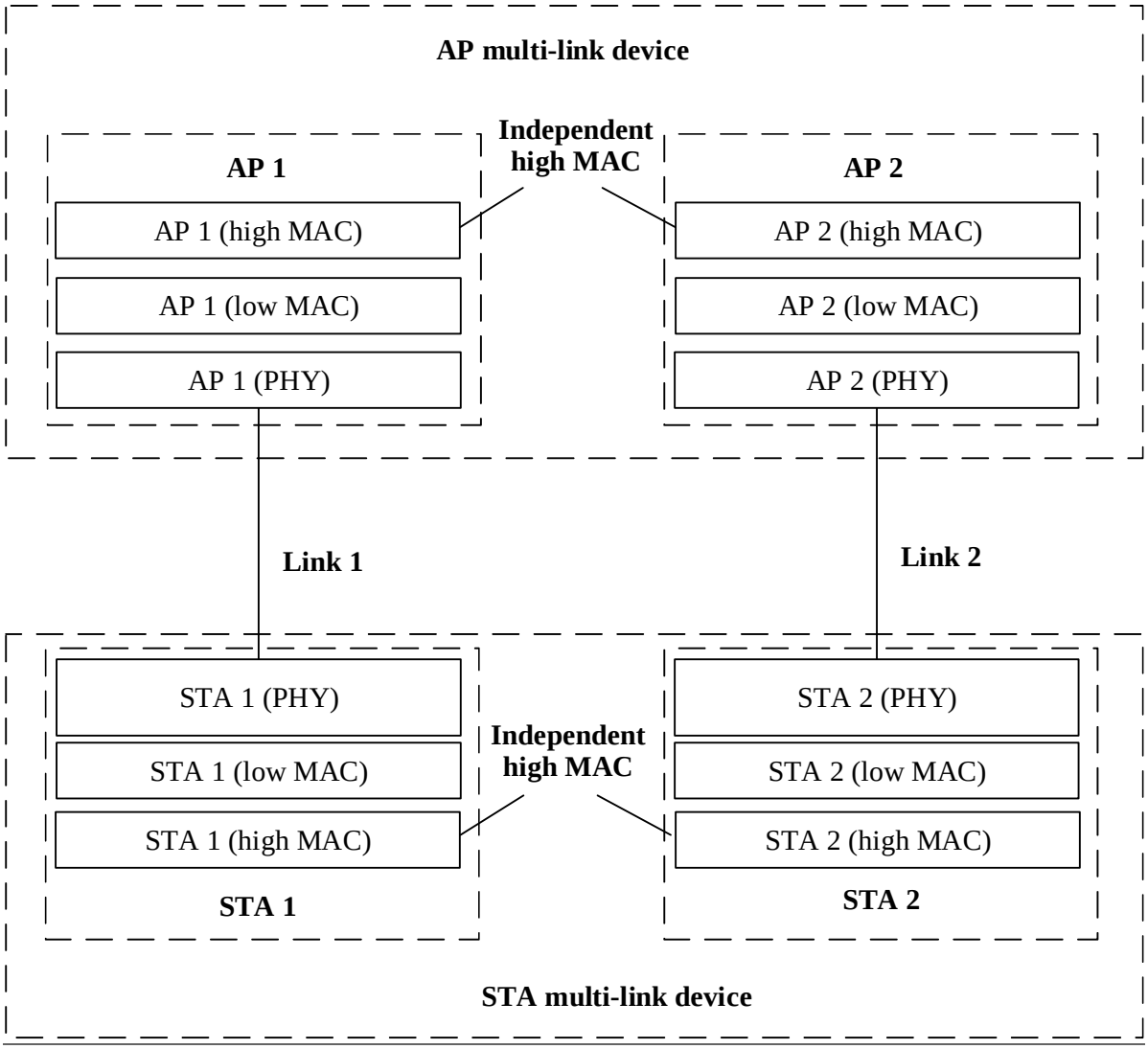

AP multi-link device
Independent high MAC
AP 1
AP 1 (high MAC)
AP 1 (low MAC)
AP 1 (PHY)
AP 2
AP 2 (high MAC)
AP 2 (low MAC)
AP 2 (PHY)
Link 1
Link 2
STA 1 (PHY)
STA 1 (low MAC)
STA 1 (high MAC)
STA 1
Independent high MAC
STA 2 (PHY)
STA 2 (low MAC)
STA 2 (high MAC)
STA 2
STA multi-link device

