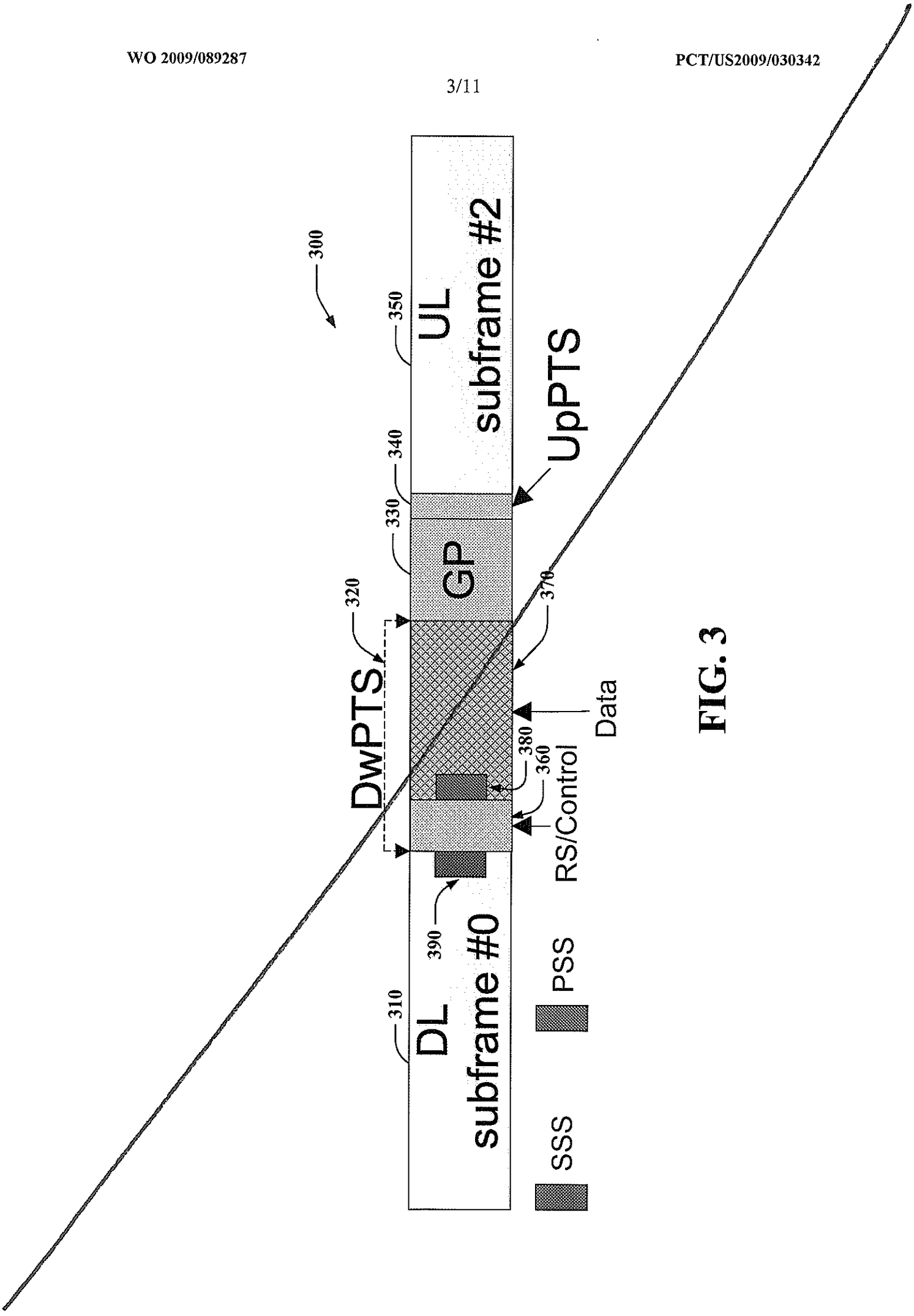

300
350
UL
subframe #2
340
UpPTS
330
GP
320
DwPTS
370
Data
380
360
RS/Control
390
310
DL
subframe #0
PSS
SSS

