

FIG.1

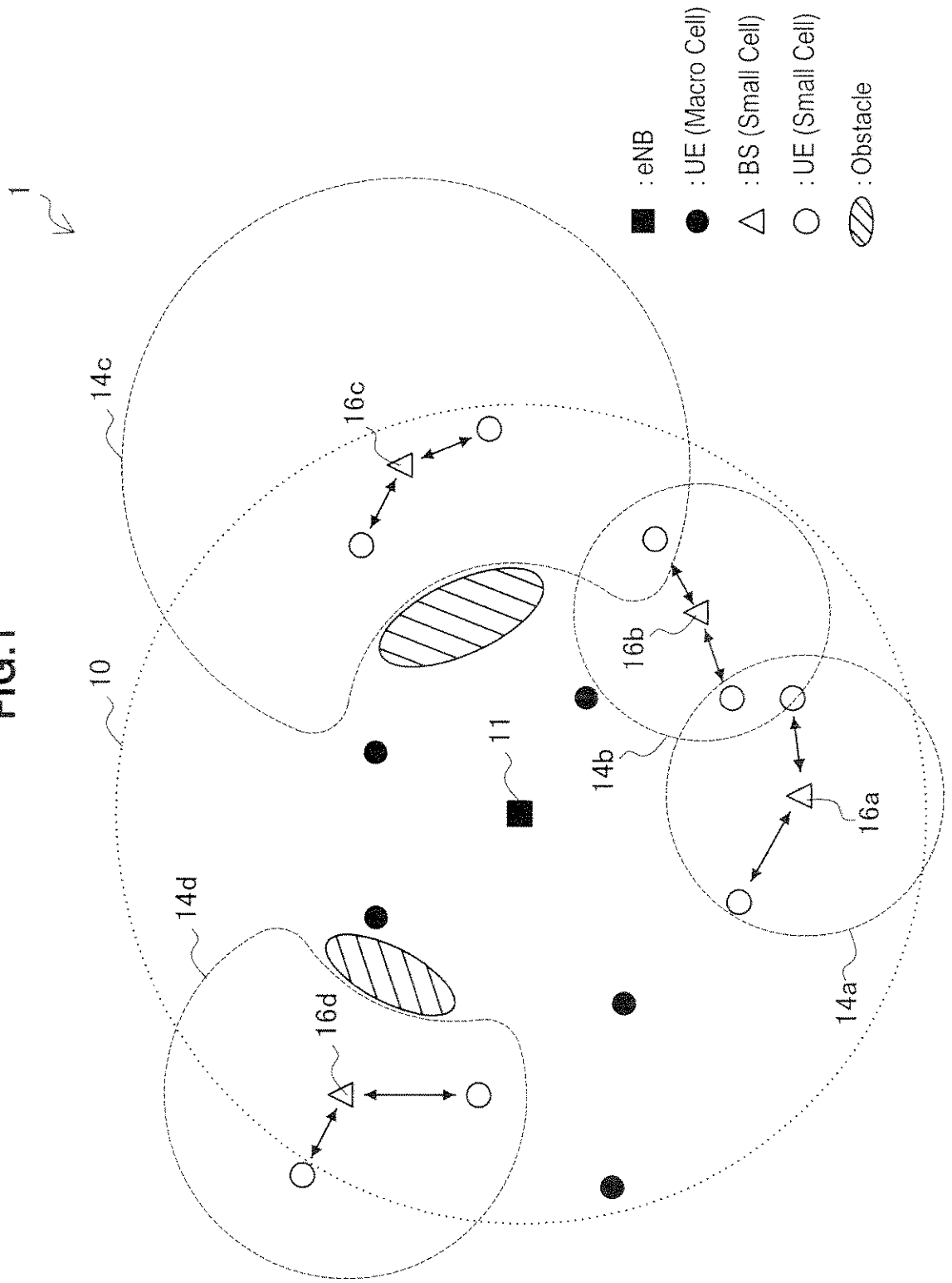
