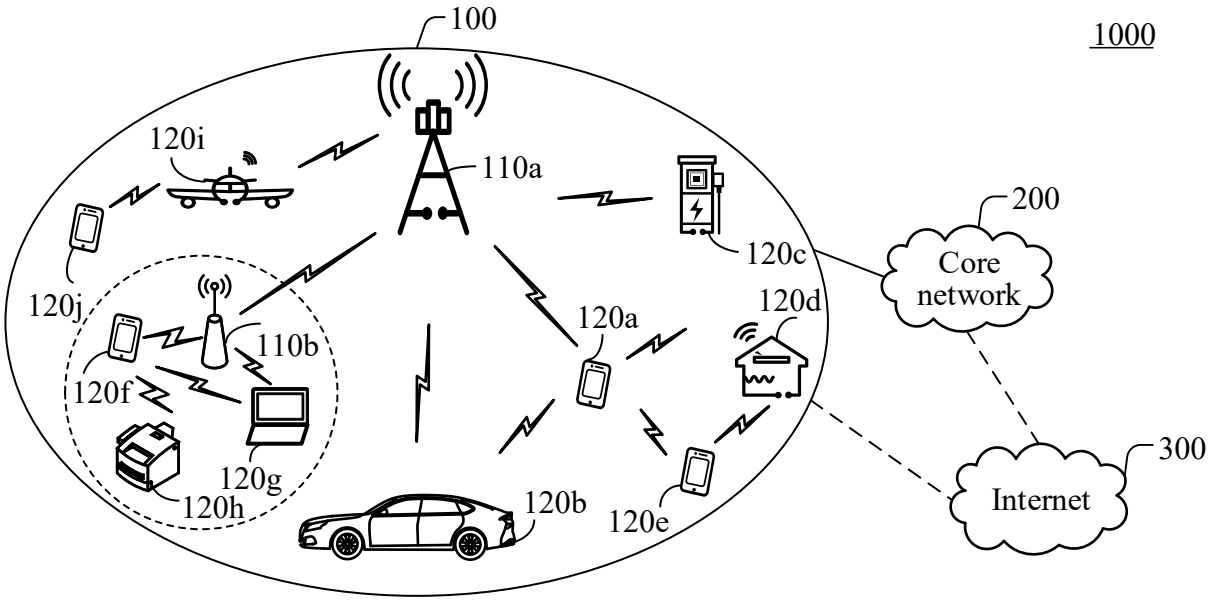

100
1000
120i
110a
200
120c
Core network
120j
120d
120a
110b
120f
300
Internet
120g
120h
120b
120e

FIG. 1

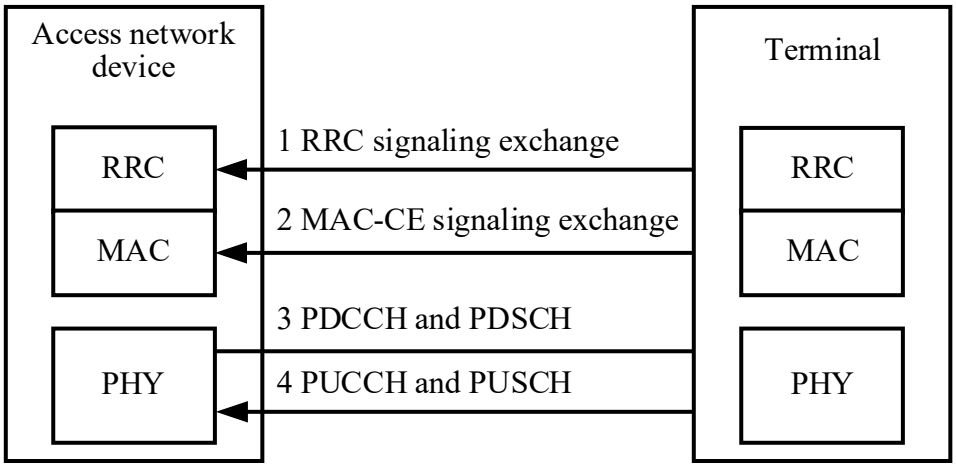

Access network device
Terminal
RRC
1 RRC signaling exchange
RRC
MAC
2 MAC-CE signaling exchange
MAC
3 PDCCH and PDSCH
PHY
4 PUCCH and PUSCH
PHY