FIG. 3

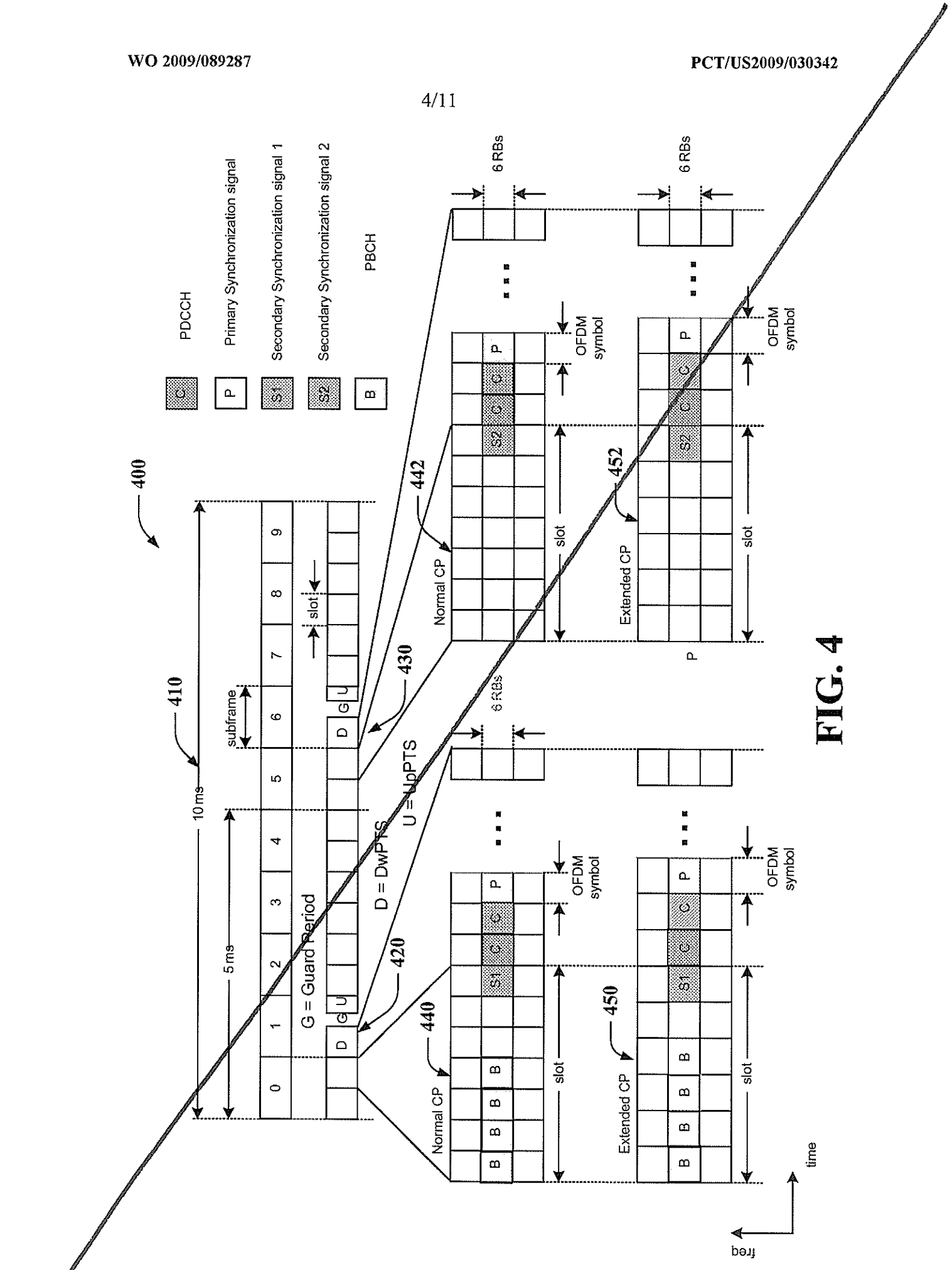

400
410
10 ms
5 ms
subframe
slot
0
1
2
3
4
5
6
7
8
9
G = Guard Period
D = DwPTS
U = UpPTS
D
G
U
420
430
440
442
450
452
PDCCH
Primary Synchronization signal
Secondary Synchronization signal 1
Secondary Synchronization signal 2
PBCH
C
P
S1
S2
B
6 RBs
OFDM symbol
Normal CP
Extended CP
time
freq

