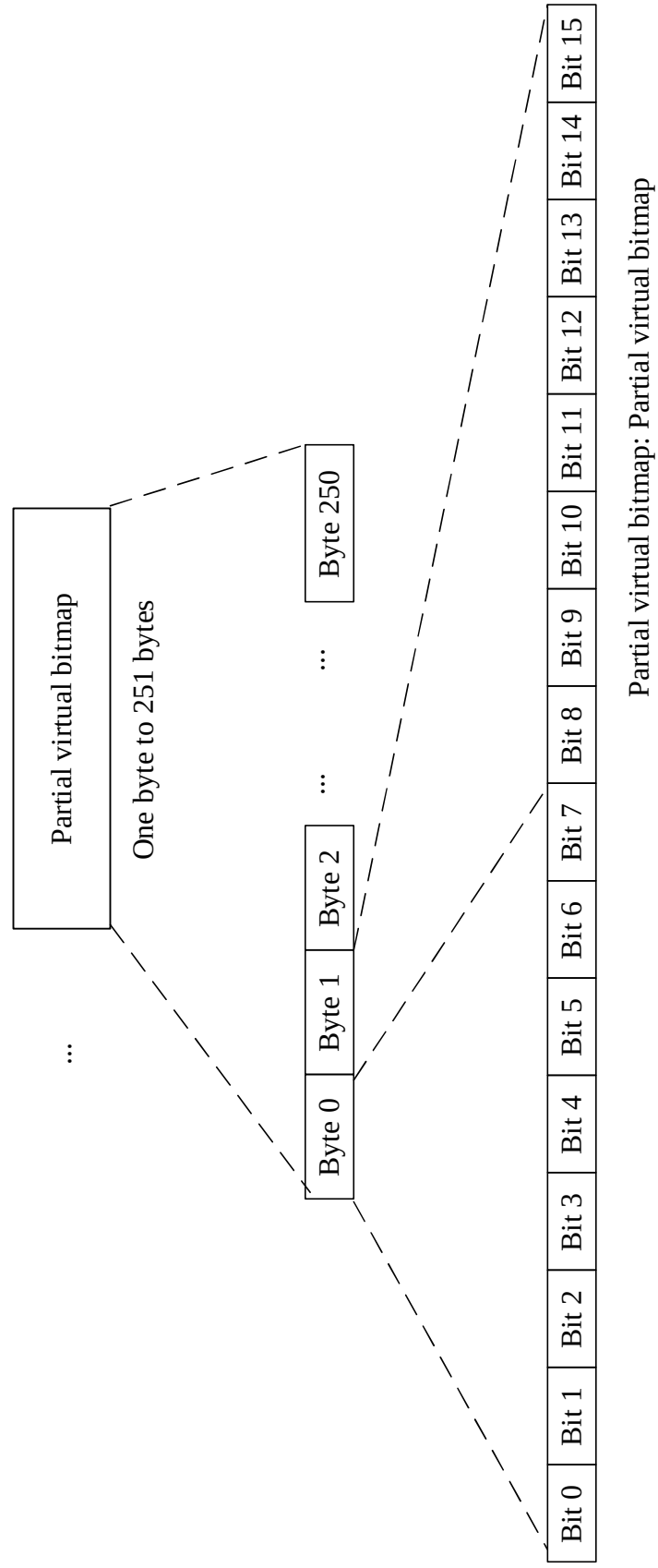


FIG. 8

MLD ID Multi-link device identifier	Link ID Link identifier	Change sequence Change sequence number	Group addressed traffic indication
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MLD parameters subfield MLD parameter field

FIG. 8a

B0	B1	B2	B3	B4	B5	B6	B7
ESS Extended service set	IBSS Independent basic service set	Reserved Reserved	Reserved Reserved	Privacy Privacy	Short preamble Short preamble	Multicast traffic flag	CSN updated flag Change sequence number updated flag
B8	B9	B10	B11	B12	B13	B14	B15
Spectrum management Spectrum management	QoS Quality of service	Short slot time Short slot time	APSD Automatic power save delivery	Radio measurement Radio measurement	EPD EtherType protocol discrimination	Reserved Reserved	Reserved Reserved

