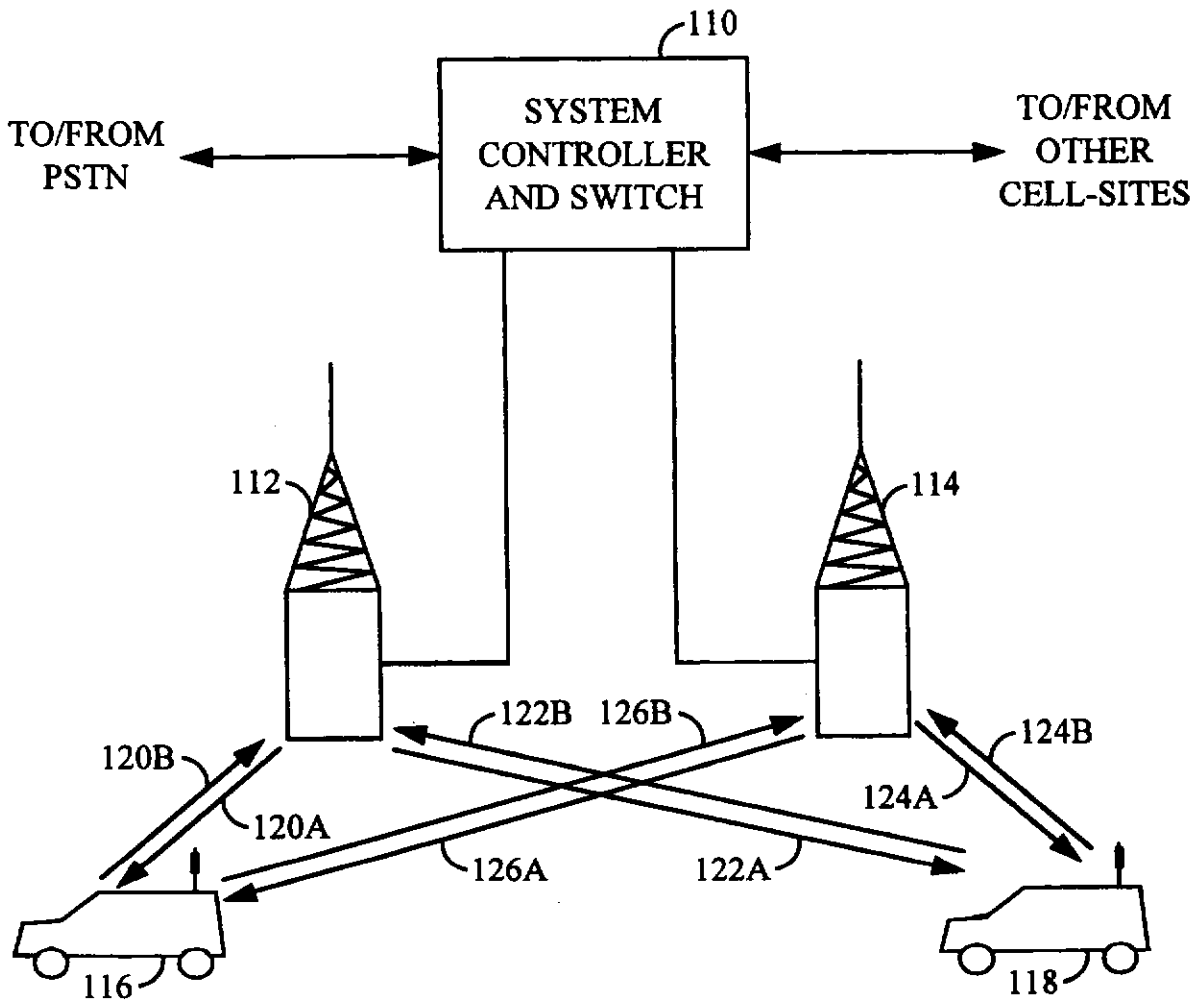

110
SYSTEM CONTROLLER AND SWITCH
TO/FROM PSTN
TO/FROM OTHER CELL-SITES
112
114
122B
126B
120B
120A
124B
124A
126A
122A
116
118