FIG. 4

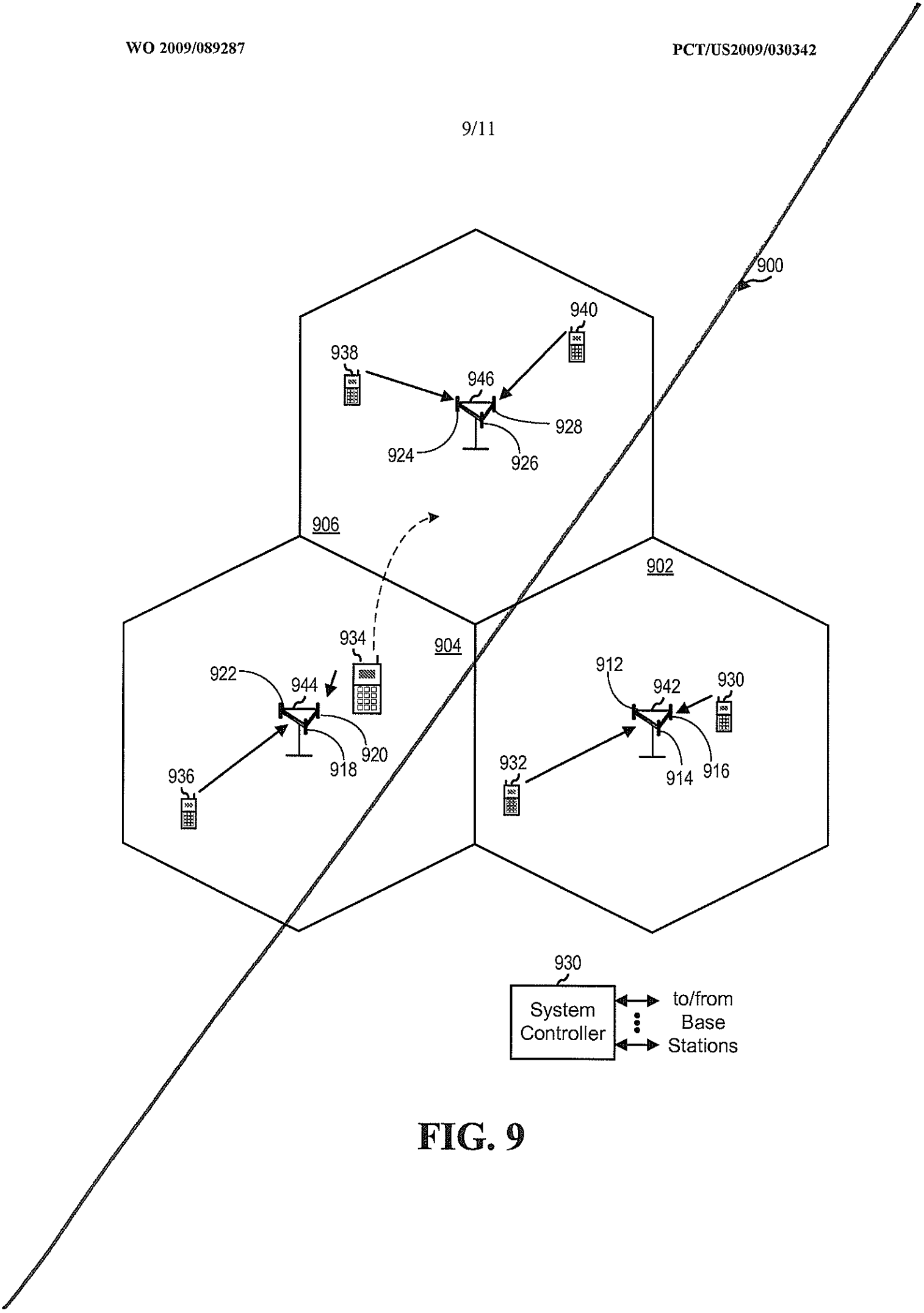

900
940
938
946
928
924
926
906
902
904
934
922
944
920
918
936
912
942
930
932
914
916
930
System Controller