Capability information field format (non-DMG STA)/Capability information field

FIG. 8b

B0	B1	B2	B3	B4	B5	B6	B7
ESS Extended service set	IBSS Independent basic service set	Reserved Reserved	Reserved Reserved	Privacy Privacy	Short preamble Short preamble	RNR flag RNR flag	Reserved Reserved
B8	B9	B10	B11	B12	B13	B14	B15
Spectrum management Spectrum management	QoS Quality of service	Short slot time Short slot time	APSD Automatic power save delivery	Radio measurement Radio measurement	EPD EtherType protocol discrimination	Reserved Reserved	Reserved Reserved

Capability information field format (non-DMG STA)/Capability information field

FIG. 8c

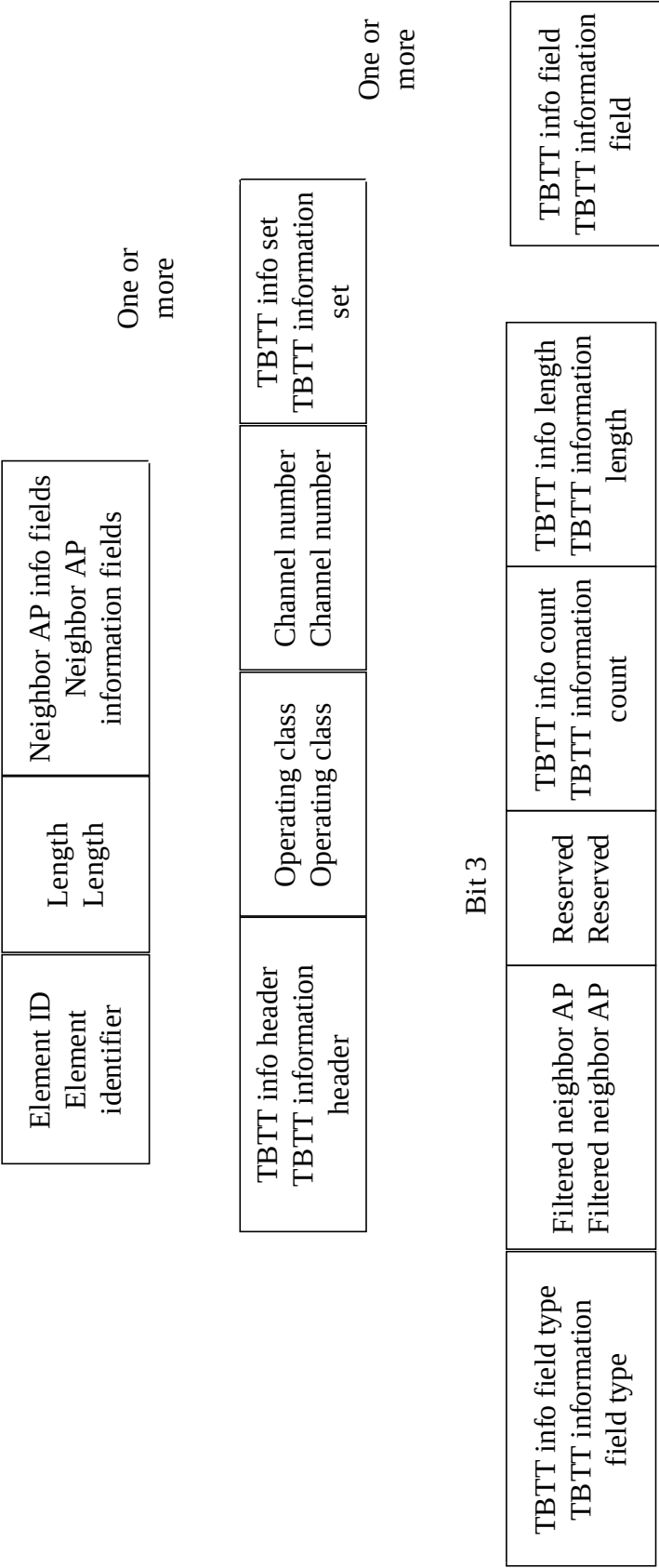


FIG. 8d

Neighbor AP TBTT offset Neighbor AP TBTT offset	BSSID (Optional) BSSID (Optional)	Short-SSID (Optional) Short-SSID (Optional)	BSS parameter (Optional) BSS parameter (Optional)	20 MHz power spectrum density (Optional) 20 MHz PSD (Optional)
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Bit 0		Bit 7					
OCT recommended	Same SSID	Multiple BSSID	Transmitted BSSID	Member of an extended service set with a 2.4/5 GHz co-located AP	Unsolicited probe response active	Co-located AP	Reserved
OCT recommended	Same SSID	Multiple BSSID	Transmitted BSSID	Member of ESS with 2.4/5 GHz co-located AP	Unsolicited probe response active	Co-located AP	Reserved