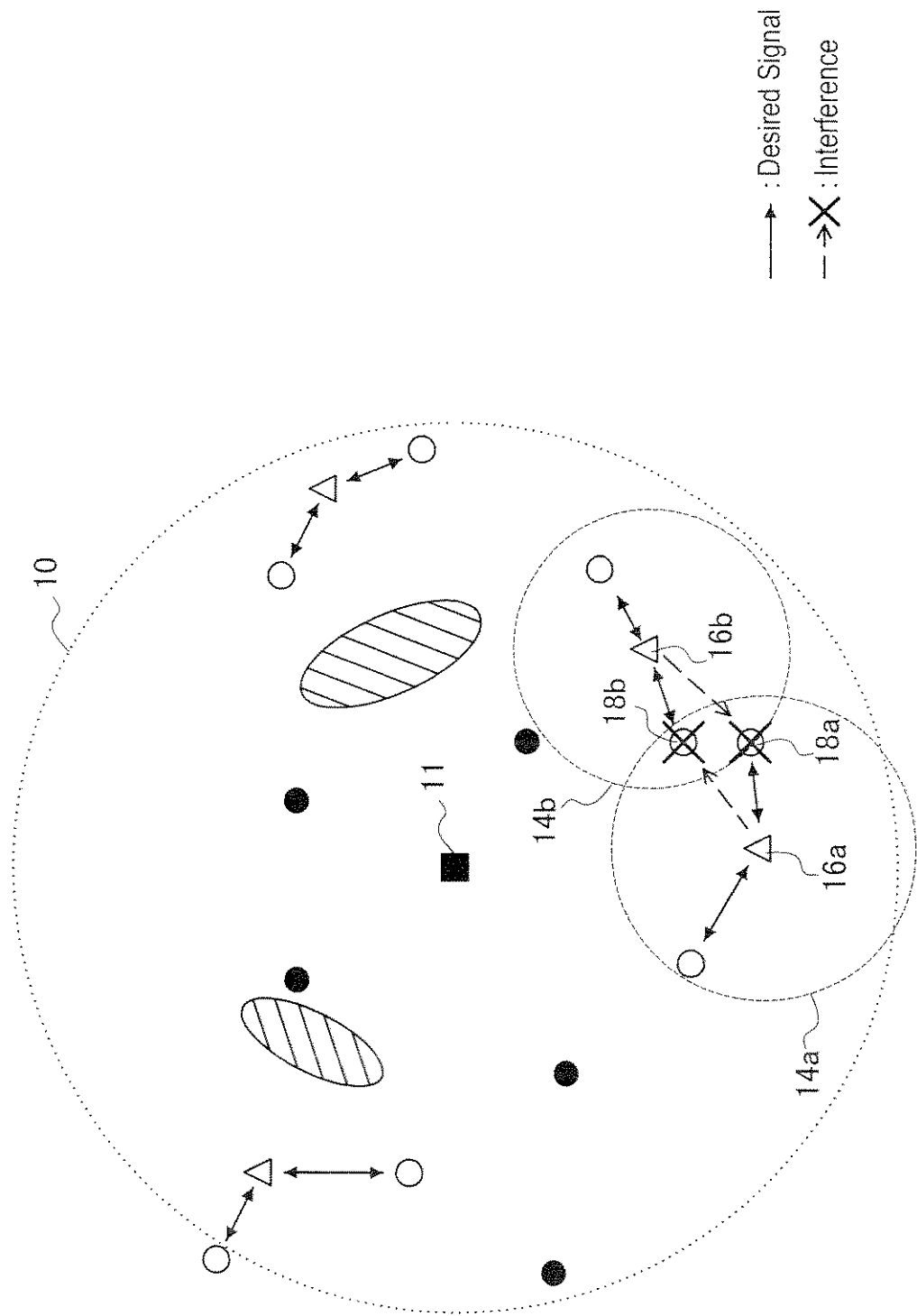