to/from Base Stations

FIG. 9

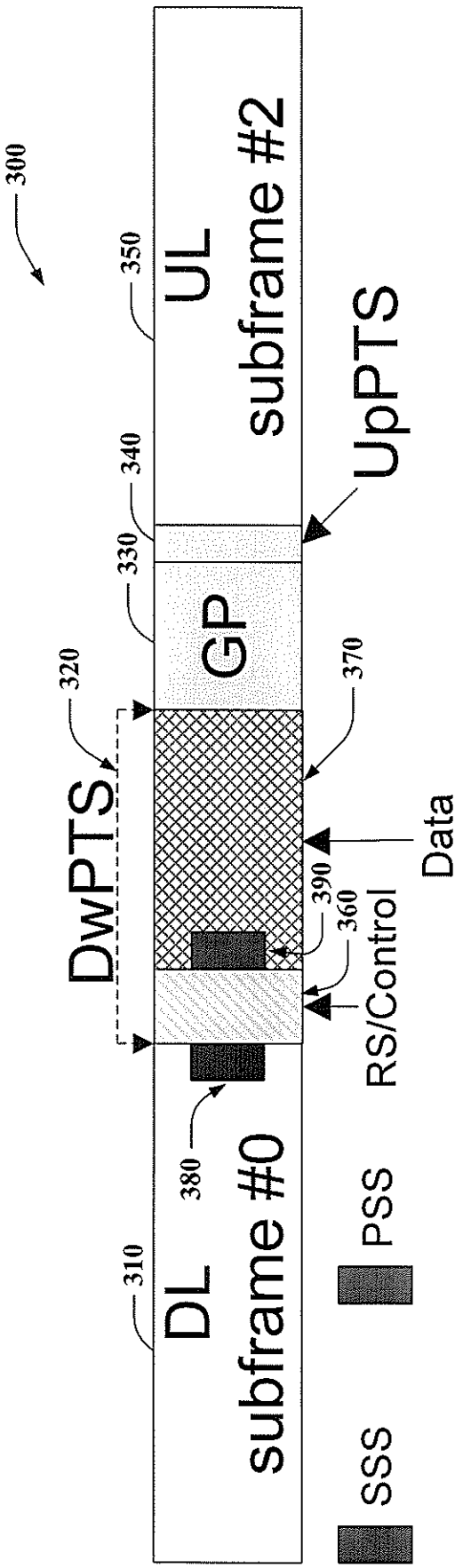

300
310
DL
subframe #0
380
320
DwPTS
330
GP
340
UpPTS
350
UL
subframe #2
370
390
360
RS/Control
Data
PSS
SSS