FIG. 2

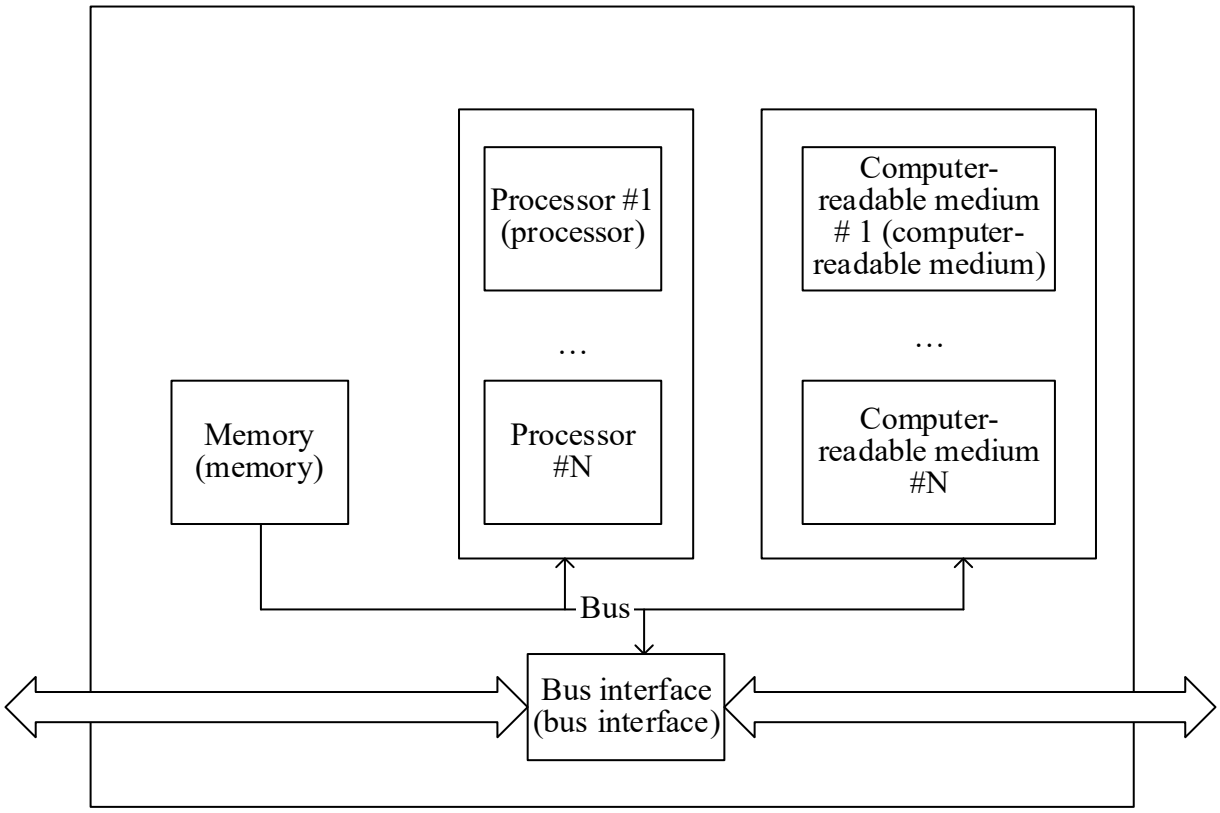

Processor #1
(processor)
…
Processor
#N
Computer-
readable medium
1 (computer-
readable medium)
…
Computer-
readable medium
#N
Memory
(memory)
Bus
Bus interface
(bus interface)

FIG. 3

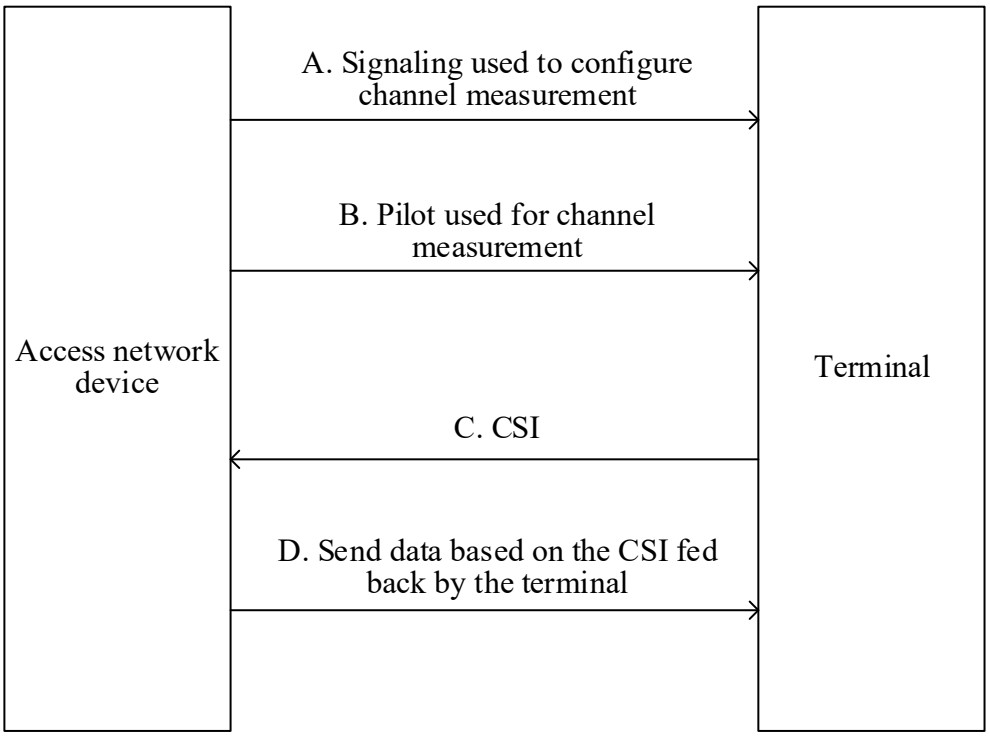

A. Signaling used to configure
channel measurement
B. Pilot used for channel
measurement
Access network
device
Terminal
C. CSI
D. Send data based on the CSI fed
back by the terminal

FIG. 4

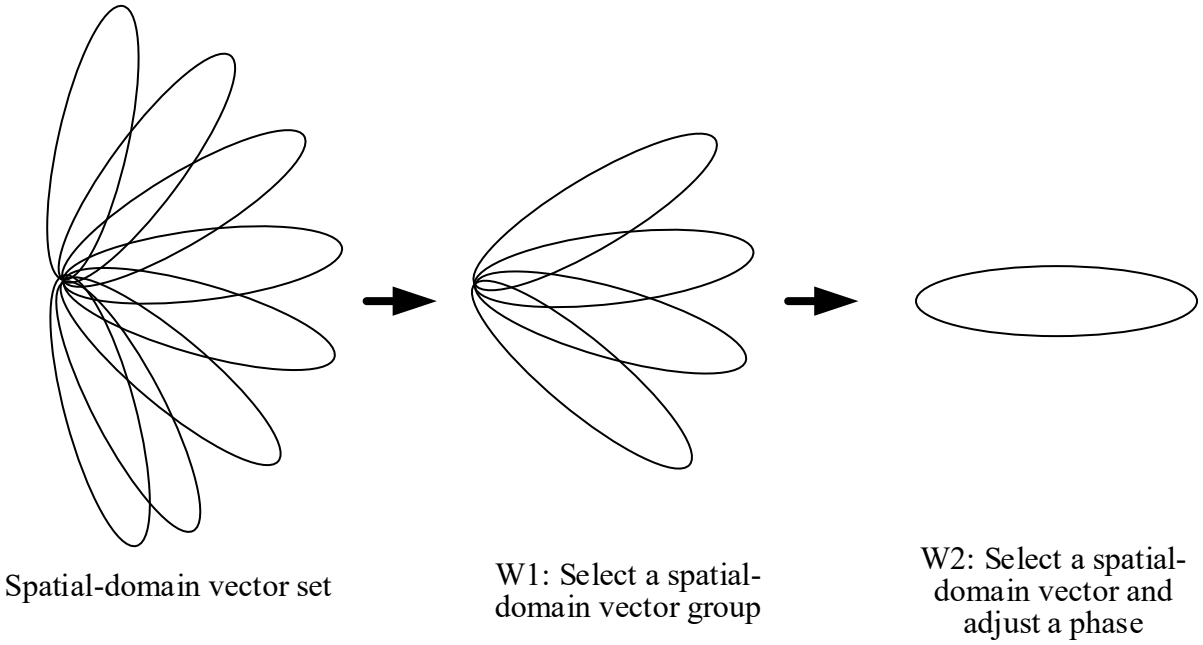

Spatial-domain vector set
W1: Select a spatial-domain vector group
W2: Select a spatial-domain vector and adjust a phase

