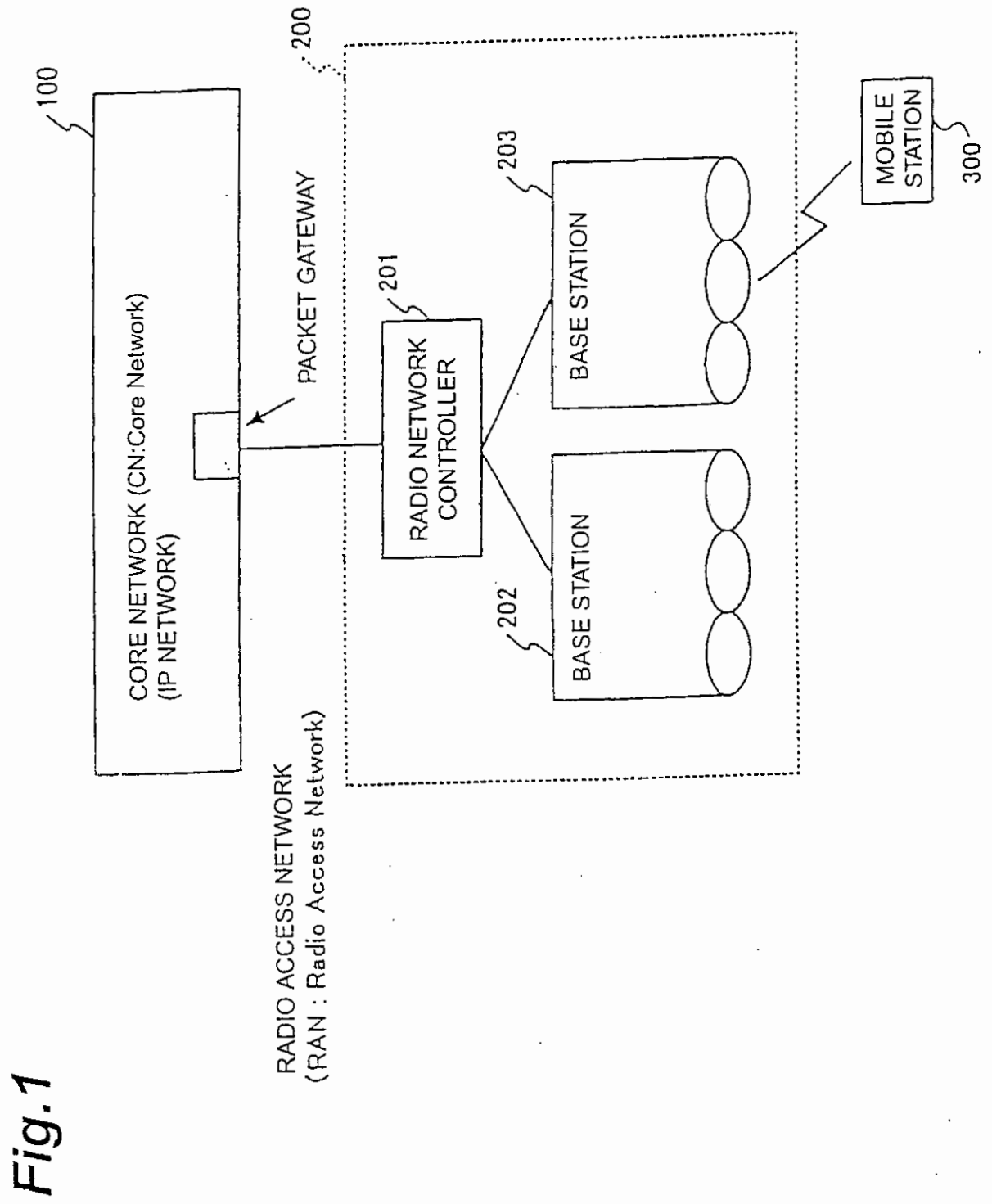