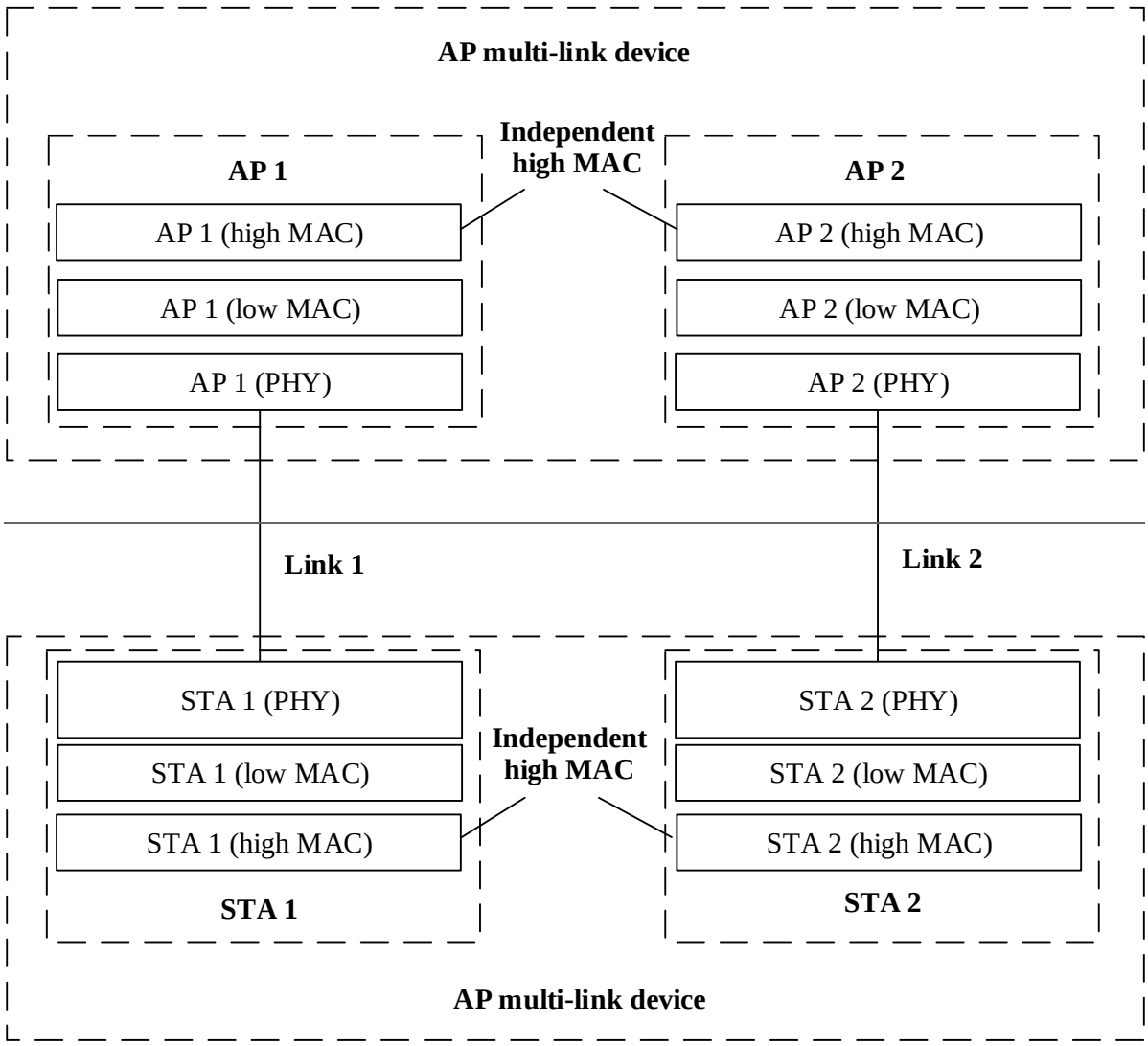

AP multi-link device
Independent high MAC
AP 1
AP 1 (high MAC)
AP 1 (low MAC)
AP 1 (PHY)
AP 2
AP 2 (high MAC)
AP 2 (low MAC)
AP 2 (PHY)
Link 1
Link 2
STA 1 (PHY)
STA 1 (low MAC)
STA 1 (high MAC)
STA 1
Independent high MAC
STA 2 (PHY)
STA 2 (low MAC)
STA 2 (high MAC)
STA 2
AP multi-link device