FIG. 5

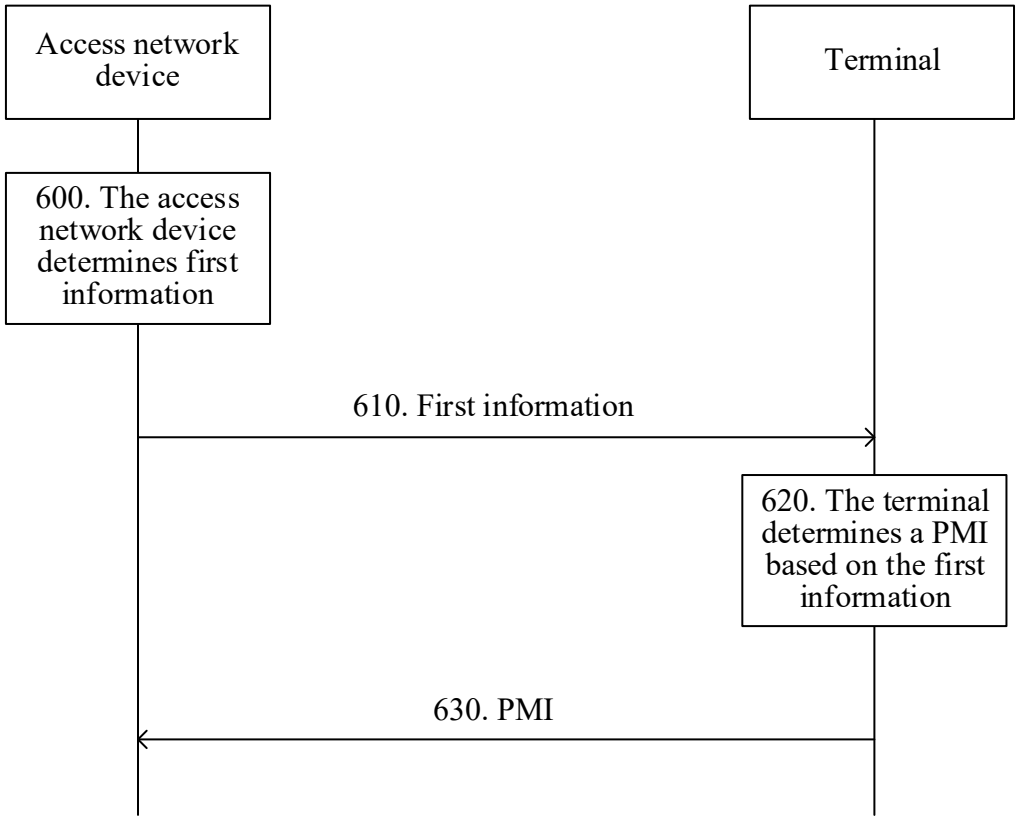

Access network device
Terminal
600. The access network device determines first information
610. First information
620. The terminal determines a PMI based on the first information
630. PMI

