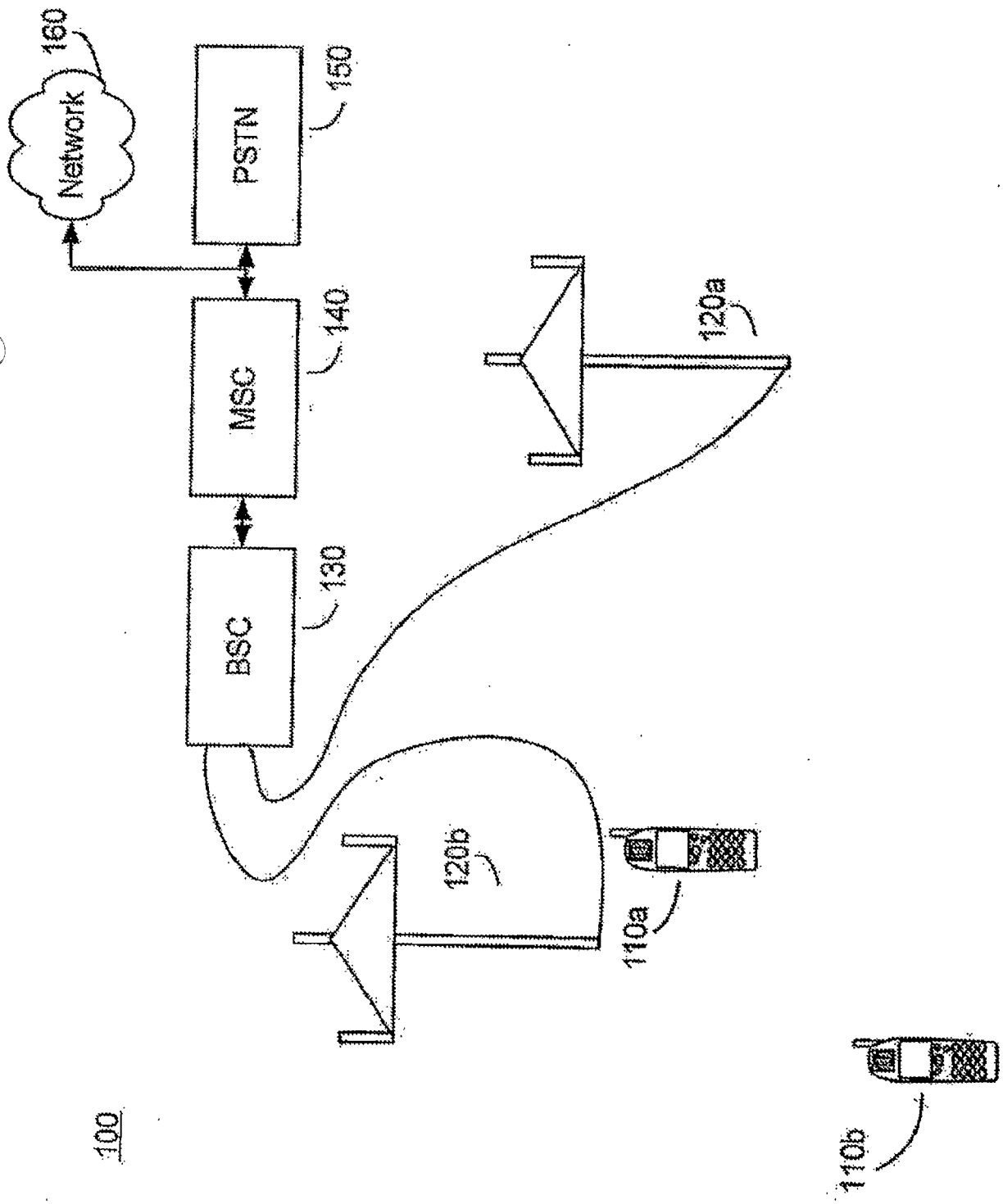

FIG..1

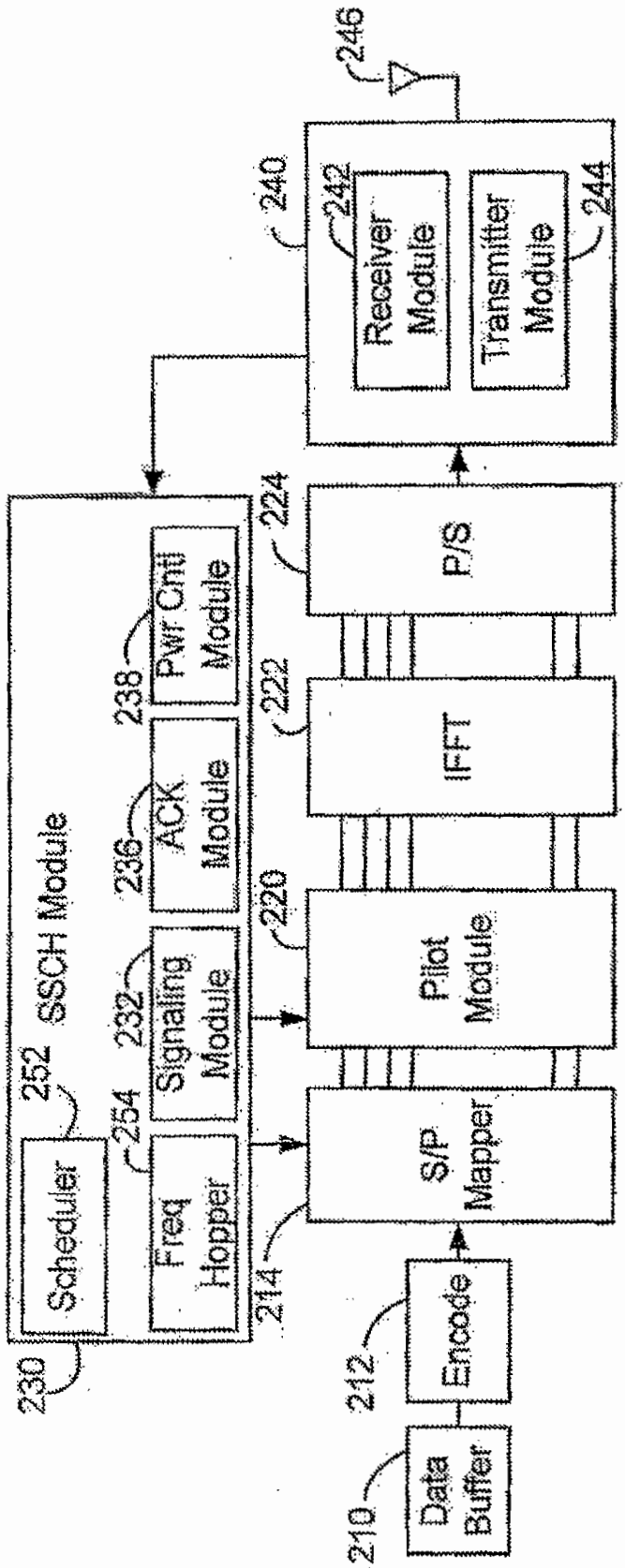
200
210
Data Buffer
212
Encode
214
S/P Mapper
220
Pilot Module
222
IFFT
224
P/S
230
SSCH Module
252
Scheduler
254
Freq Hopper
232
Signaling Module
236
ACK Module
238
Pwr Cntl Module
240
242
Receiver Module
244
Transmitter Module
246

