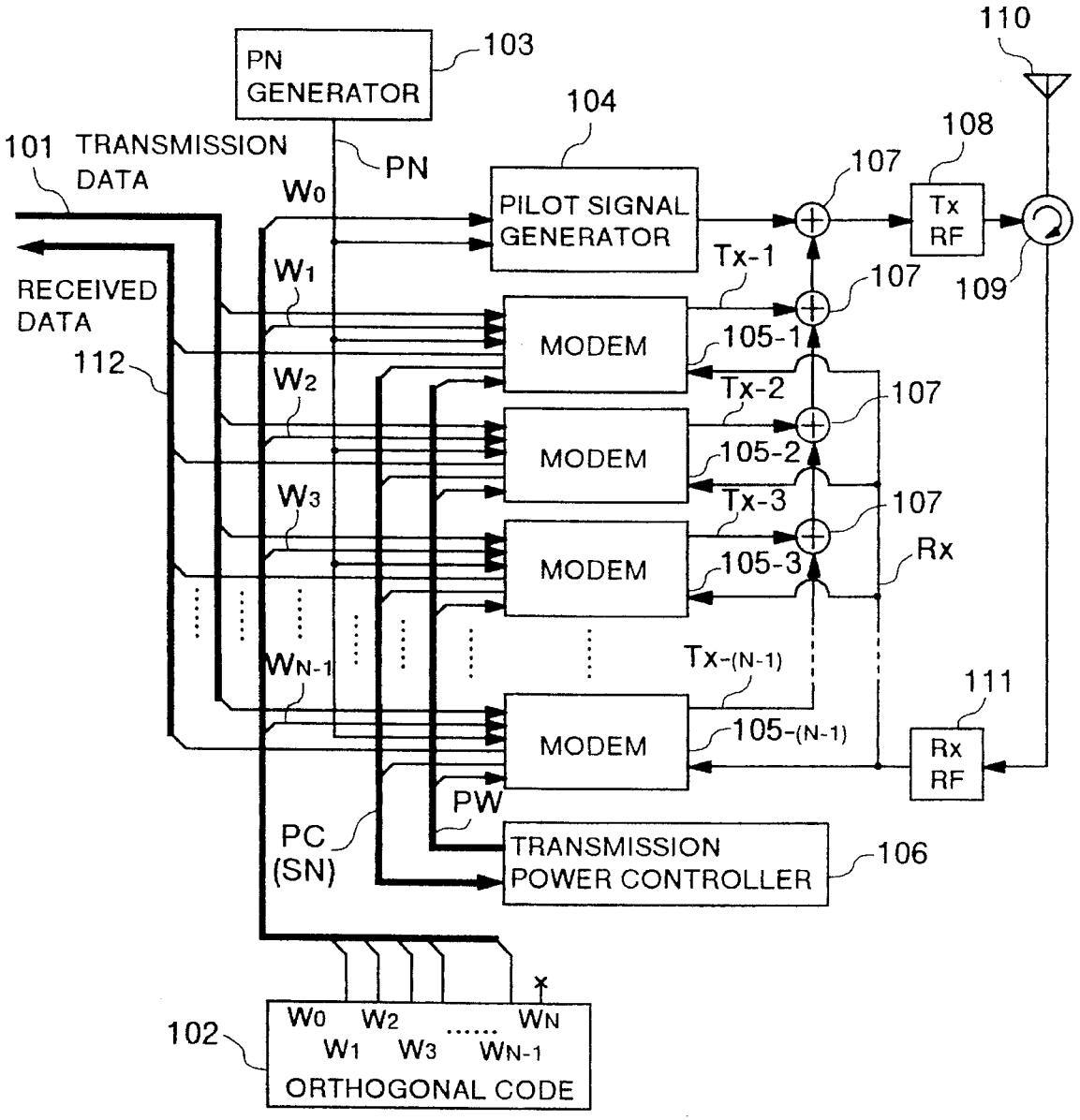
FIG.1


PN GENERATOR
103
110
104
108
101 TRANSMISSION DATA
PN
107
W0
PILOT SIGNAL GENERATOR
Tx RF
Tx-1
107
109
W1
RECEIVED DATA
MODEM
105-1
112
W2
Tx-2
107
MODEM
105-2
W3
Tx-3
107
MODEM
105-3
Rx
WN-1
Tx-(N-1)
111
MODEM
105-(N-1)
Rx RF
PW
PC (SN)
TRANSMISSION POWER CONTROLLER
106
102
W0 W2 ..... WN
W1 W3 WN-1
ORTHOGONAL CODE