FIG. 6

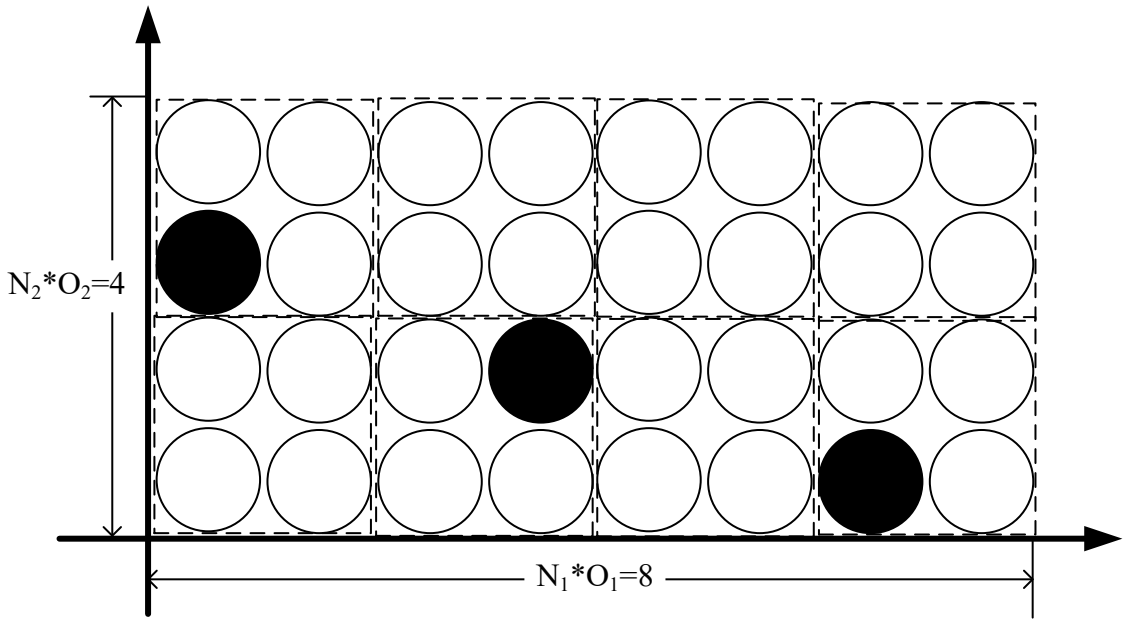


FIG. 7A

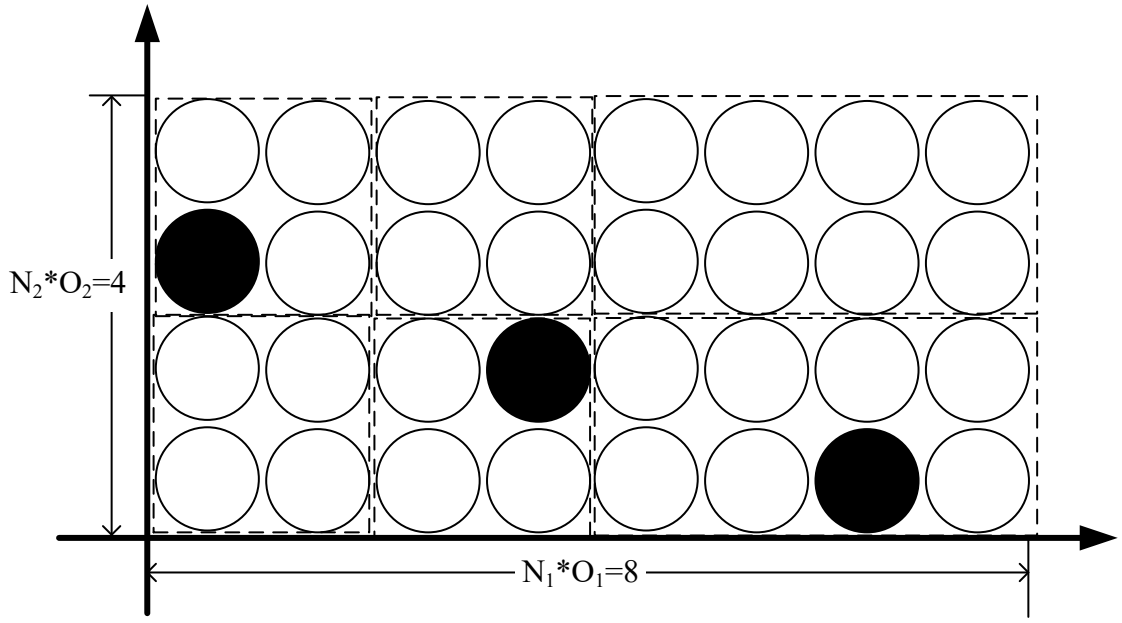


FIG. 7B

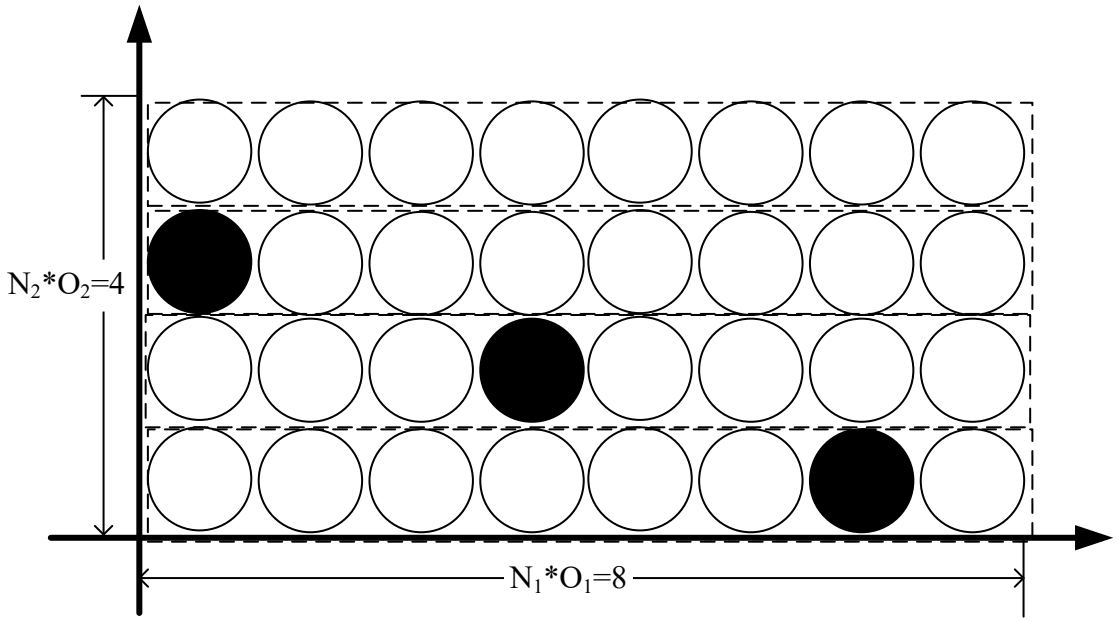


FIG. 8A

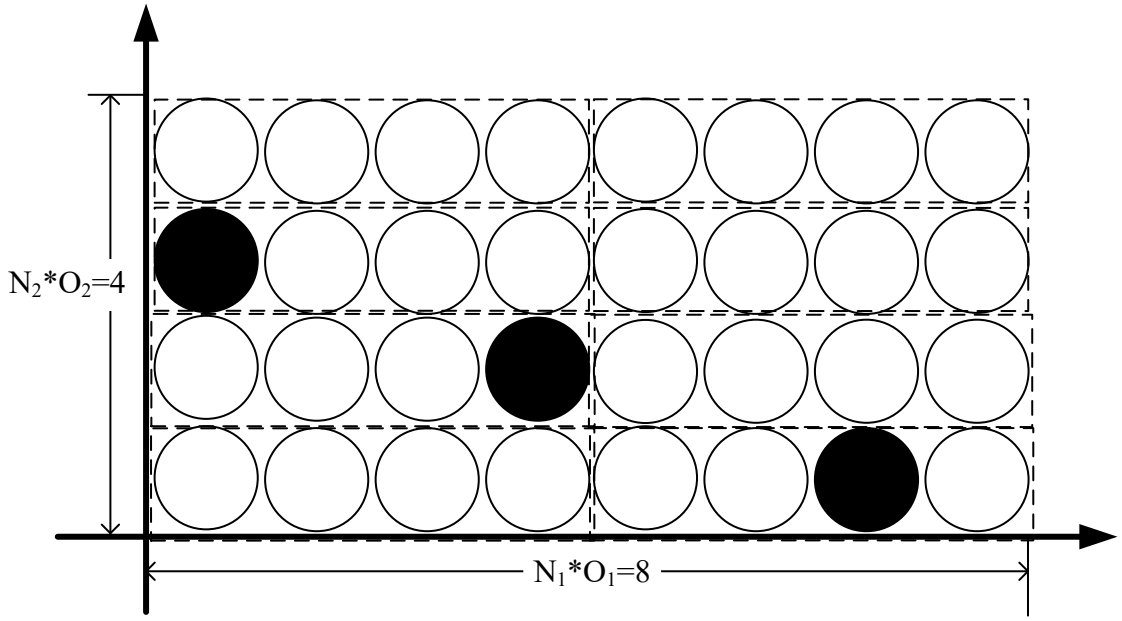


FIG. 8B