FIG. 8e

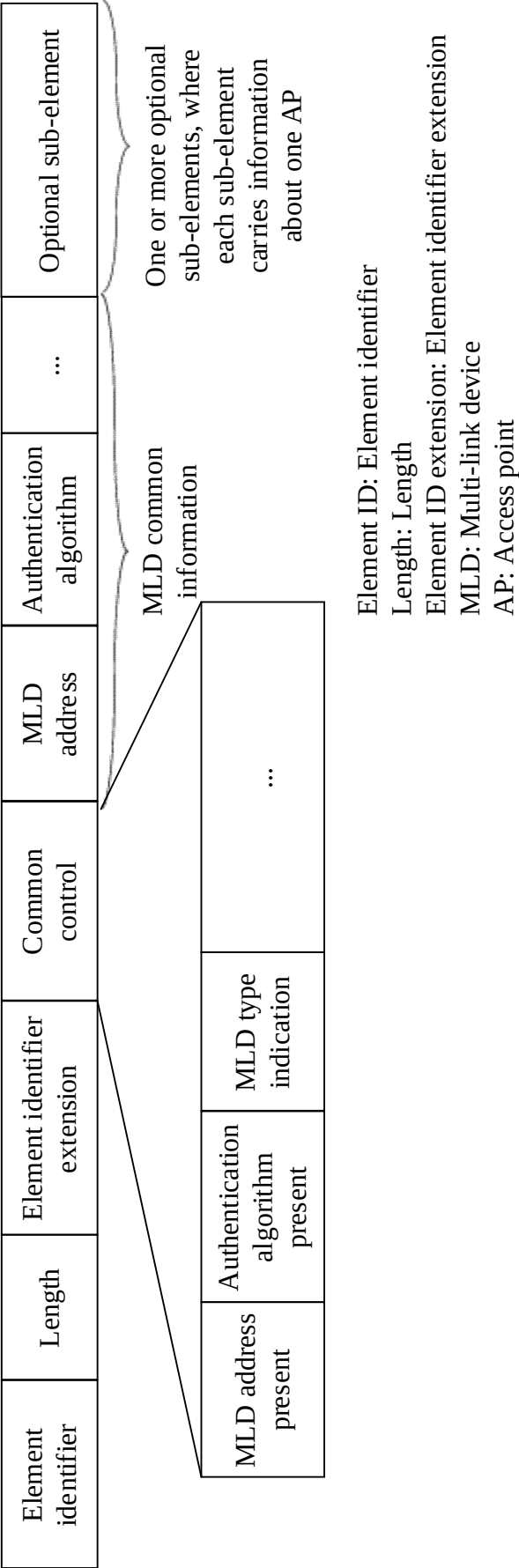


FIG. 9

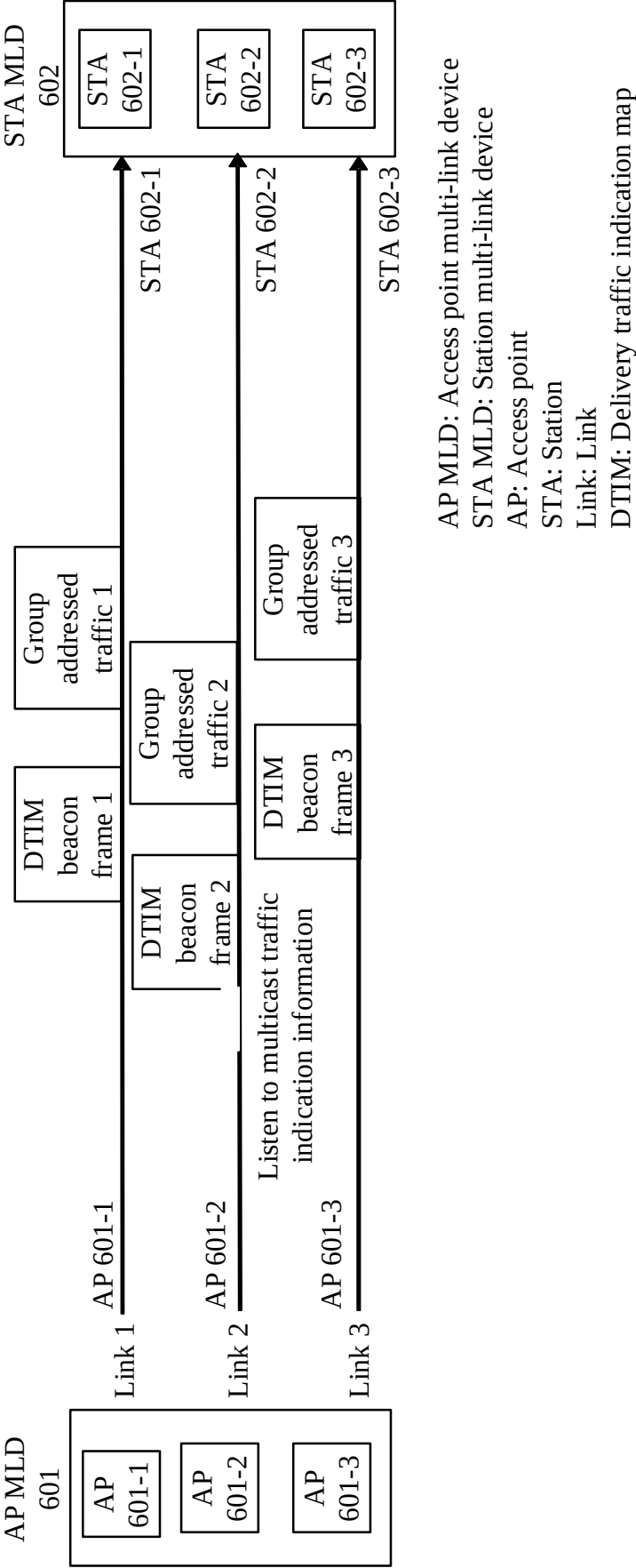