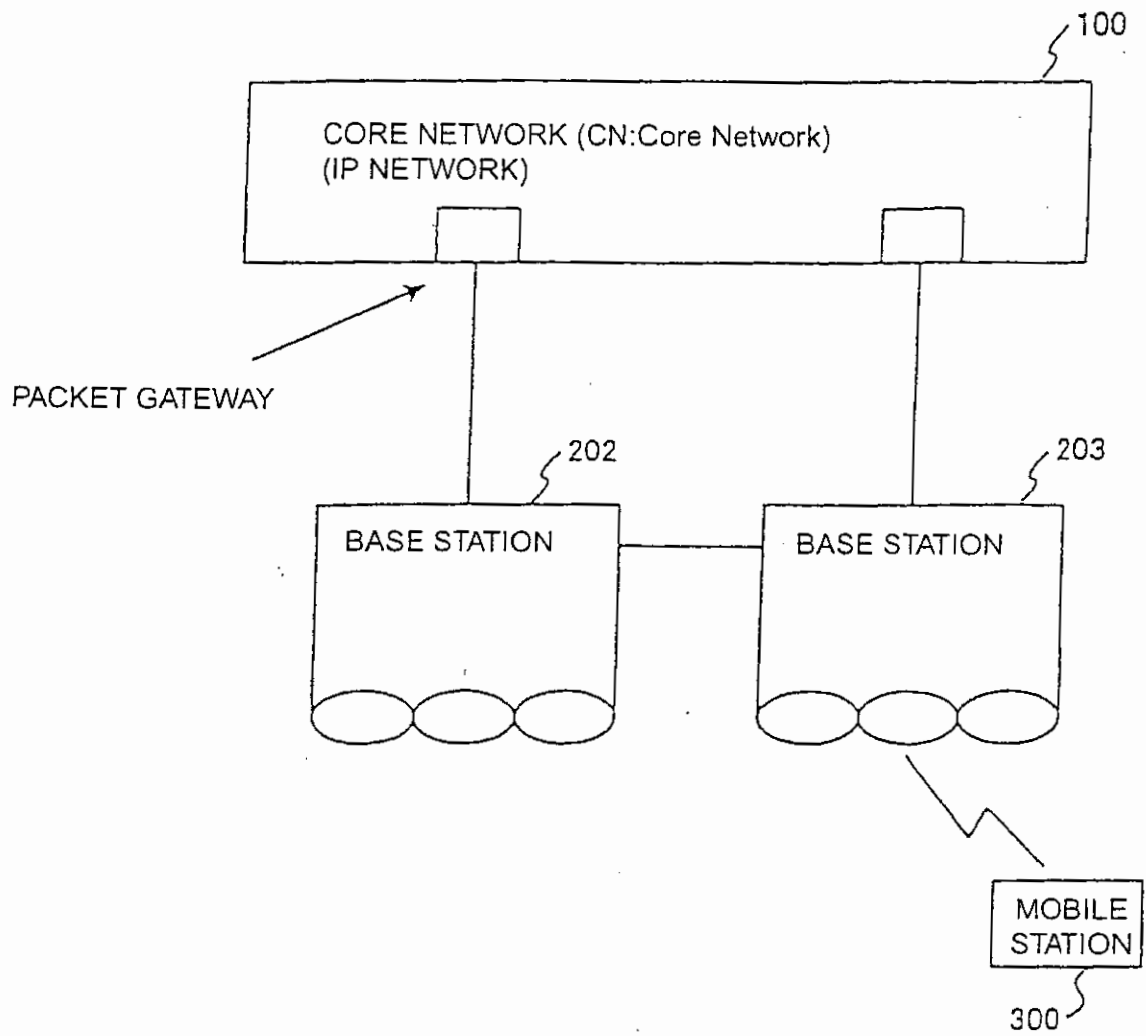