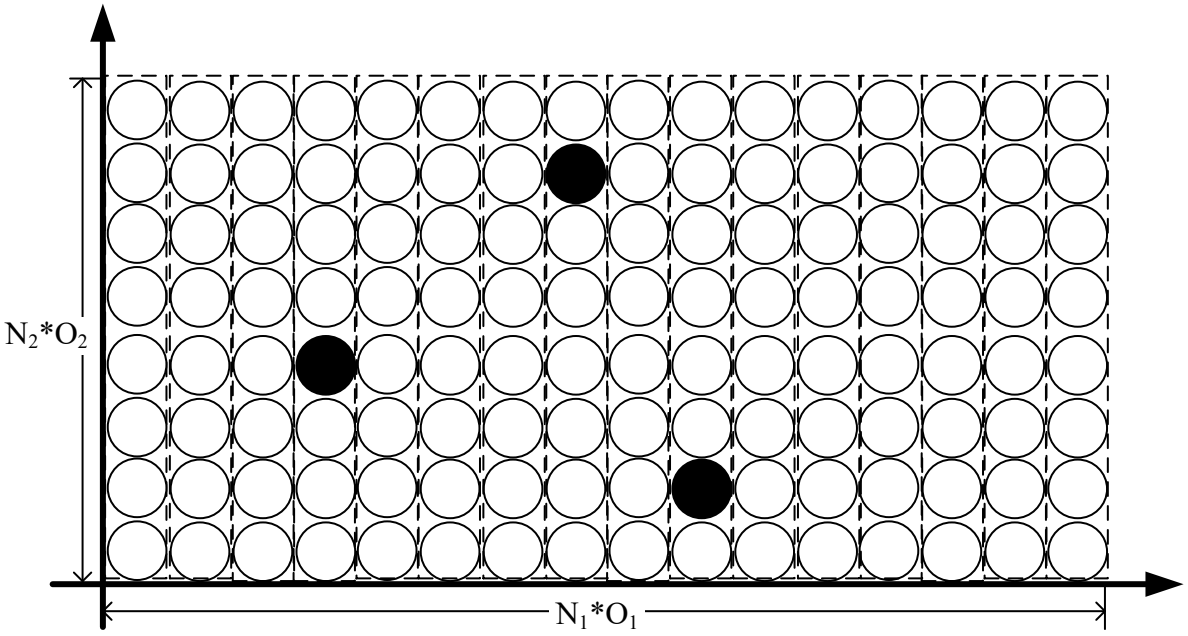


FIG. 9A

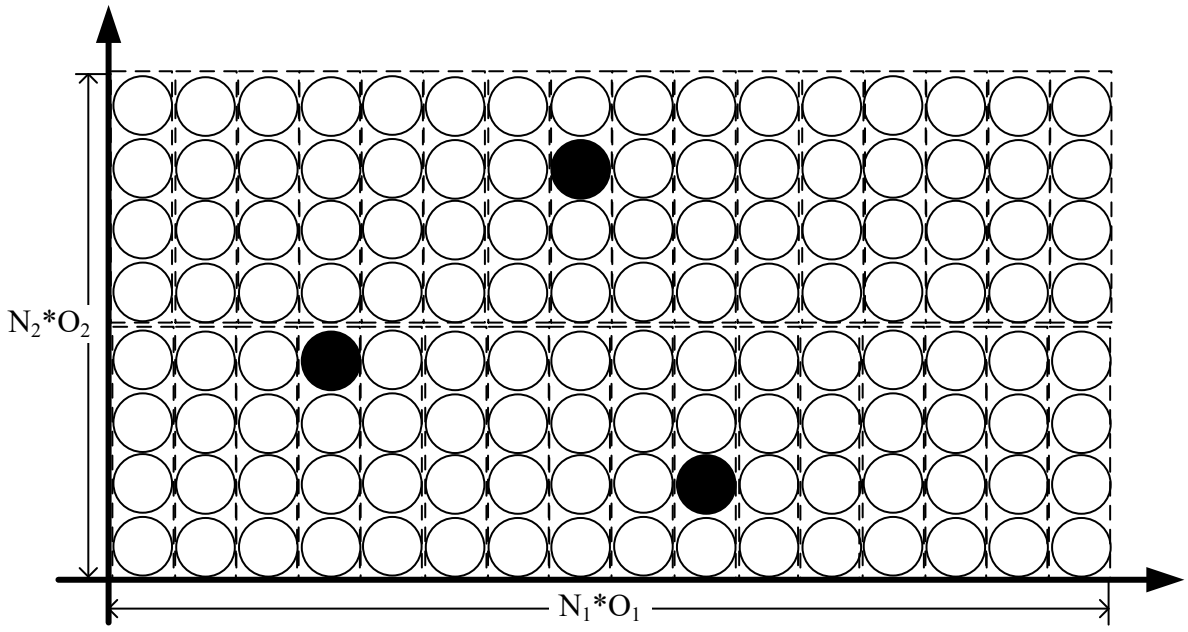


FIG. 9B

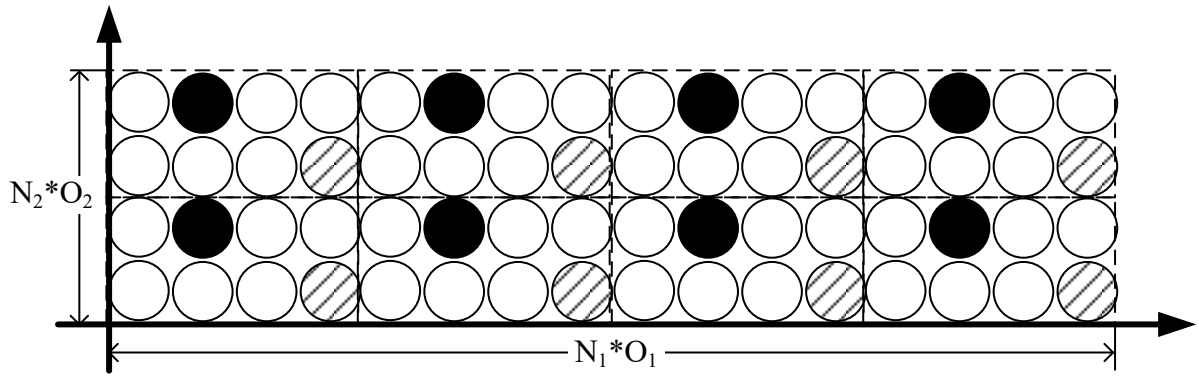

N_2*O_2
N_1*O_1

FIG. 10

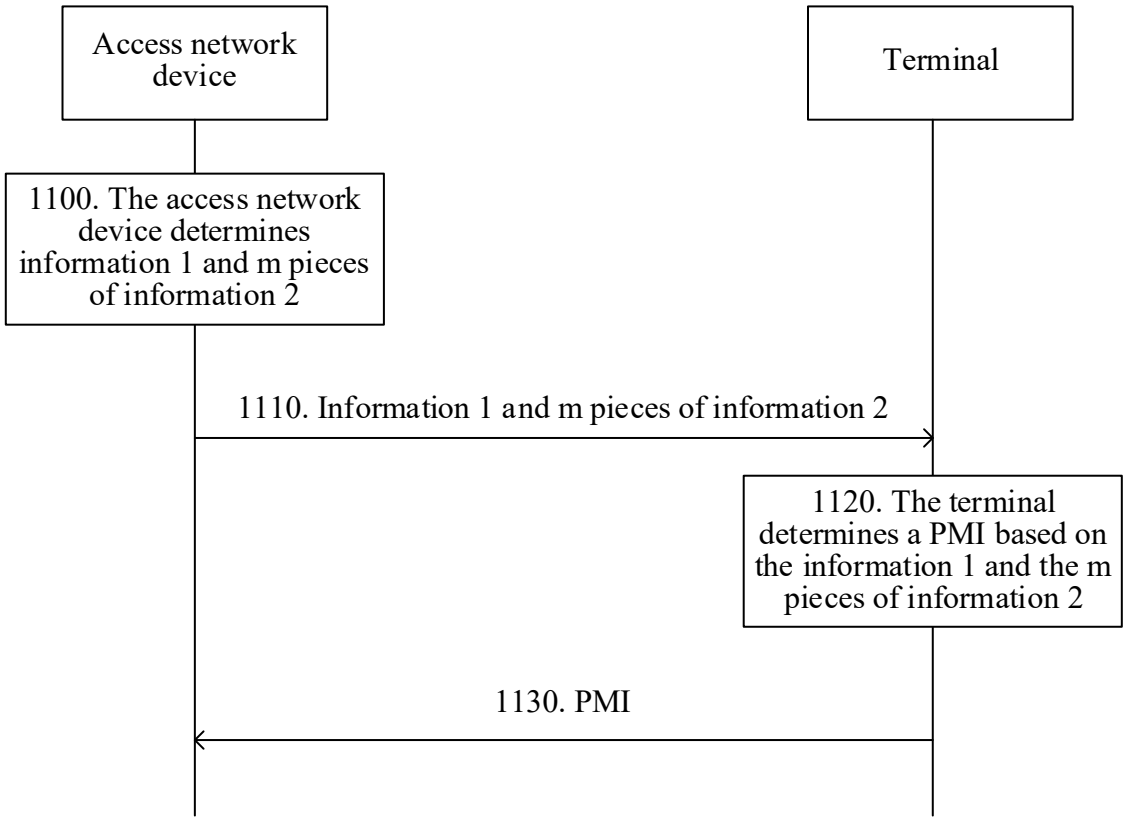

Access network device
Terminal
1100. The access network device determines information 1 and m pieces of information 2
1110. Information 1 and m pieces of information 2
1120. The terminal determines a PMI based on the information 1 and the m pieces of information 2
1130. PMI