FIG. 2(a)

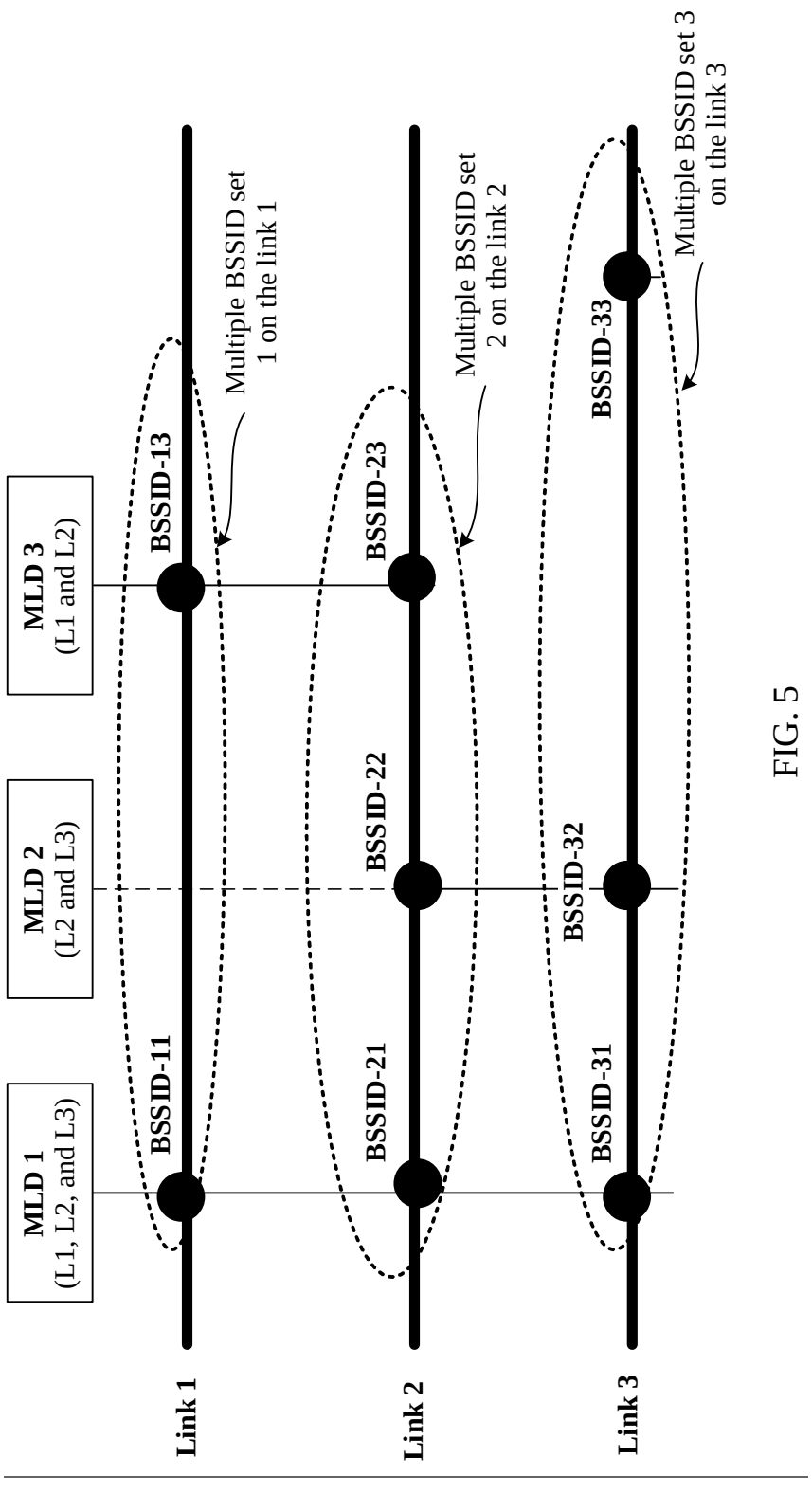

MLD 1
(L1, L2, and L3)
MLD 2
(L2 and L3)
MLD 3
(L1 and L2)
BSSID-11
BSSID-21
BSSID-31
BSSID-22
BSSID-32
BSSID-13
BSSID-23
BSSID-33
Multiple BSSID set 1 on the link 1
Multiple BSSID set 2 on the link 2
Multiple BSSID set 3 on the link 3
Link 1
Link 2
Link 3