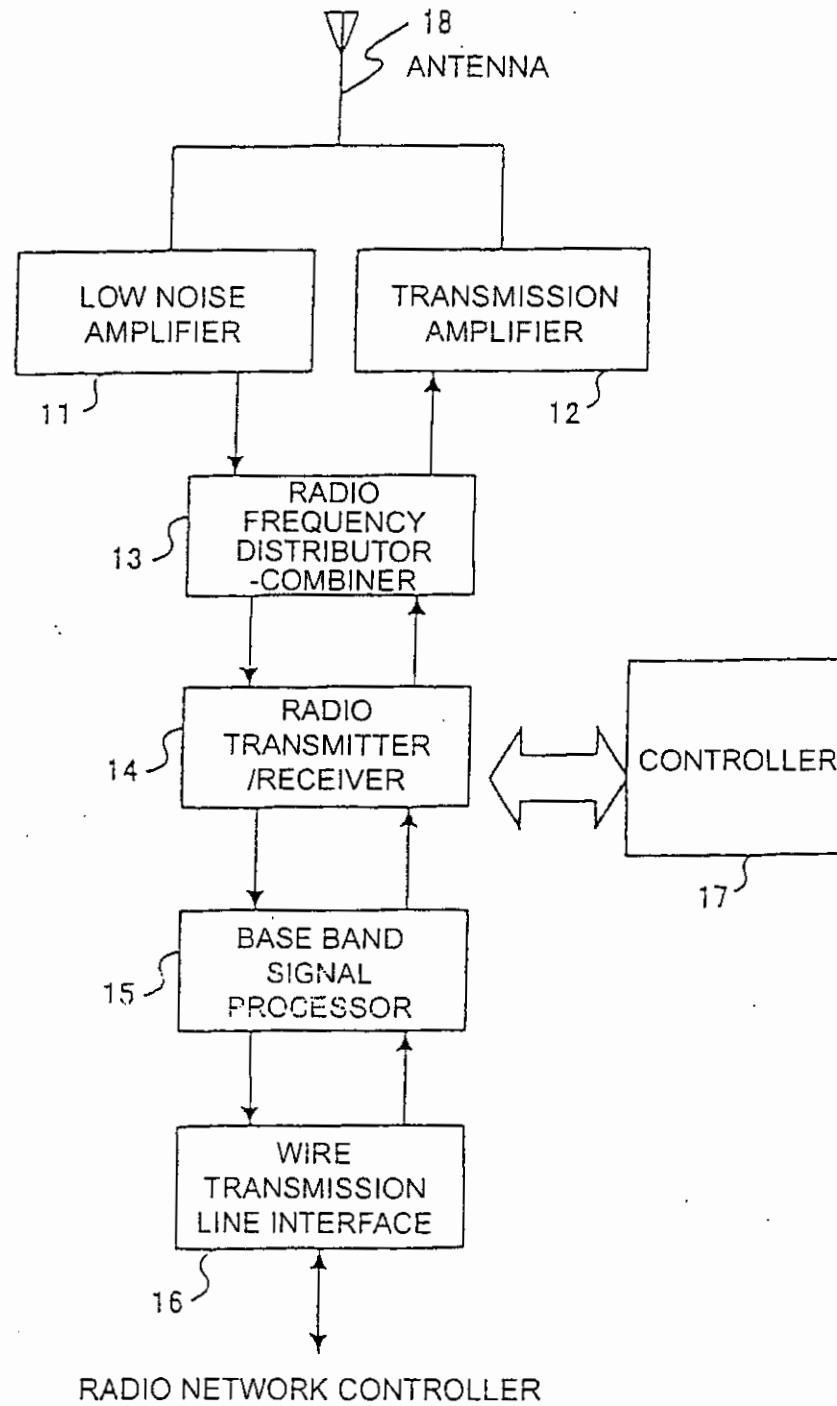
FP02-0191-00



FP02-0191-00