FIG. 11

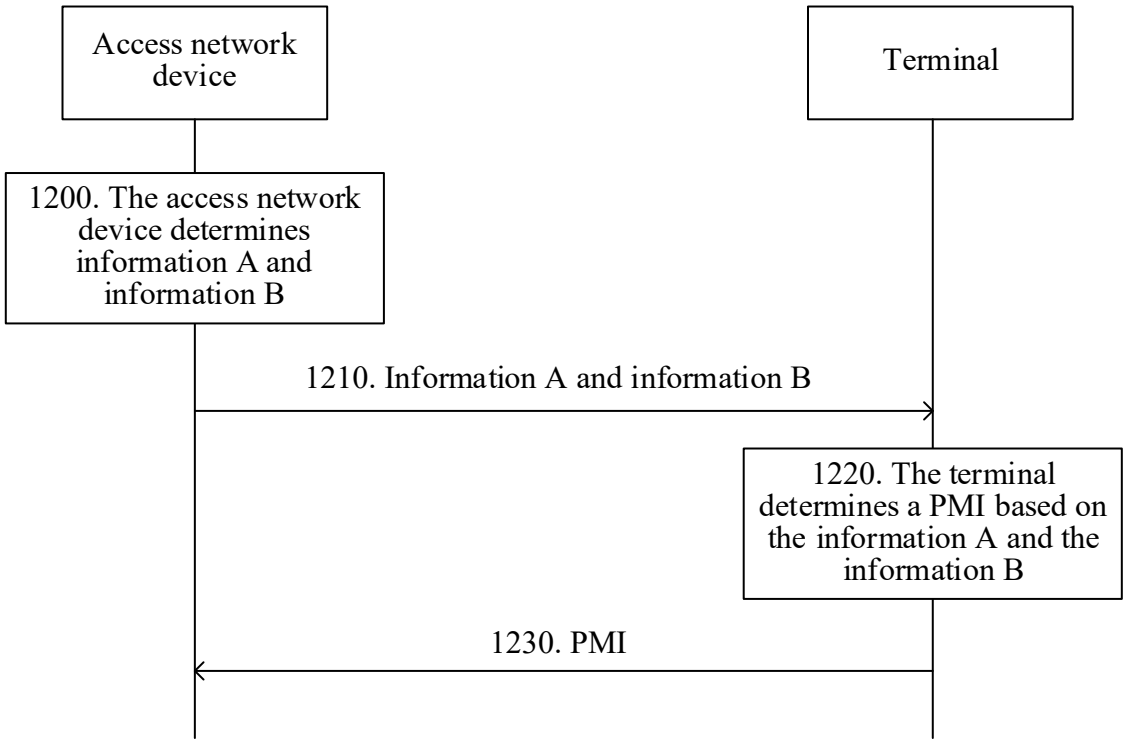


FIG. 12

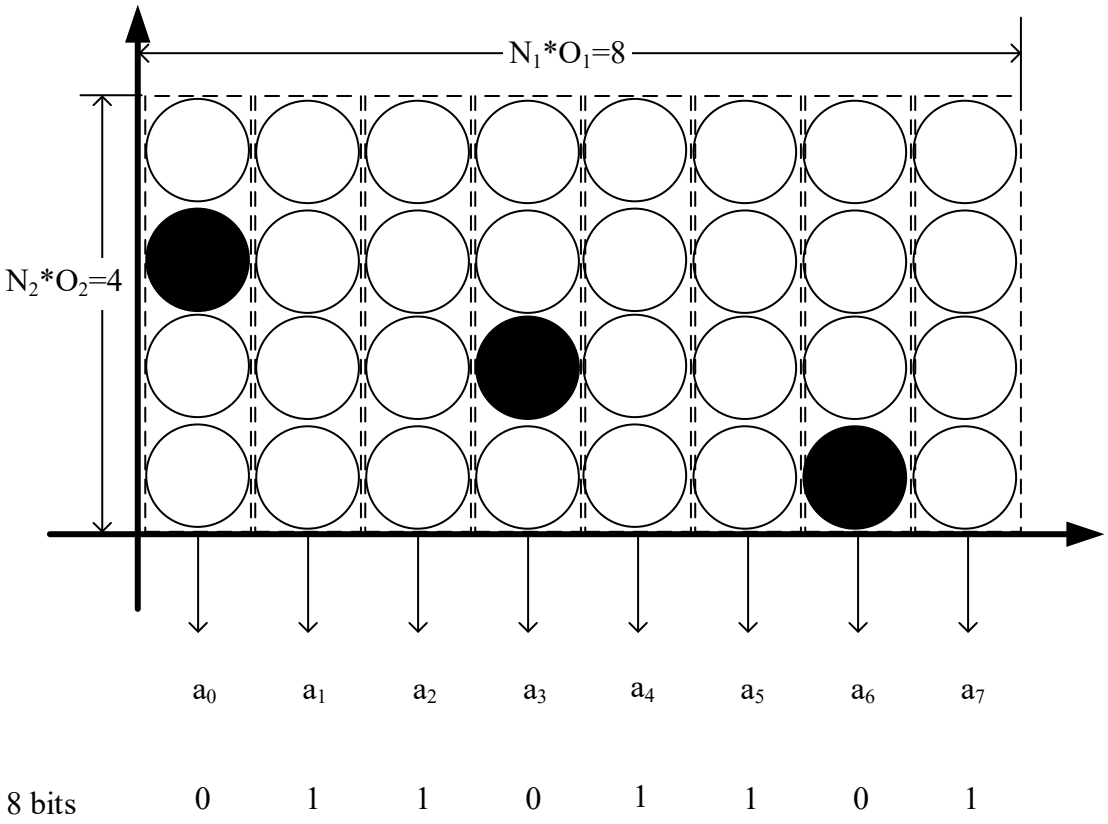


FIG. 13A

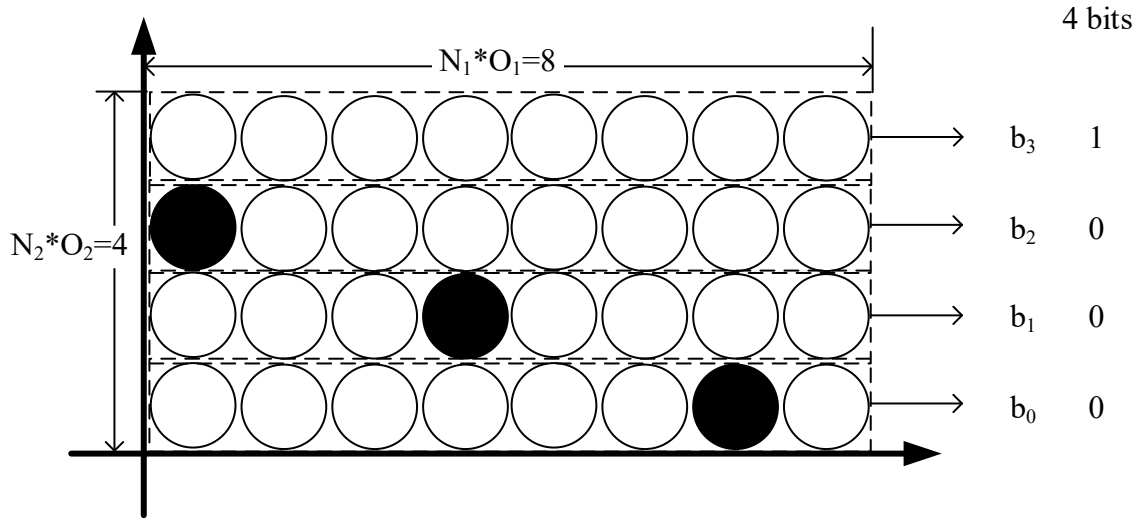


FIG. 13B

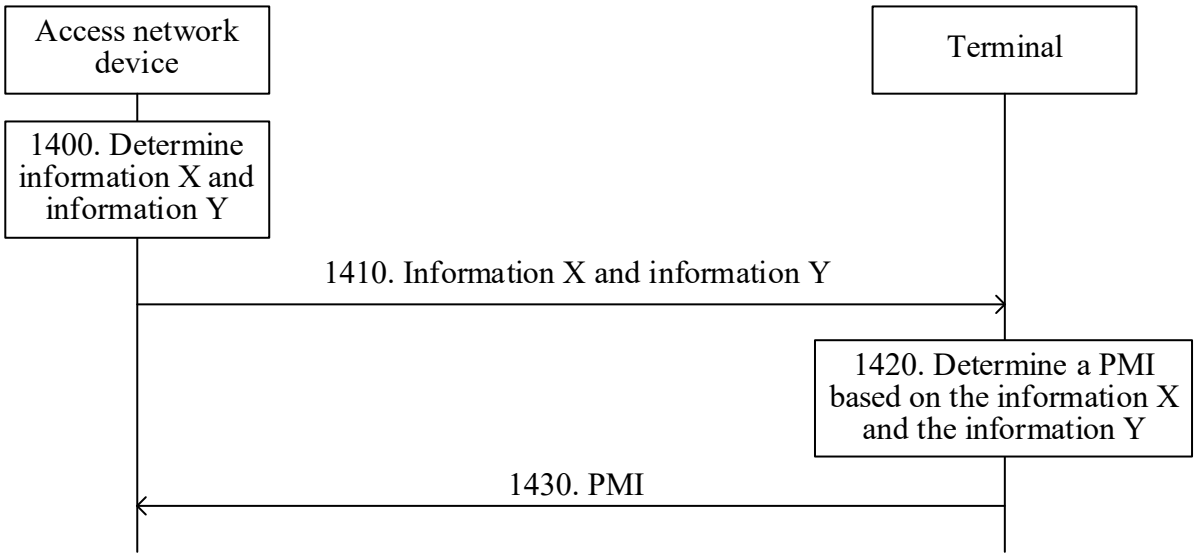