FIG. 1

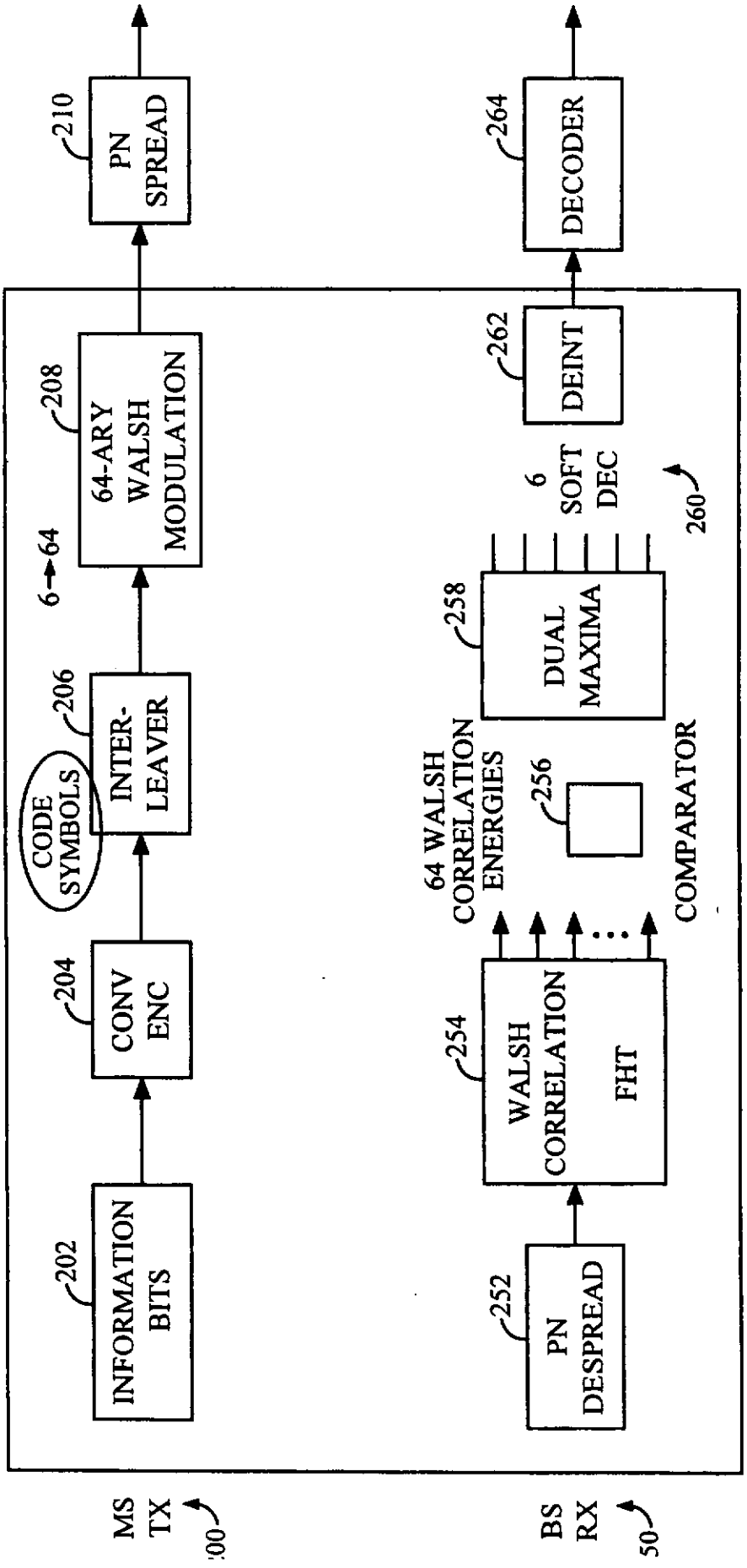

MS TX 100
BS RX 50
INFORMATION BITS 202
CONV ENC 204
CODE SYMBOLS
INTER-LEAVER 206
6→64
64-ARY WALSH MODULATION 208
PN SPREAD 210
PN DESPREAD 252
WALSH CORRELATION FHT 254
64 WALSH CORRELATION ENERGIES
256
DUAL MAXIMA 258
COMPARATOR
6 SOFT DEC 260
DEINT 262
DECODER 264