FIG..2

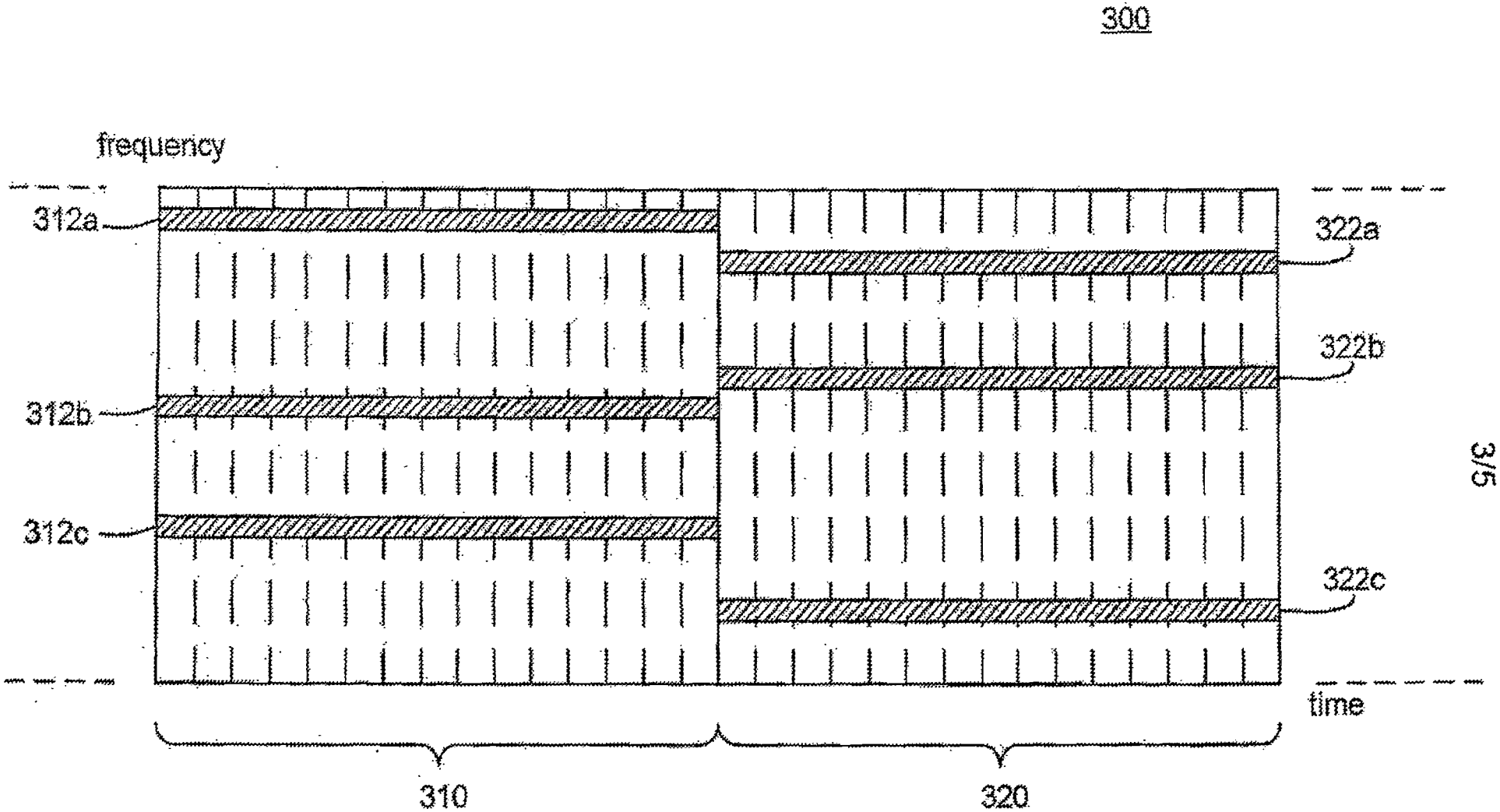

FIG. 3

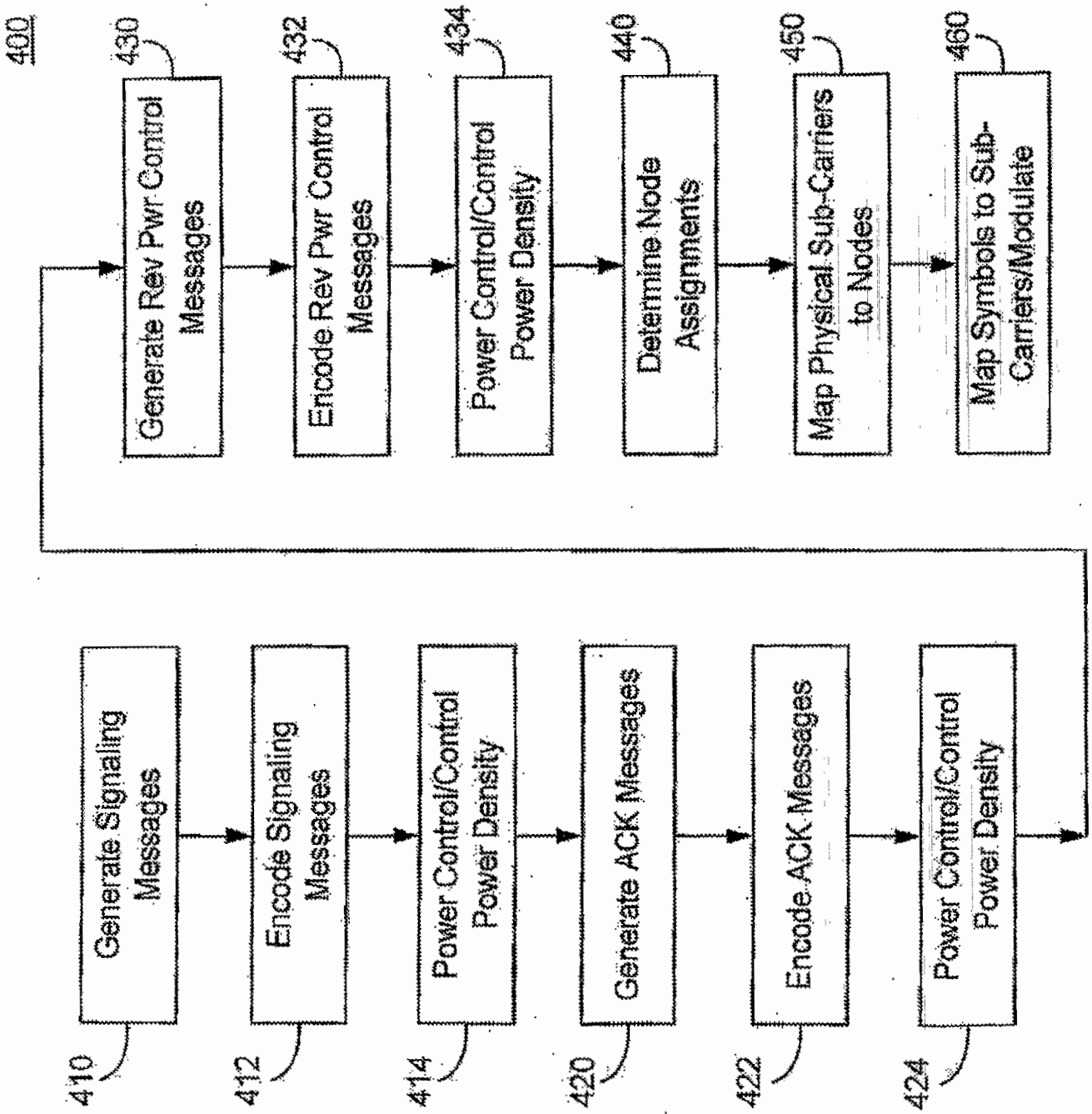
400
Generate Signaling Messages
410
Encode Signaling Messages
412
Power Control/Control Power Density
414
Generate ACK Messages
420
Encode ACK Messages
422
Power Control/Control Power Density
424
Generate Rev Pwr Control Messages
430
Encode Rev Pwr Control Messages
432
Power Control/Control Power Density
434
Determine Node Assignments
440
Map Physical Sub-Carriers to Nodes
450
Map Symbols to Sub-Carriers/Modulate
460