FIG. 14

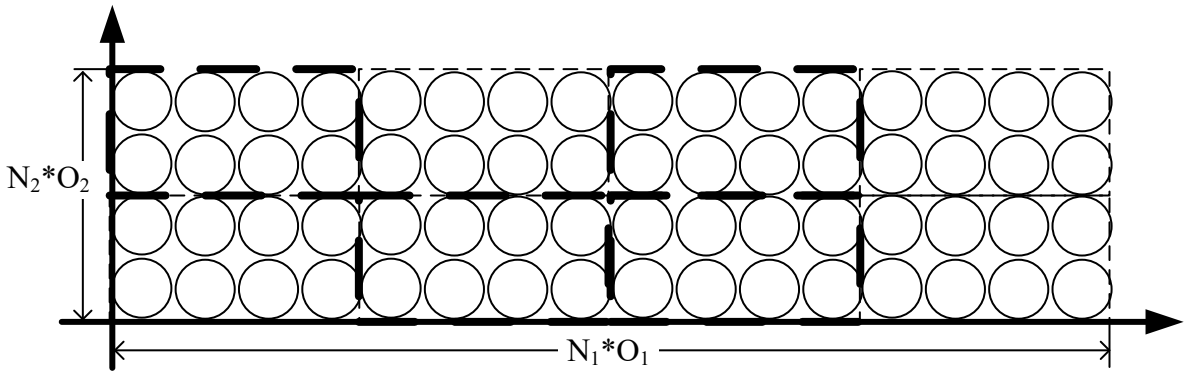


FIG. 15A

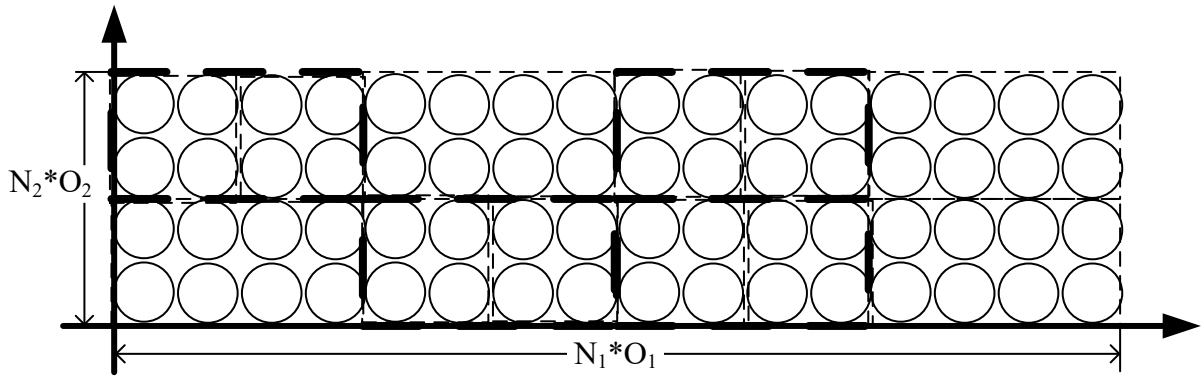


FIG. 15B

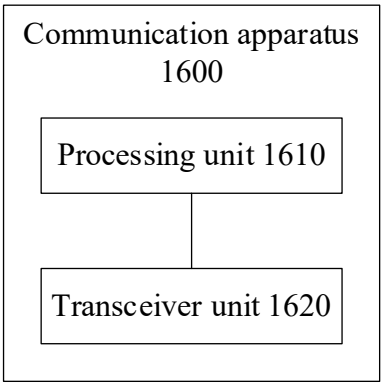


FIG. 16

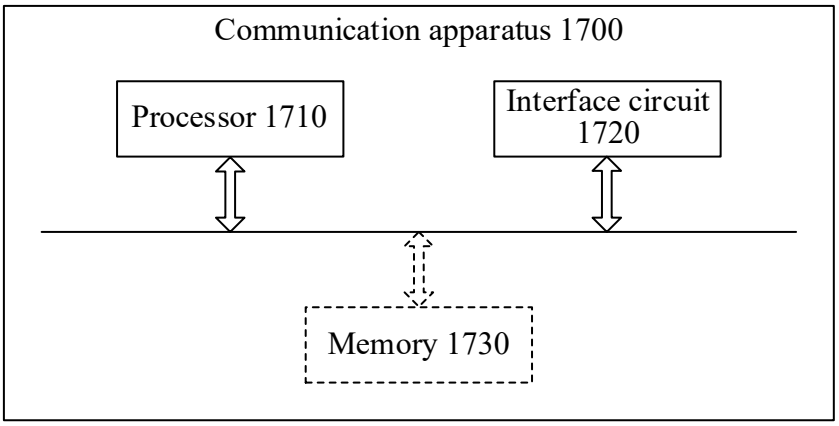


FIG. 17