FIG. 10

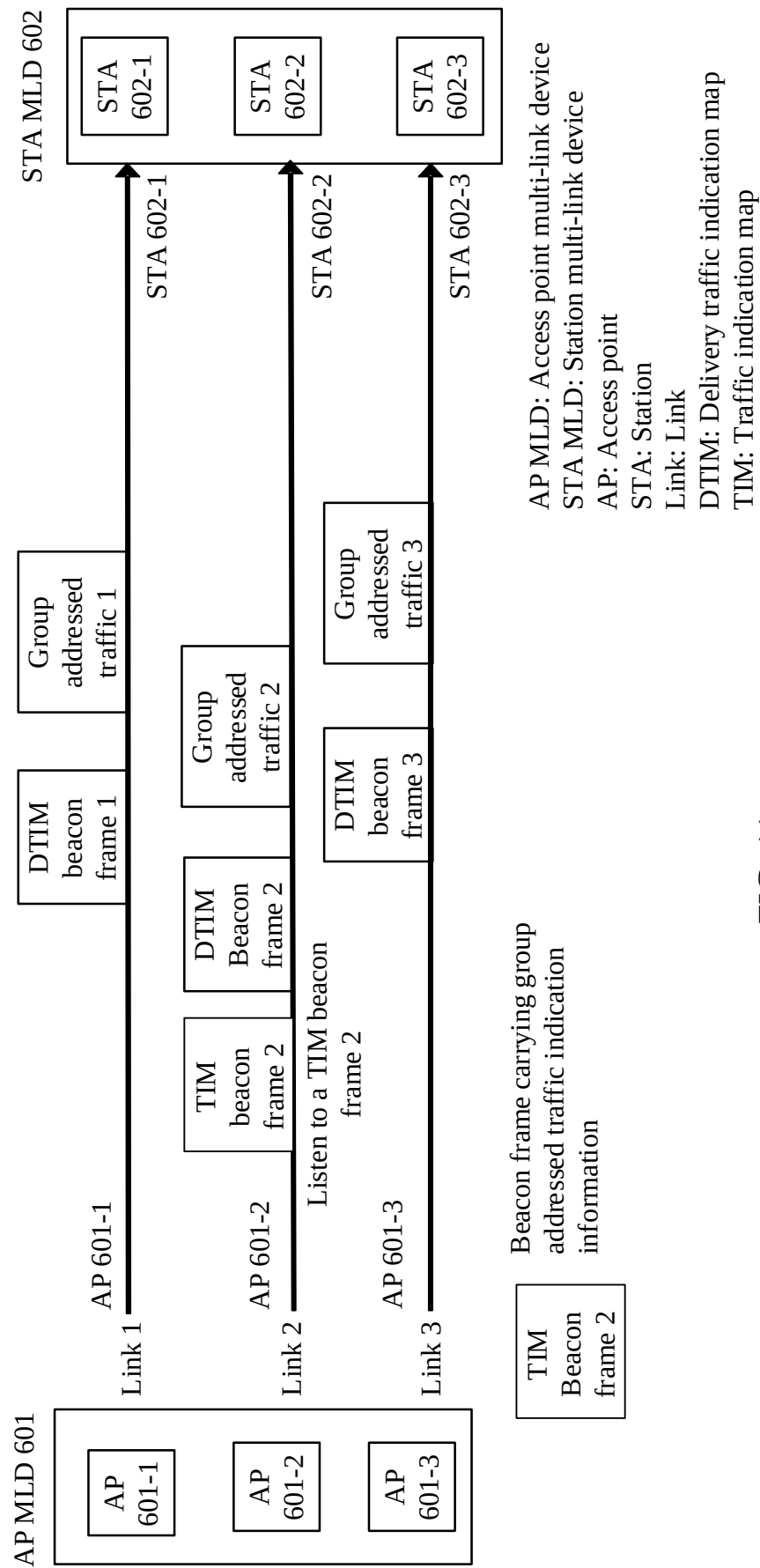


FIG. 11

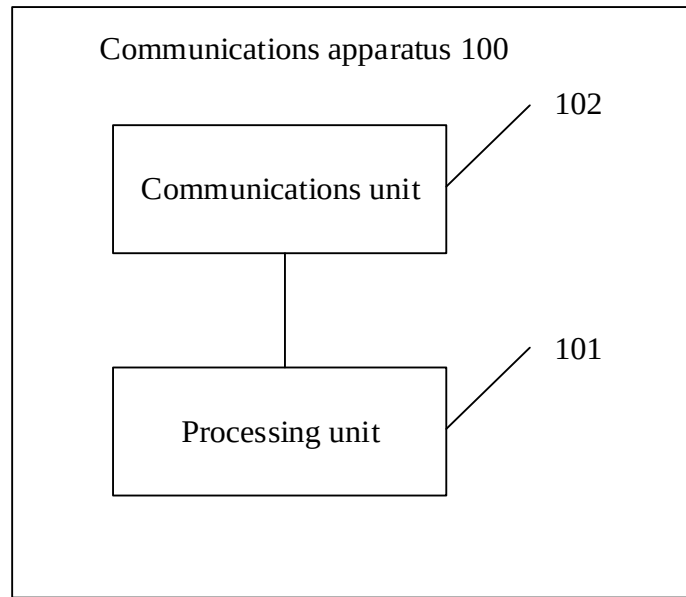