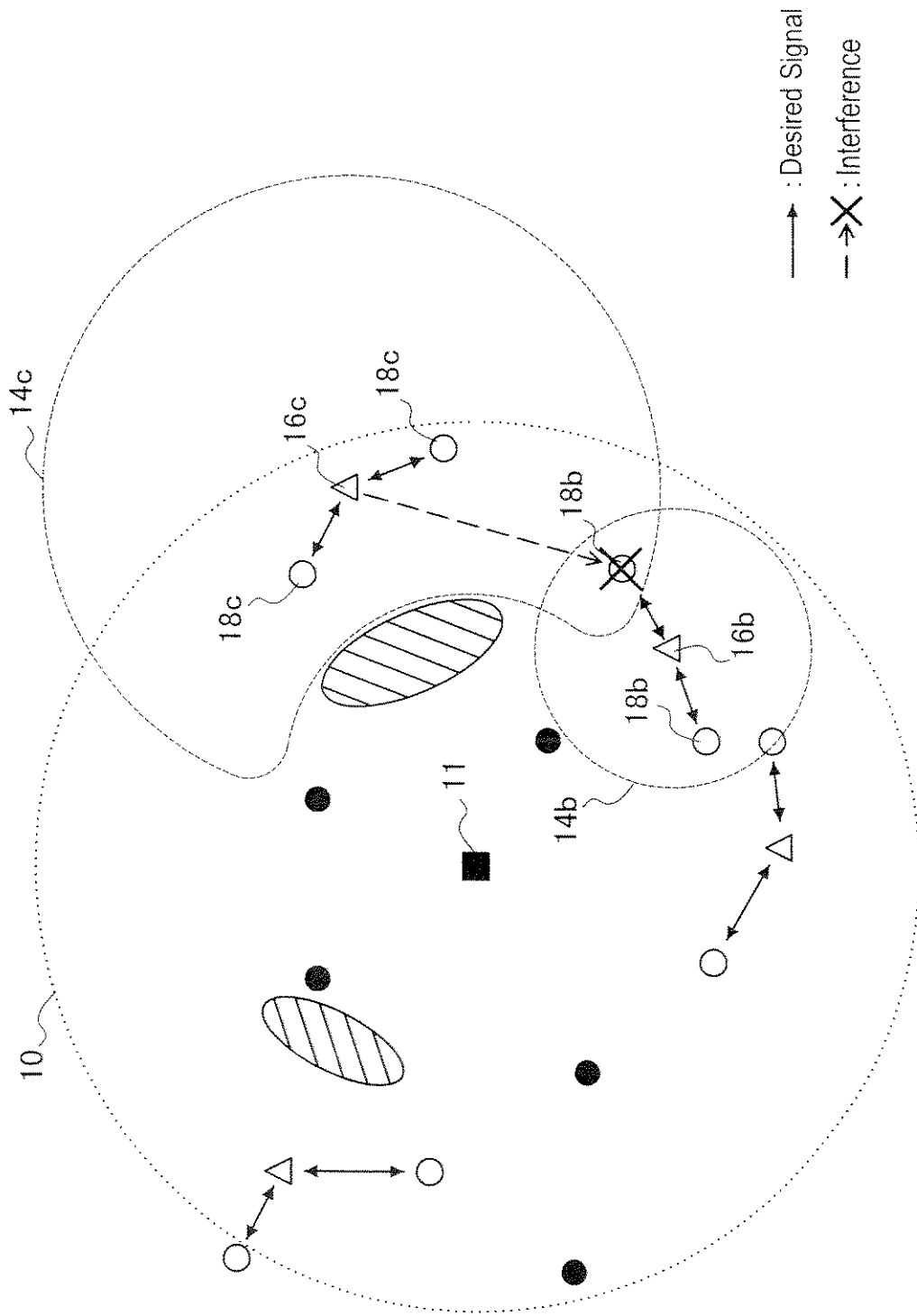