FIG. 2

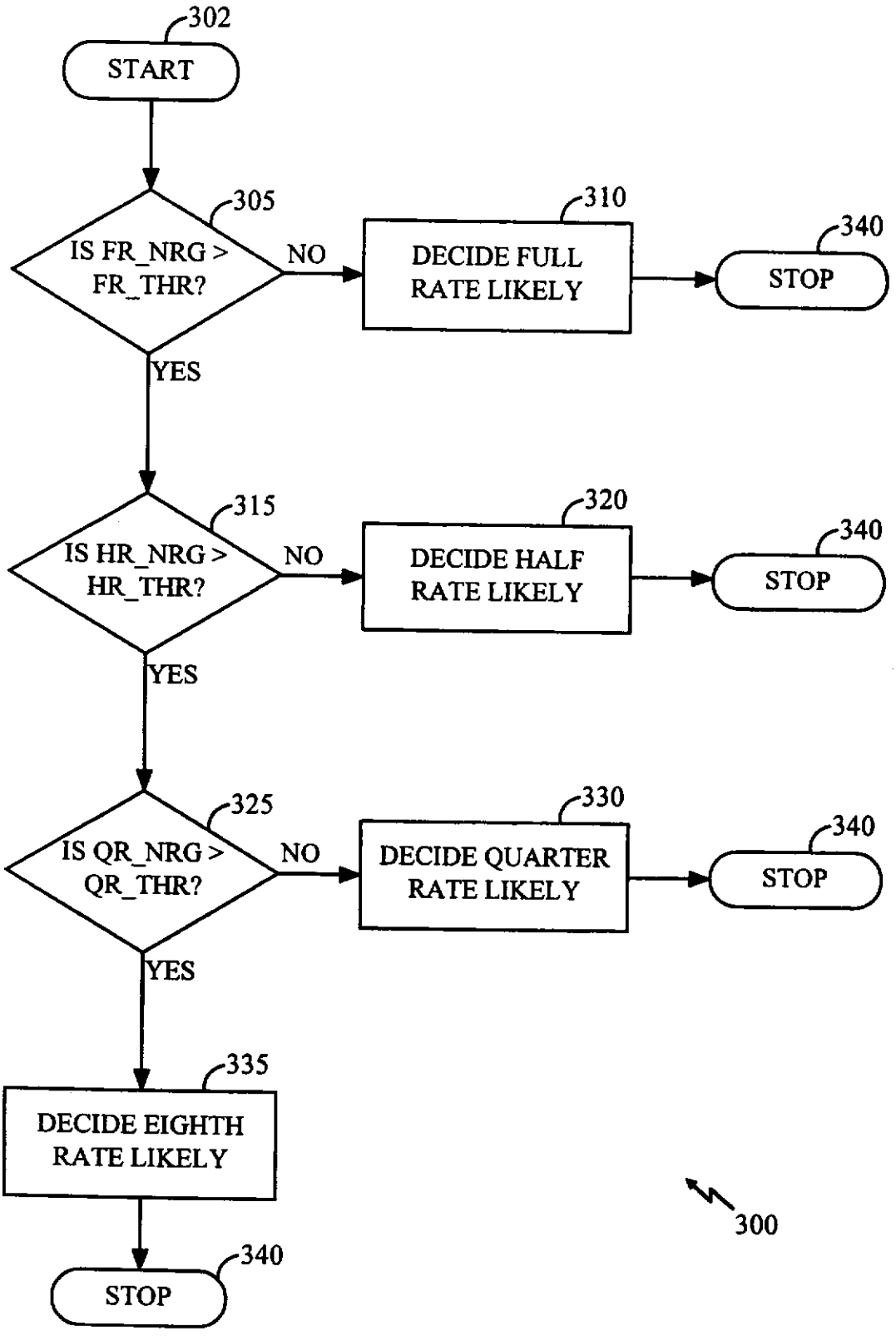

302
START
305
IS FR_NRG > FR_THR?
NO
310
DECIDE FULL RATE LIKELY
340
STOP
YES
315
IS HR_NRG > HR_THR?
NO
320
DECIDE HALF RATE LIKELY
340
STOP
YES
325
IS QR_NRG > QR_THR?
NO
330
DECIDE QUARTER RATE LIKELY
340
STOP
YES
335
DECIDE EIGHTH RATE LIKELY
340
STOP
300