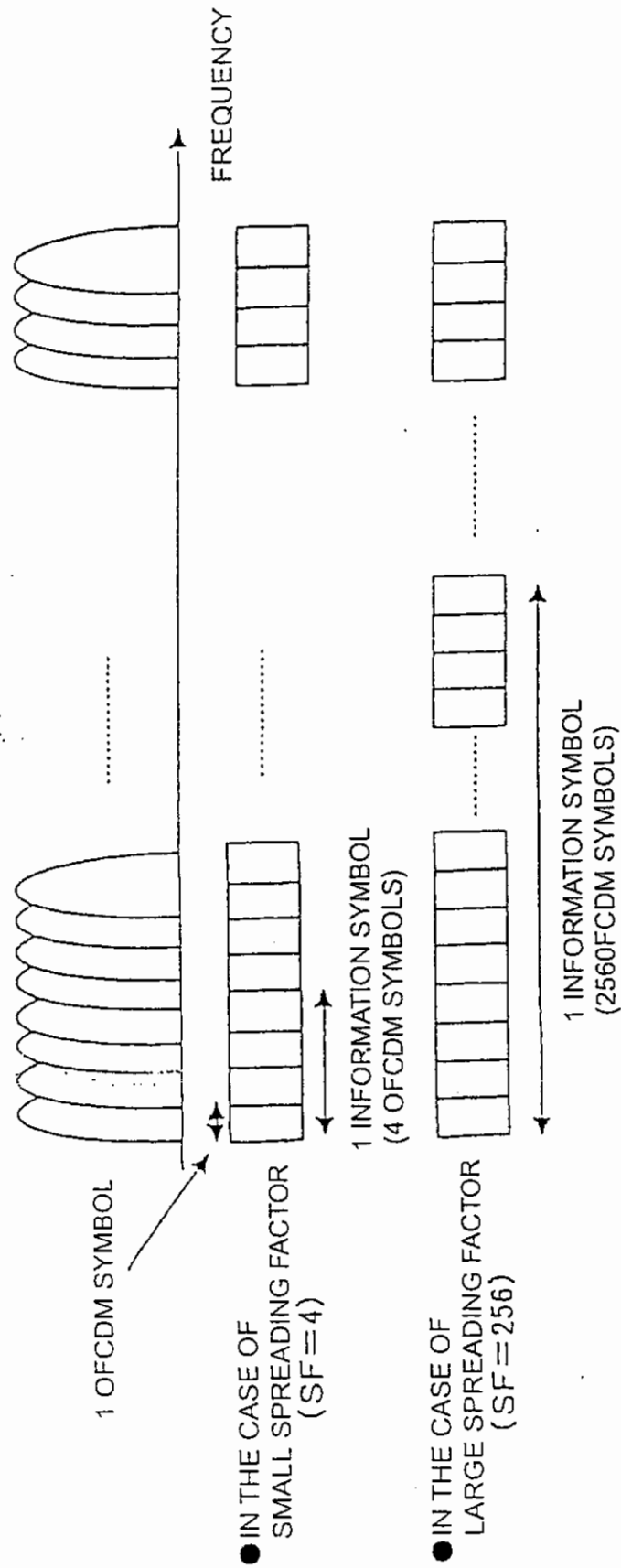
Fig.2

FP02-0191-00

Fig.3

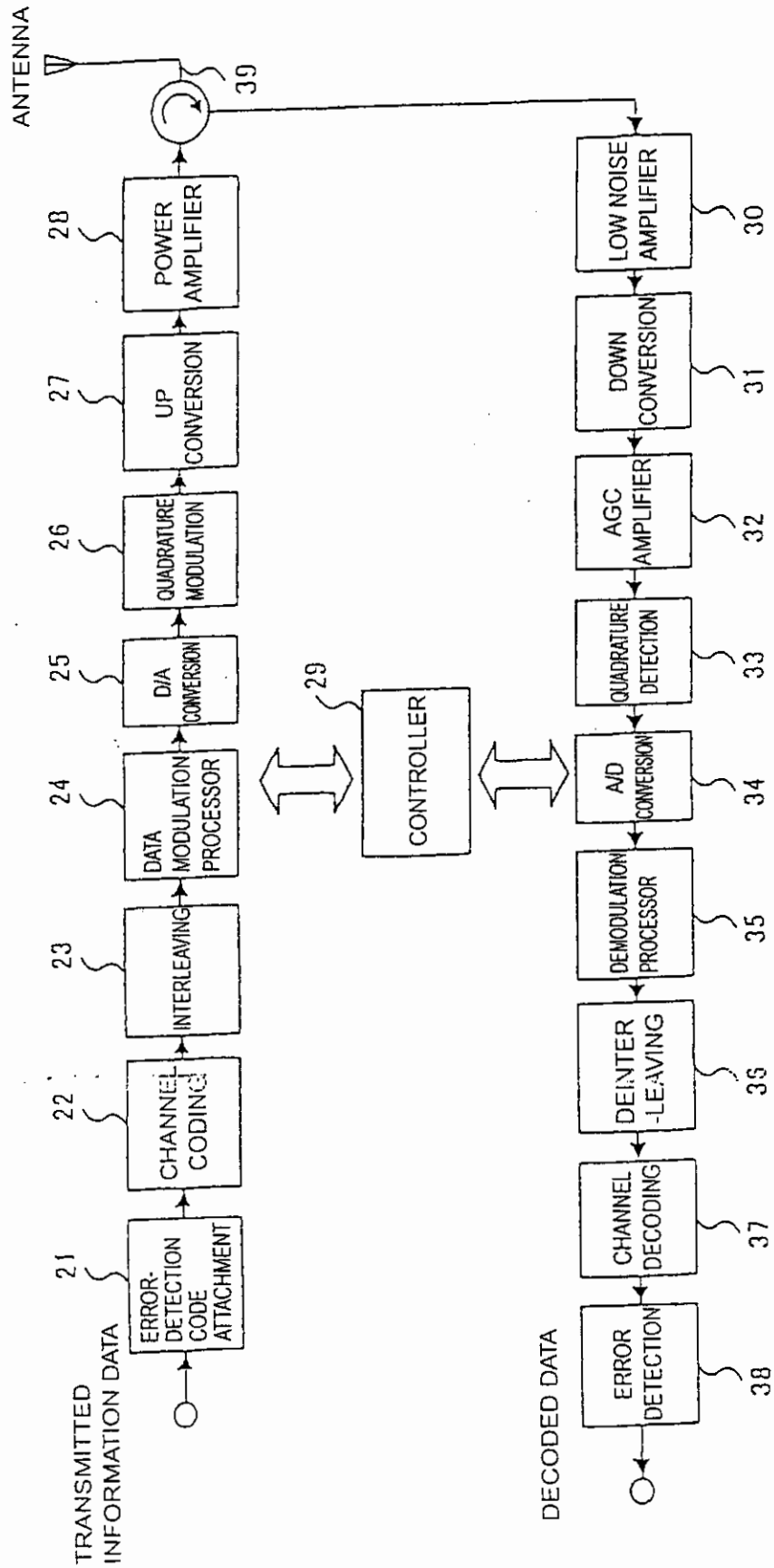