FIG.2A



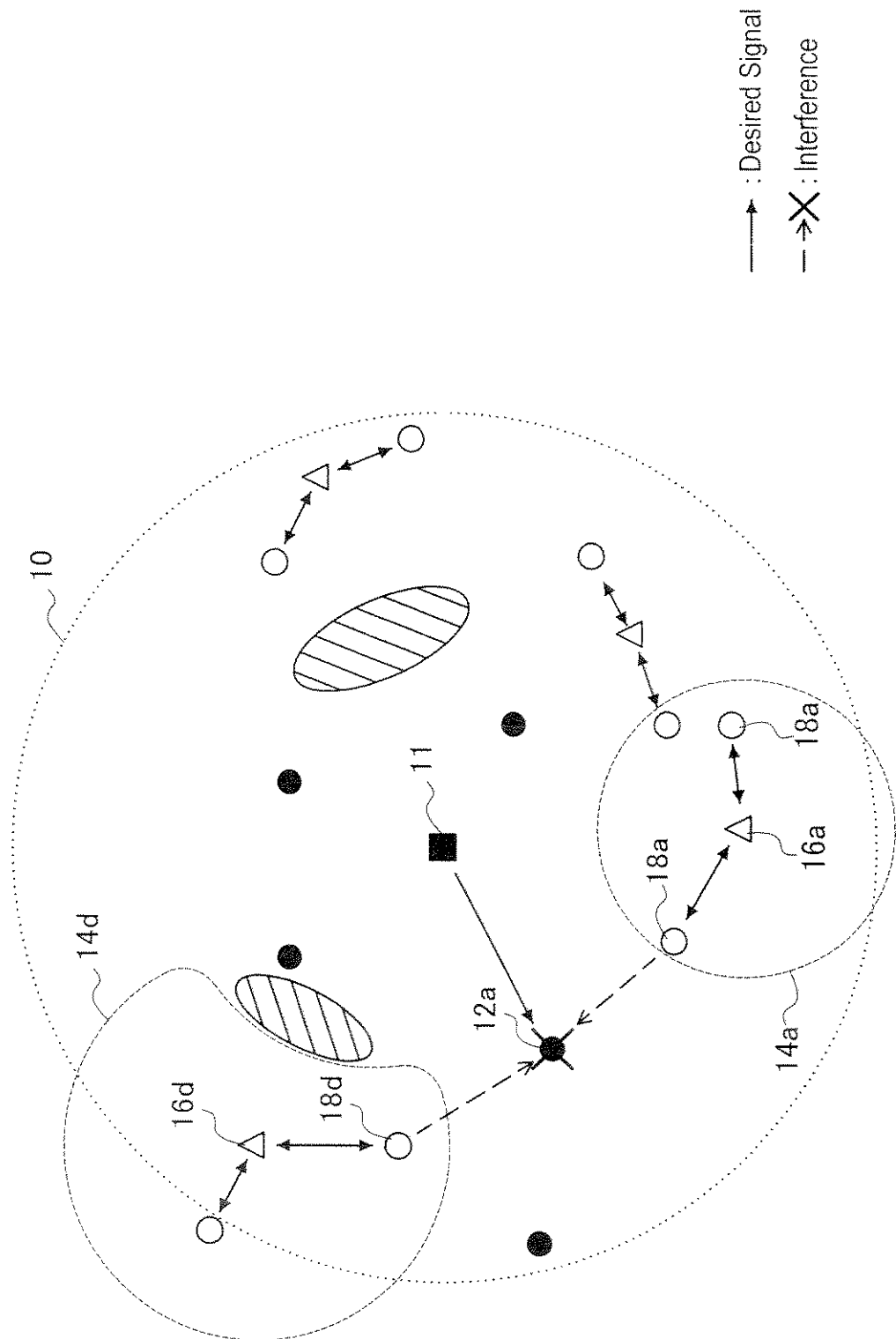
INTERFERENCE CASE A : BIDIRECTIONAL INTERFERENCE BETWEEN SMALL CELLS

FIG.2B



INTERFERENCE CASE B : UNIDIRECTIONAL INTERFERENCE BETWEEN SMALL CELLS

FIG. 2C



INTERFERENCE CASE C : CUMULATIVE INTERFERENCE ON MACRO CELL TERMINAL