FIG. 3

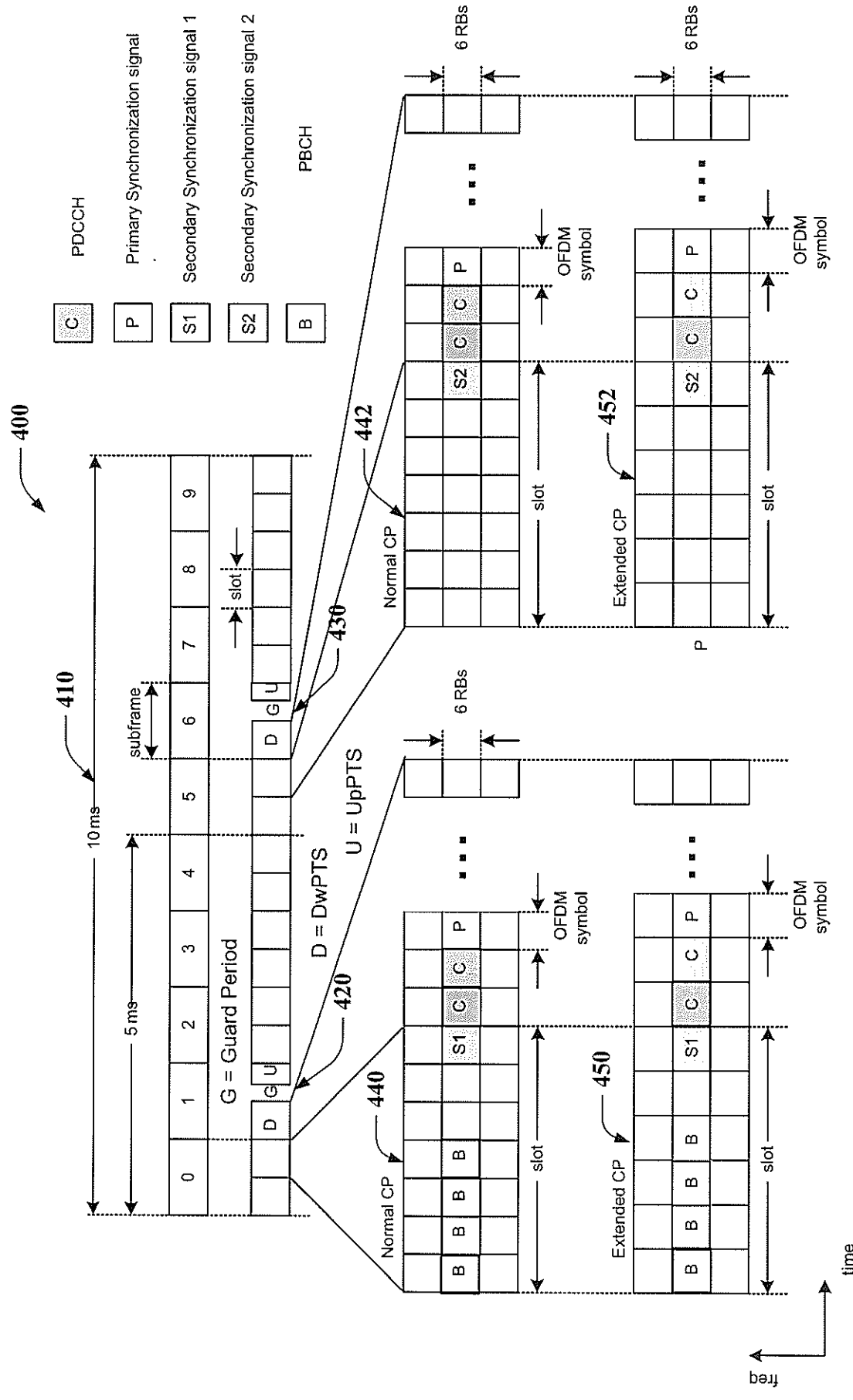

400
410
10 ms
5 ms
subframe
slot
0
1
2
3
4
5
6
7
8
9
D
G
U
G = Guard Period
D = DwPTS
U = UpPTS
420
430
442
440
450
452
PDCCH
Primary Synchronization signal
Secondary Synchronization signal 1
Secondary Synchronization signal 2
PBCH
C
P
S1
S2
B
Normal CP
Extended CP
6 RBs
OFDM symbol
slot
time
freq