FIG. 5

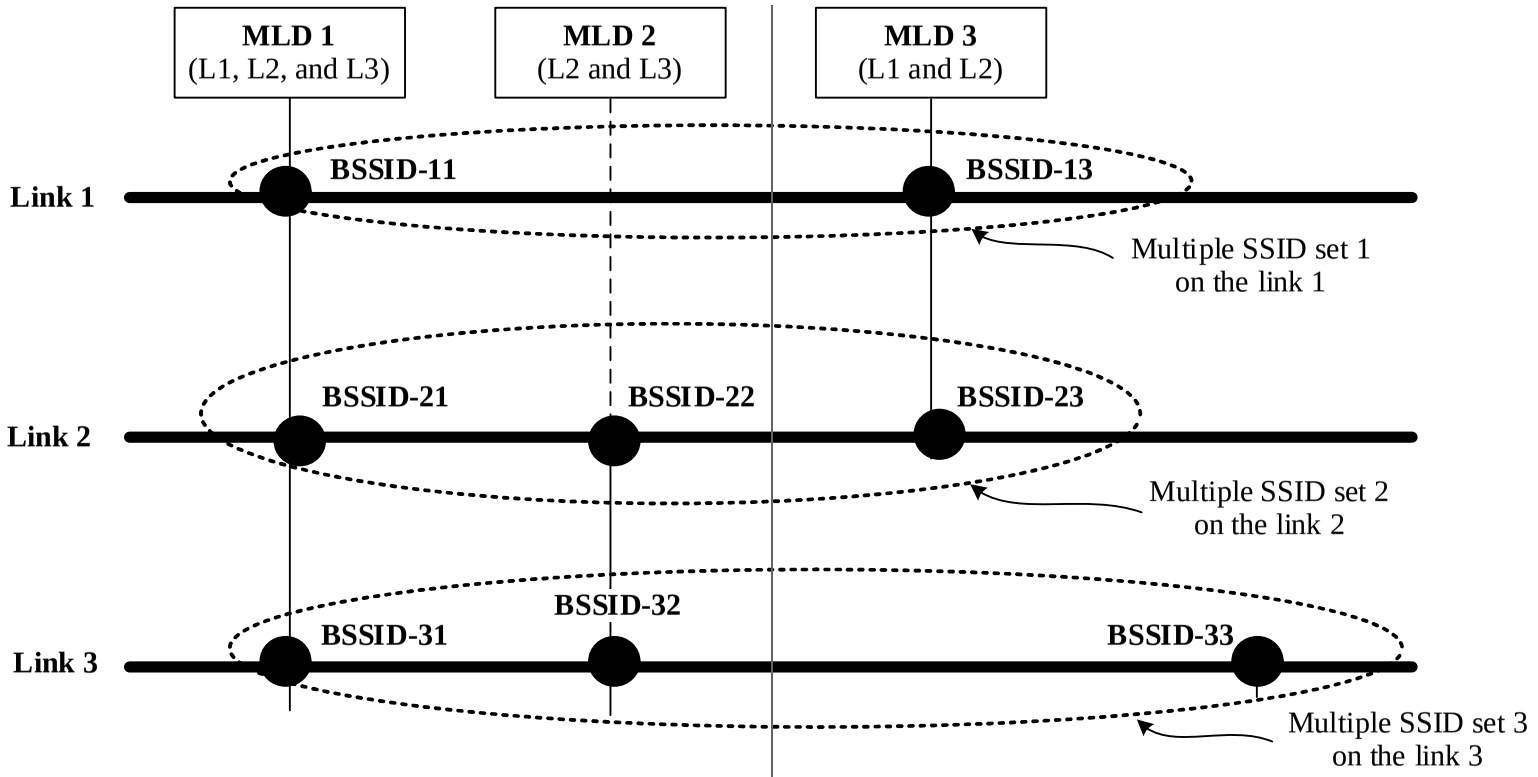

MLD 1
(L1, L2, and L3)
MLD 2
(L2 and L3)
MLD 3
(L1 and L2)
Link 1
BSSID-11
BSSID-13
Multiple SSID set 1
on the link 1
Link 2
BSSID-21
BSSID-22
BSSID-23
Multiple SSID set 2
on the link 2
Link 3
BSSID-31
BSSID-32
BSSID-33
Multiple SSID set 3
on the link 3