FIG.3

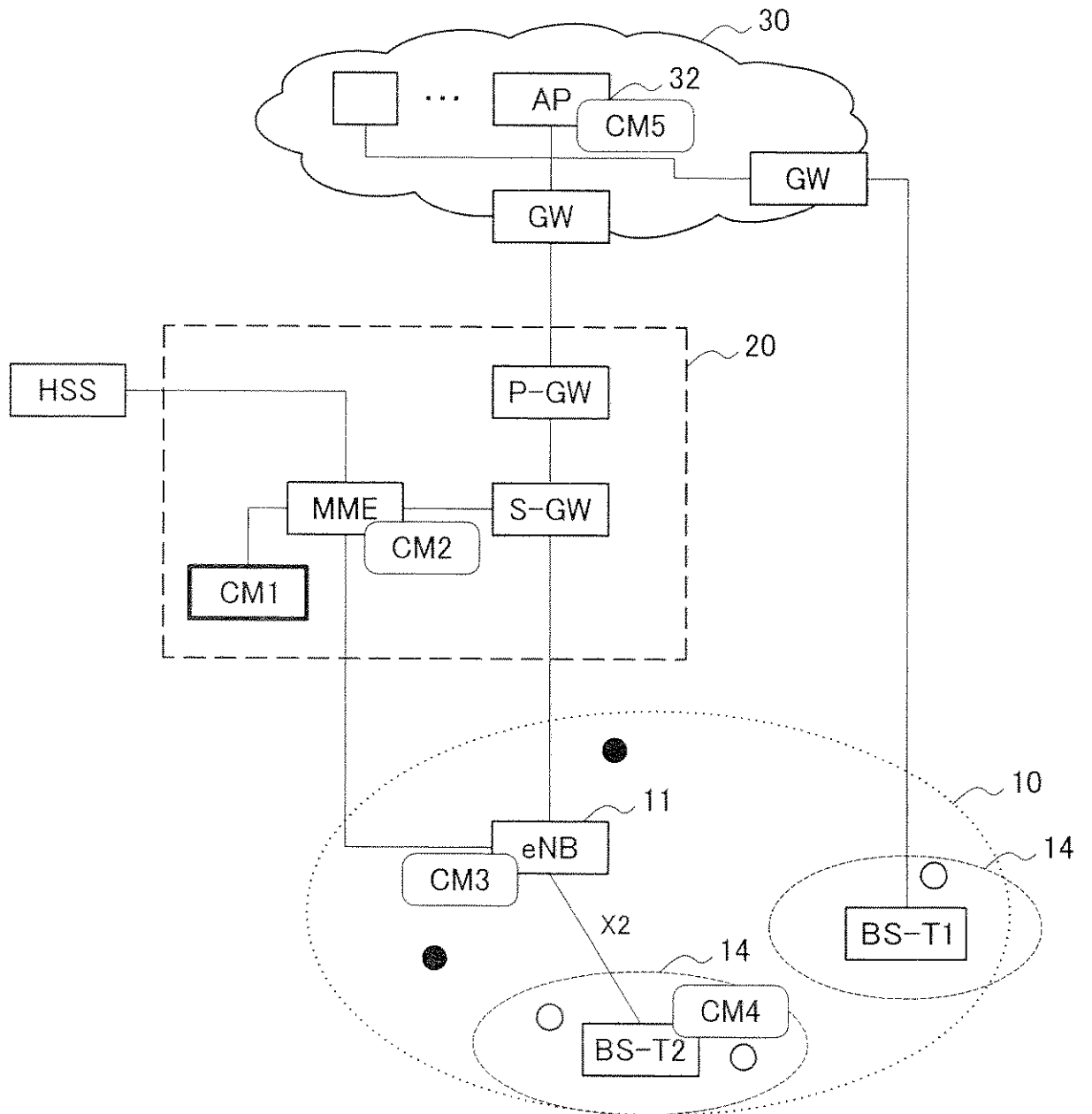


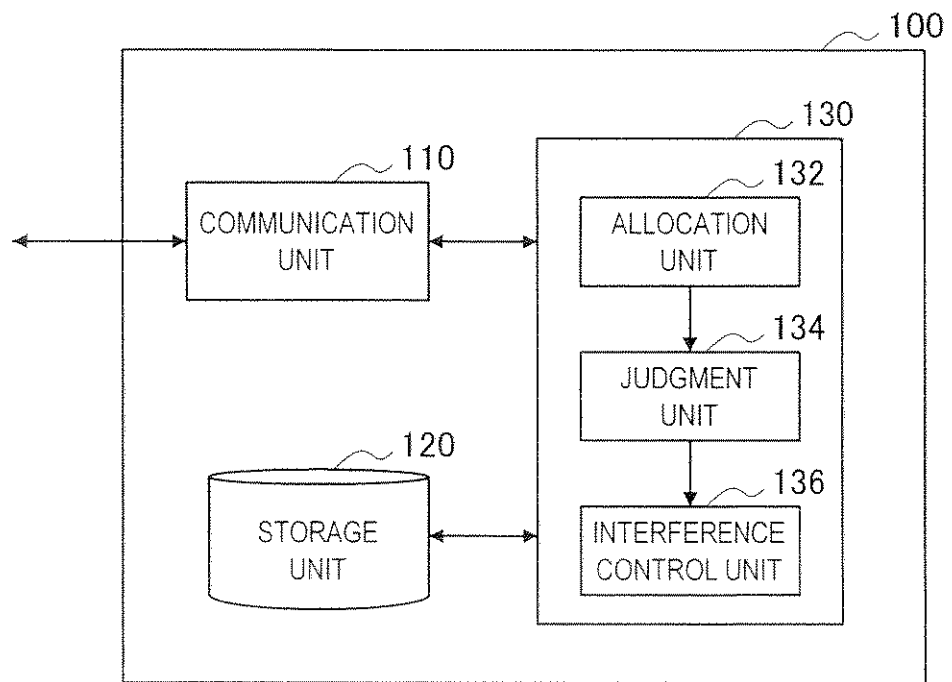
FIG.4

FIG.5A

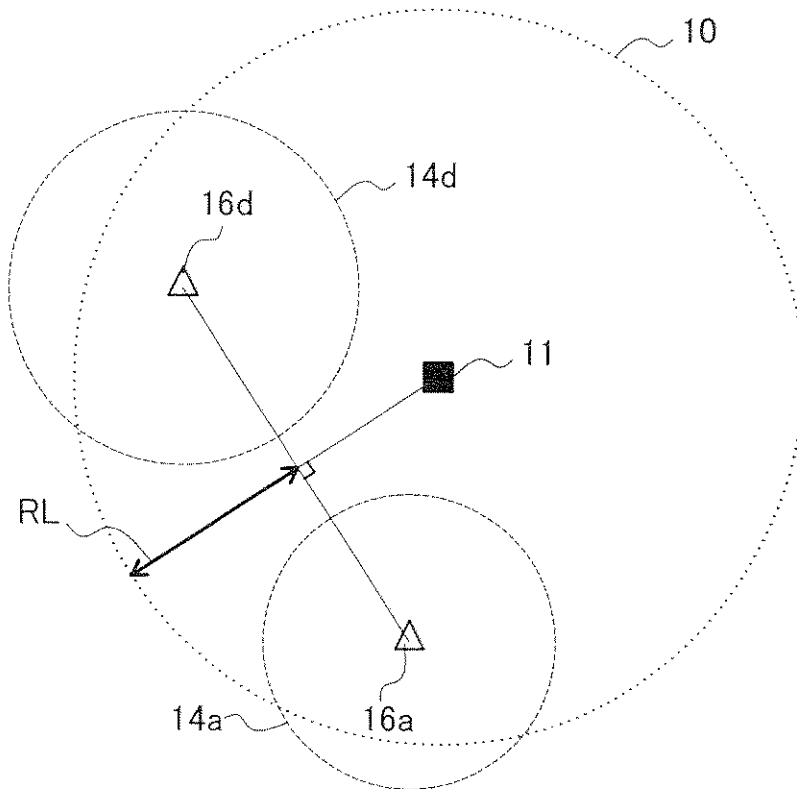


FIG.5B

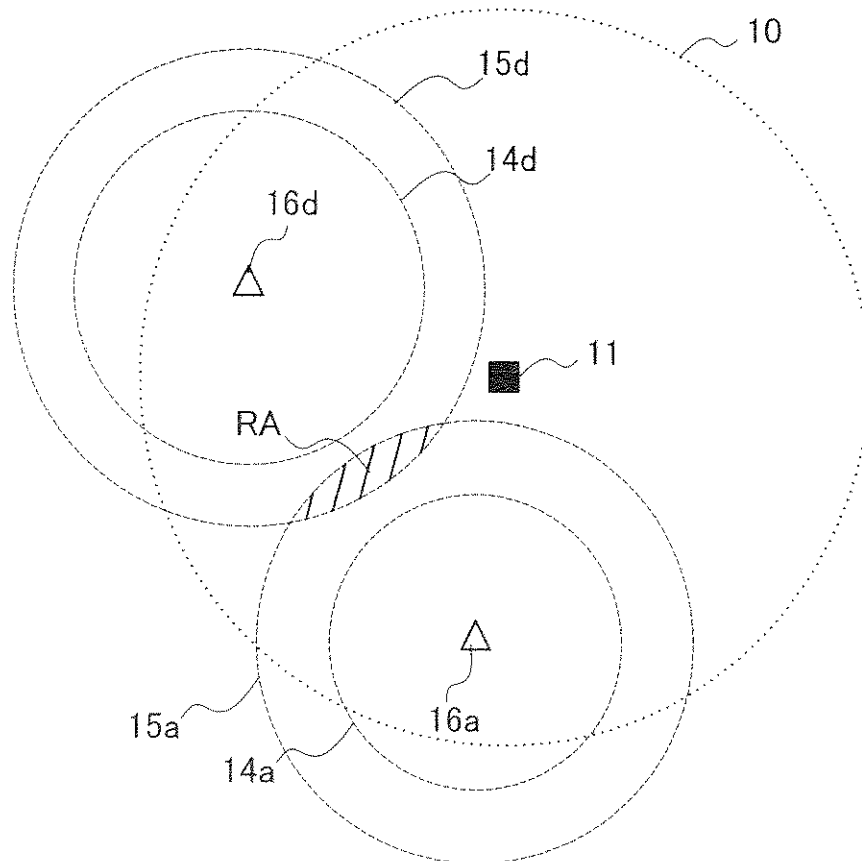


FIG.6

INTERFERENCE CASE	CLASSIFICATION CRITERIA	INTERFERENCE CONTROL SCHEME EXAMPLE
A	•RATIO OF RESOURCES WITH INTERFERENCE EXCEEDING ALLOWED LEVEL IS EQUAL TO OR GREATER THAN THRESHOLD VALUE •INTERFERENCE IS BIDIRECTIONAL	•ROUND-ROBIN RESOURCE DISTRIBUTION •PRIORITIZED RESOURCE DISTRIBUTION
B	•RATIO OF RESOURCES WITH INTERFERENCE EXCEEDING ALLOWED LEVEL IS EQUAL TO OR GREATER THAN THRESHOLD VALUE •INTERFERENCE IS UNIDIRECTIONAL	•DECREASE POWER ON INTERFERING SIDE •LIMIT SCHEDULING
C	•CUMULATIVE INTERFERENCE EXCEEDING ALLOWED LEVEL ON MACRO CELL IS PRODUCED	•INCREASE INTERFERENCE IMMUNITY OF MACRO CELL SIGNAL •LIMIT SCHEDULING ON INTERFERING SIDE