FIG. 4

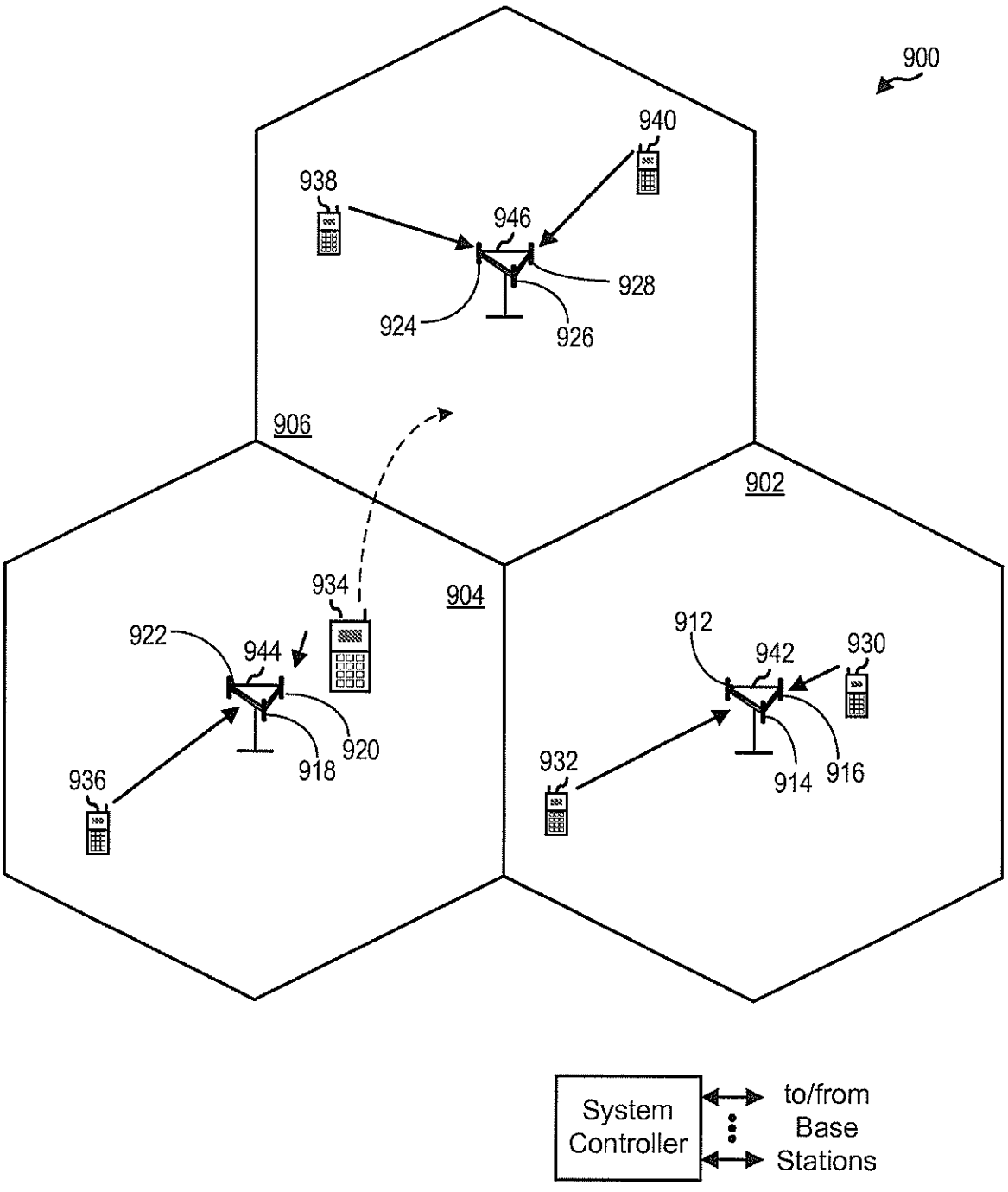

900
940
938
946
928
924
926
906
902
904
934
922
944
920
918
936
912
942
930
932
914
916
System Controller
to/from Base Stations

FIG. 9