FIG. 5

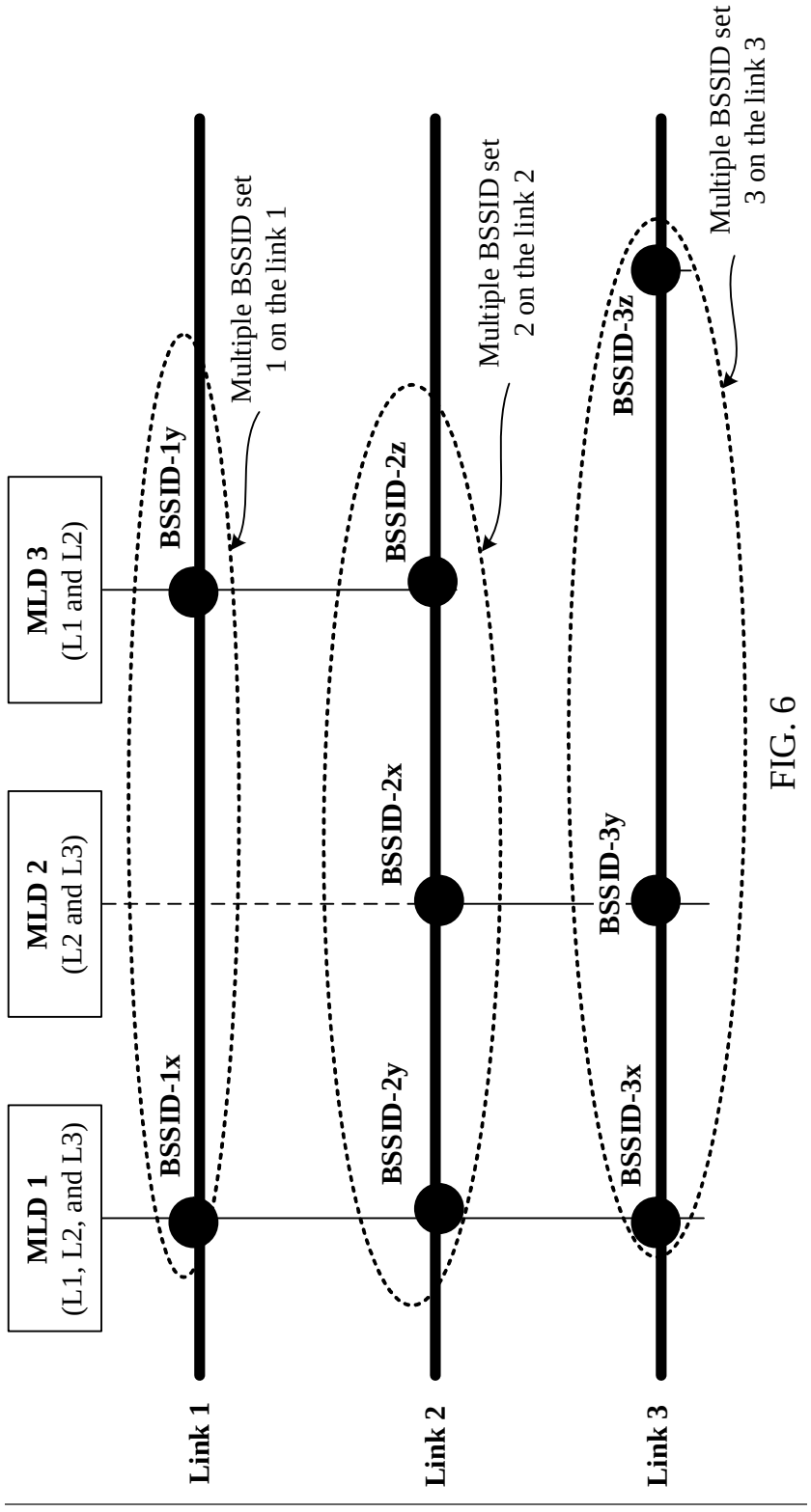

MLD 1
(L1, L2, and L3)
MLD 2
(L2 and L3)
MLD 3
(L1 and L2)
BSSID-1x
BSSID-1y
BSSID-2y
BSSID-2x
BSSID-2z
BSSID-3x
BSSID-3y
BSSID-3z
Multiple BSSID set
1 on the link 1
Multiple BSSID set
2 on the link 2
Multiple BSSID set
3 on the link 3
Link 1
Link 2
Link 3