FIG. 4

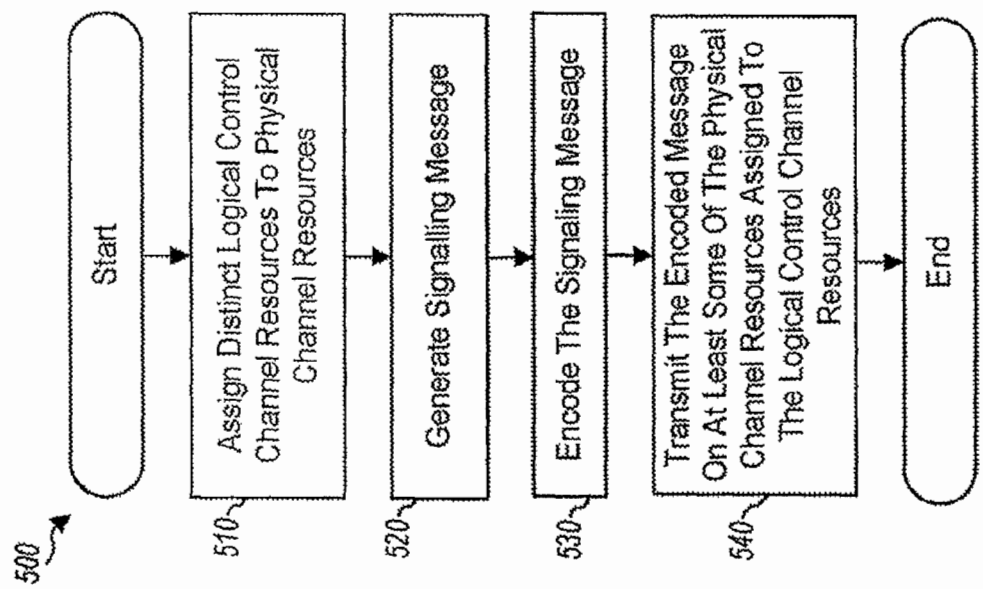

Figure 5

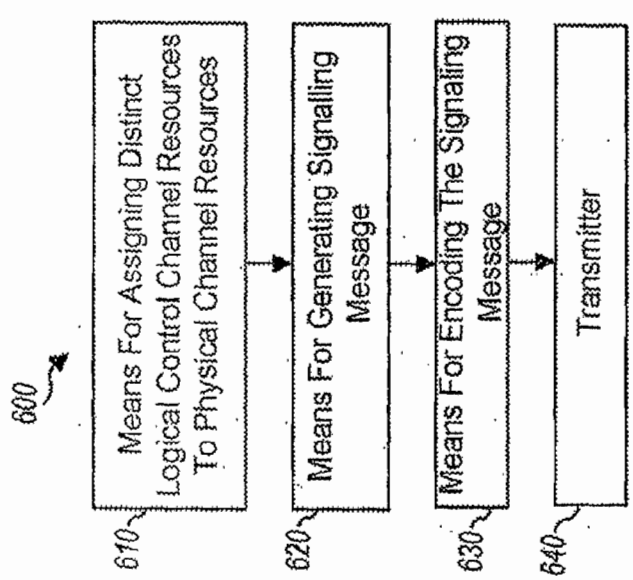

Figure 6