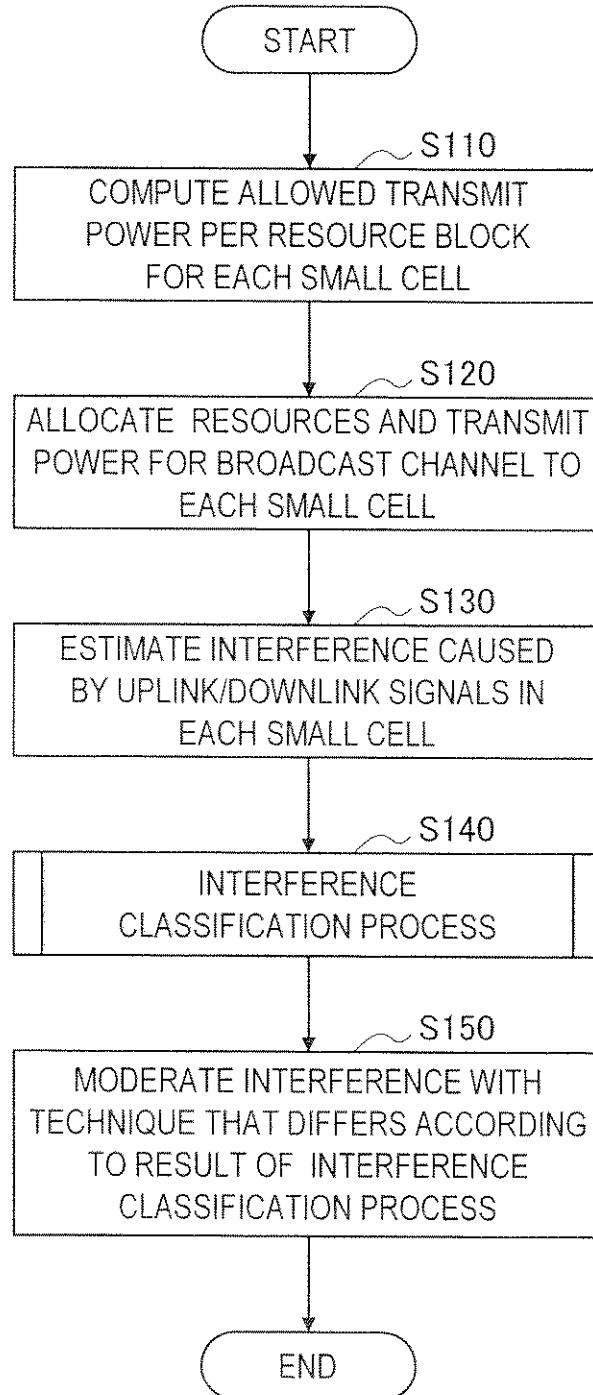
FIG.7

FIG.8

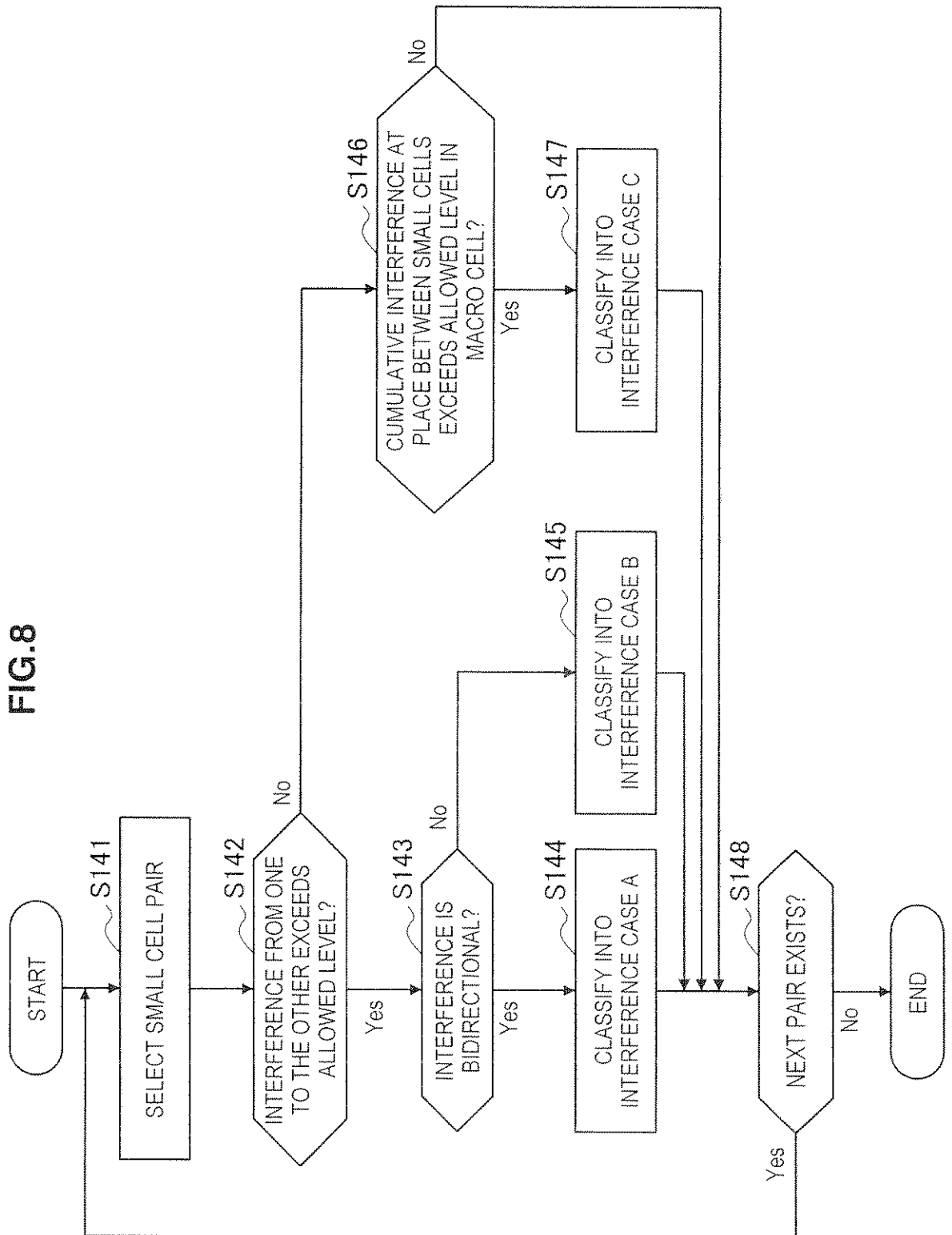


FIG.9