FIG. 12

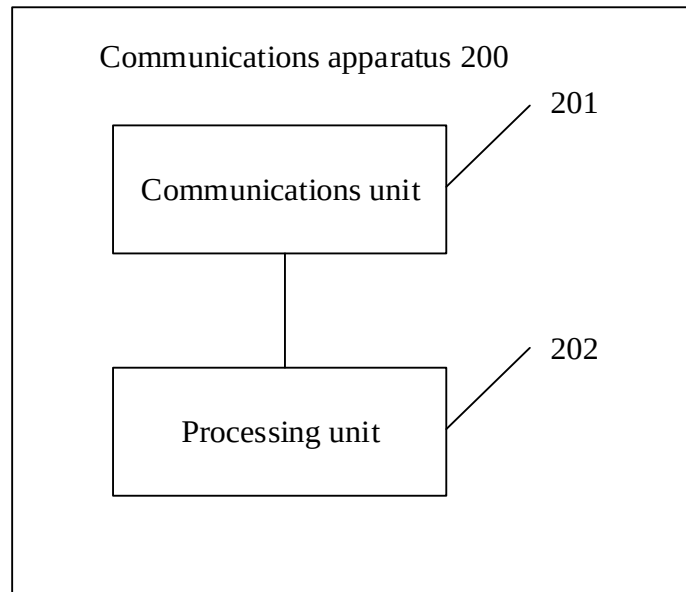


FIG. 13