FIG. 3

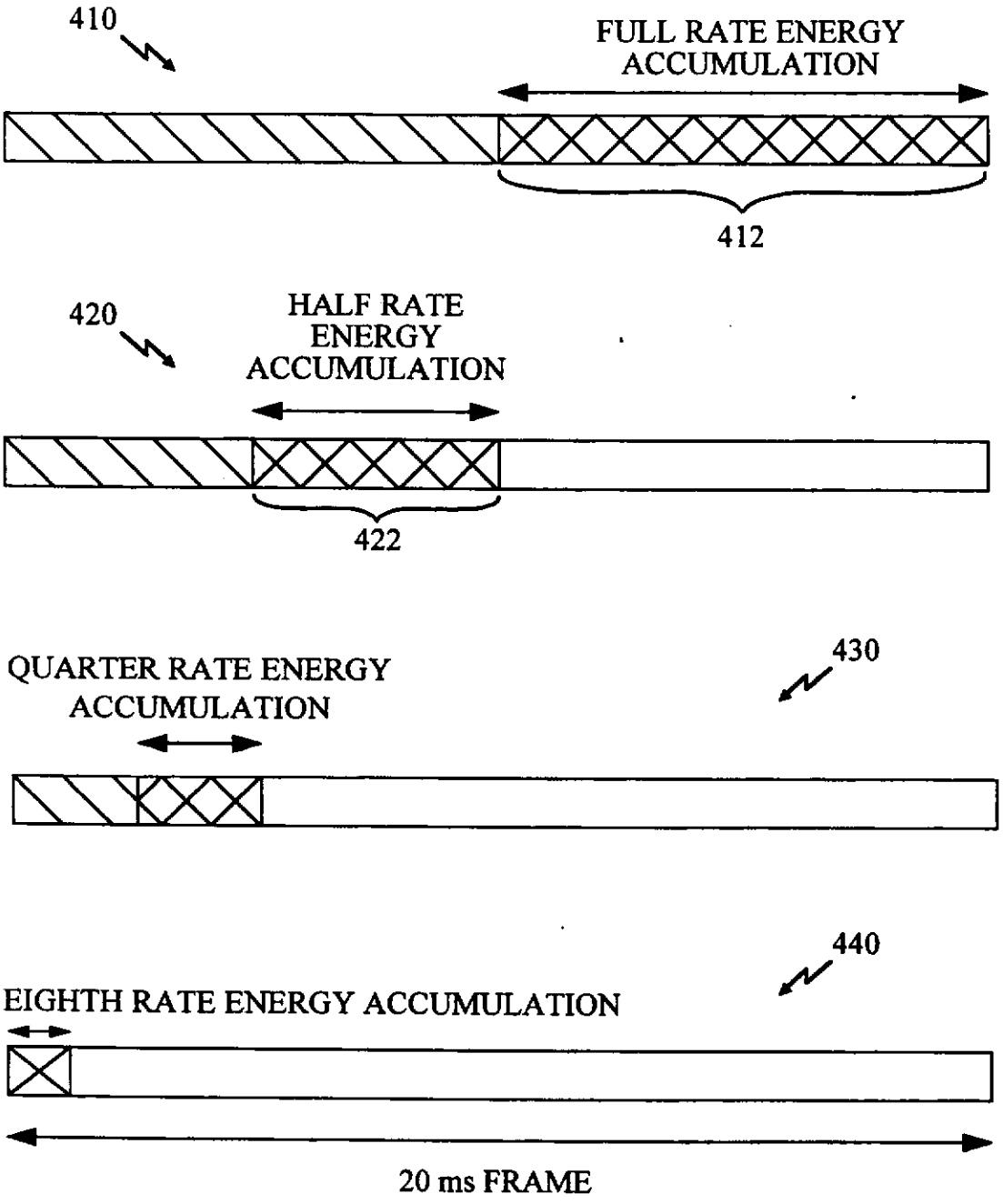

410
FULL RATE ENERGY ACCUMULATION
412
420
HALF RATE ENERGY ACCUMULATION
422
QUARTER RATE ENERGY ACCUMULATION
430
440
EIGHTH RATE ENERGY ACCUMULATION
20 ms FRAME

FIG. 4