FIG. 6

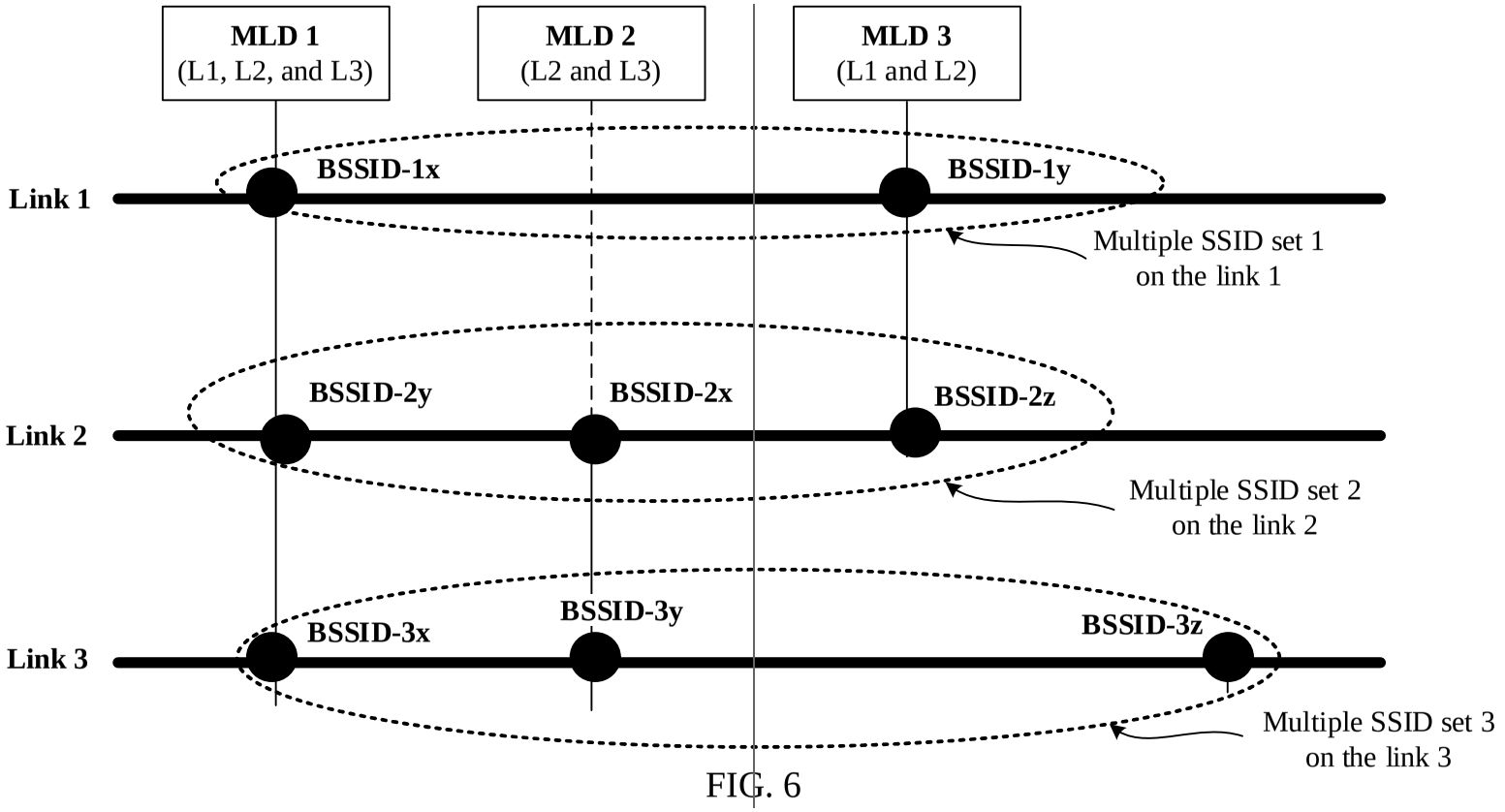

MLD 1
(L1, L2, and L3)
MLD 2
(L2 and L3)
MLD 3
(L1 and L2)
Link 1
BSSID-1x
BSSID-1y
Multiple SSID set 1
on the link 1
Link 2
BSSID-2y
BSSID-2x
BSSID-2z
Multiple SSID set 2
on the link 2
Link 3
BSSID-3x
BSSID-3y
BSSID-3z
Multiple SSID set 3
on the link 3