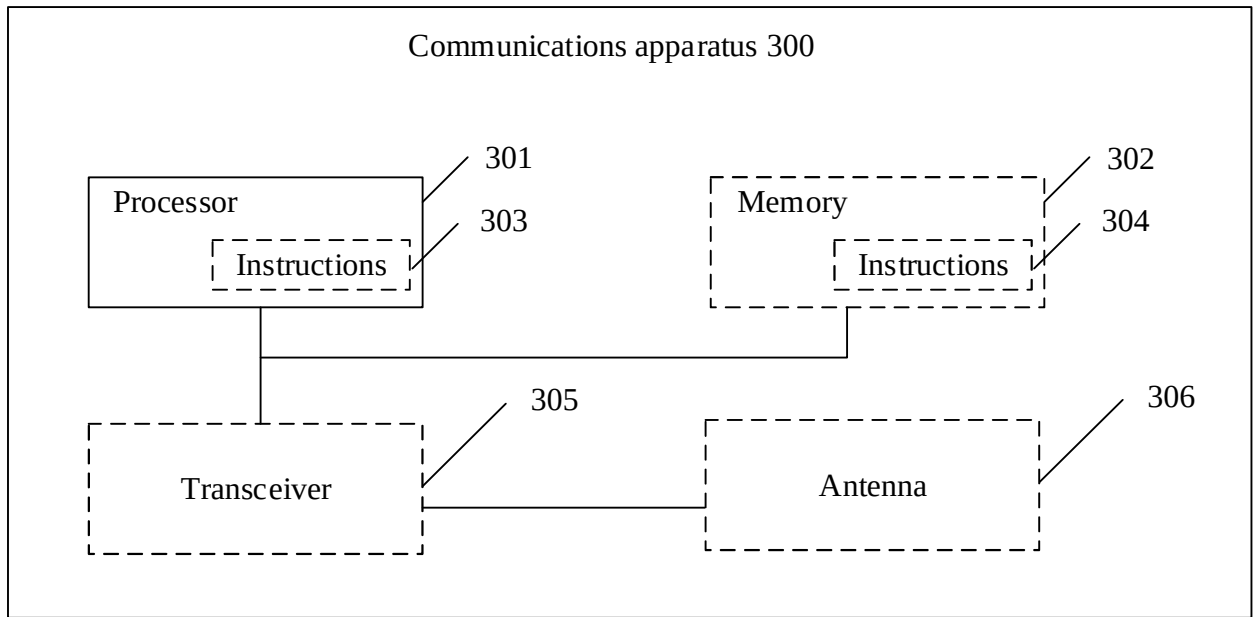


FIG. 14

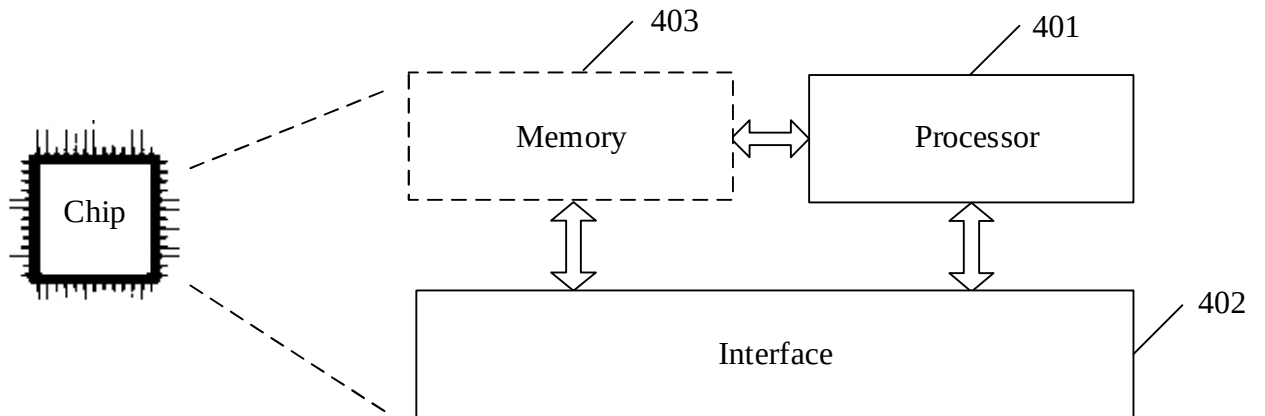


FIG. 15