FIG. 6

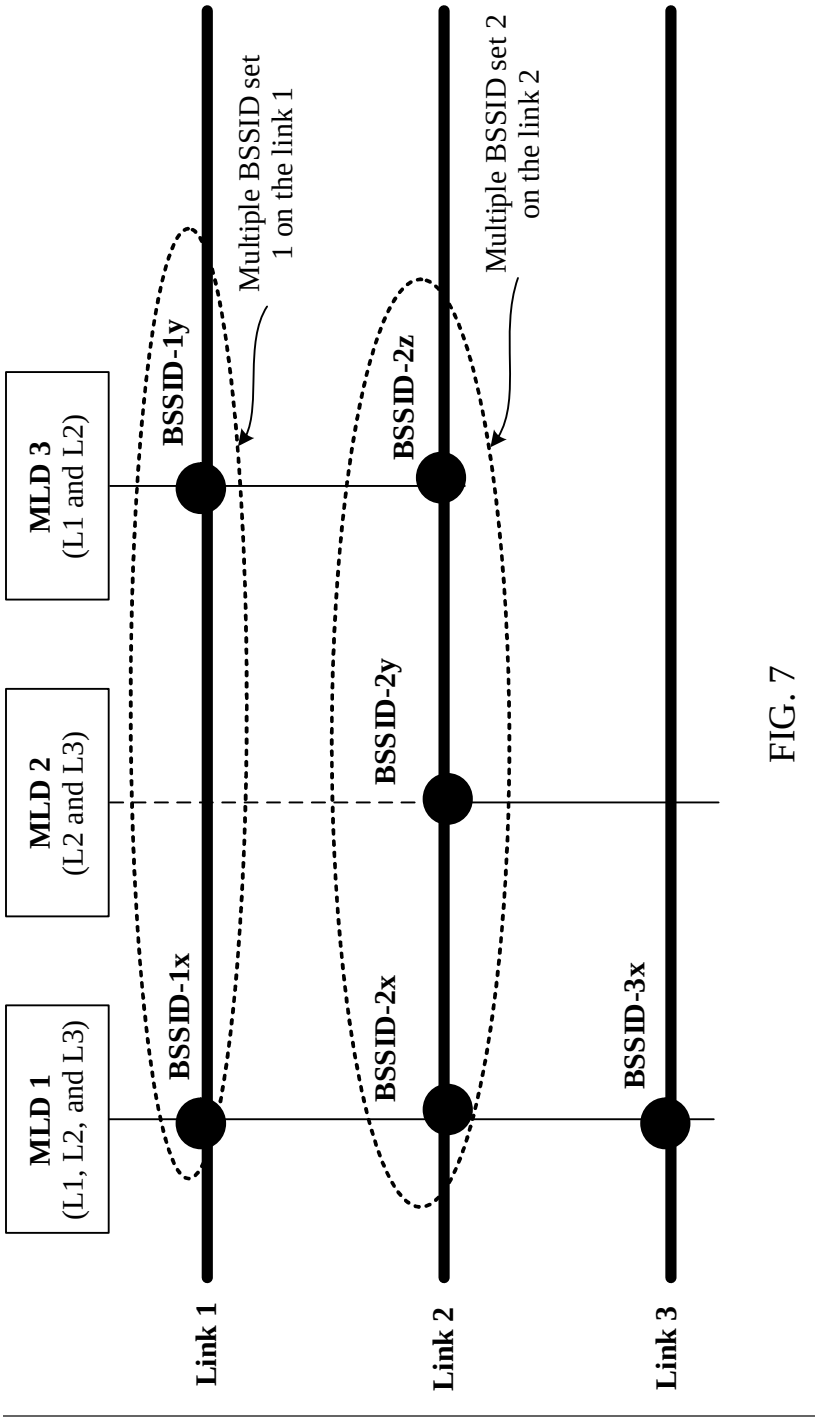

MLD 1
(L1, L2, and L3)
MLD 2
(L2 and L3)
MLD 3
(L1 and L2)
BSSID-1x
BSSID-1y
BSSID-2x
BSSID-2y
BSSID-2z
BSSID-3x
Multiple BSSID set
1 on the link 1
Multiple BSSID set 2
on the link 2
Link 1
Link 2
Link 3

FIG. 7

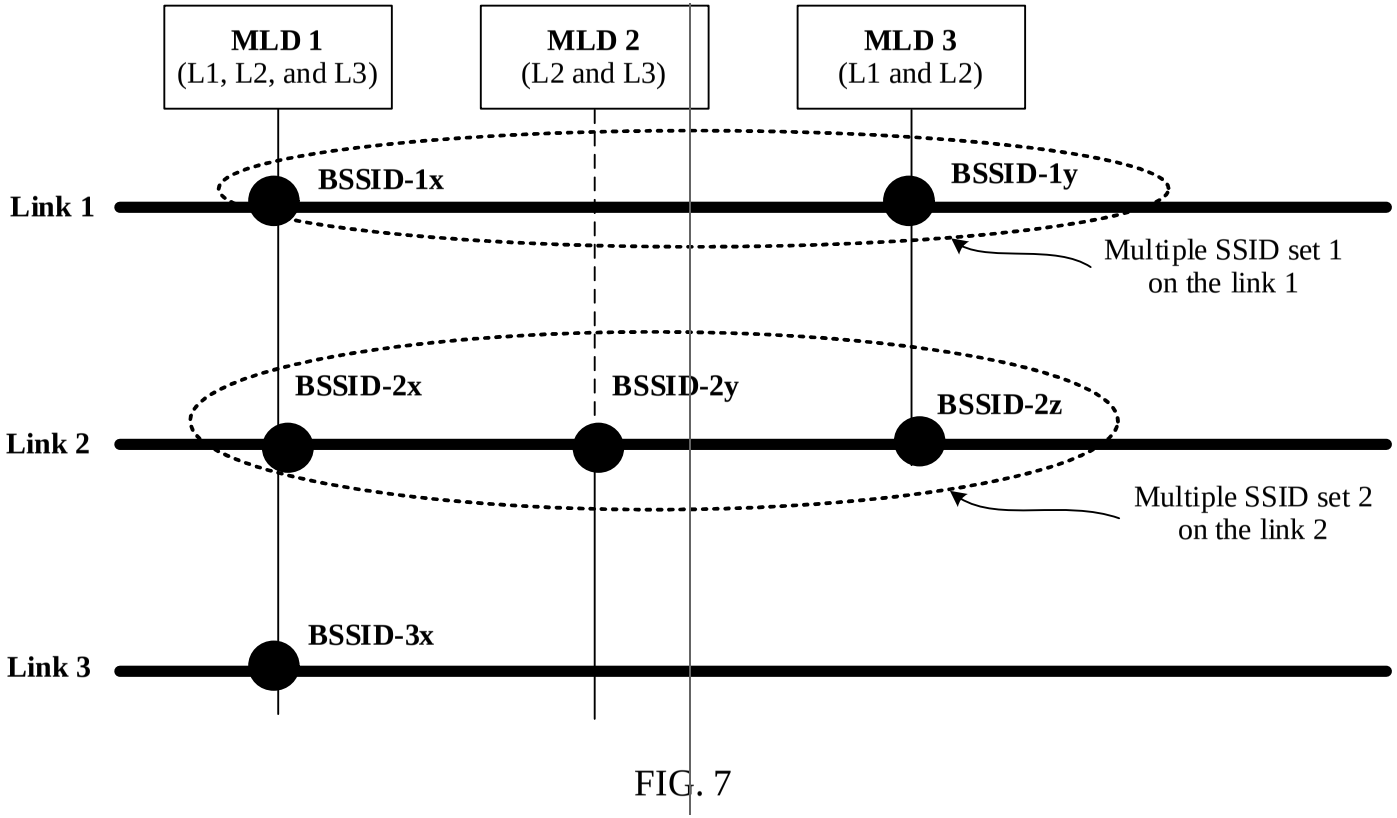

MLD 1
(L1, L2, and L3)
MLD 2
(L2 and L3)
MLD 3
(L1 and L2)
Link 1
BSSID-1x
BSSID-1y
Multiple SSID set 1
on the link 1
Link 2
BSSID-2x
BSSID-2y
BSSID-2z
Multiple SSID set 2
on the link 2
Link 3
BSSID-3x

FIG. 7