FP02-0191-00

Fig.4



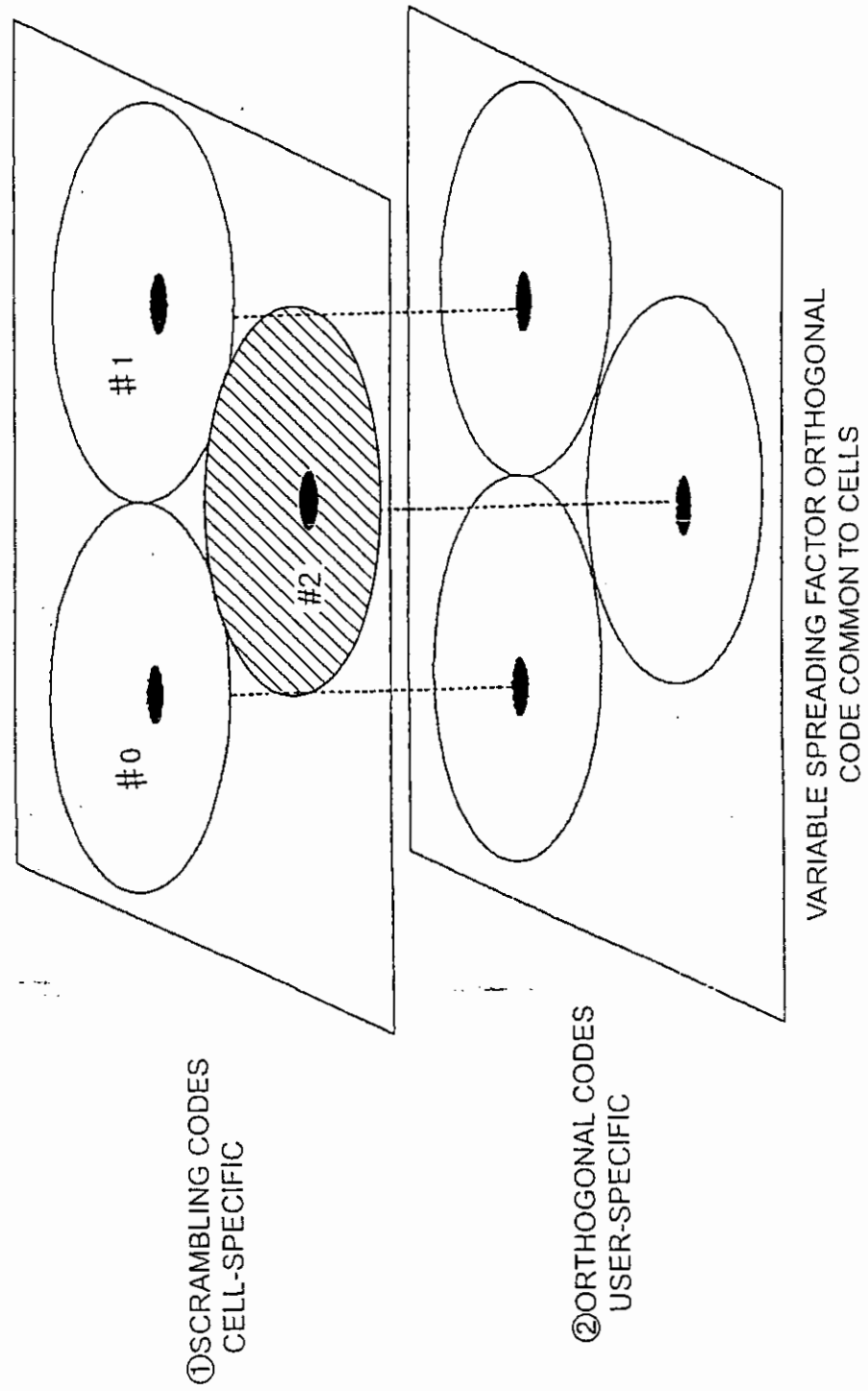
FP02-0191-00

Fig.5

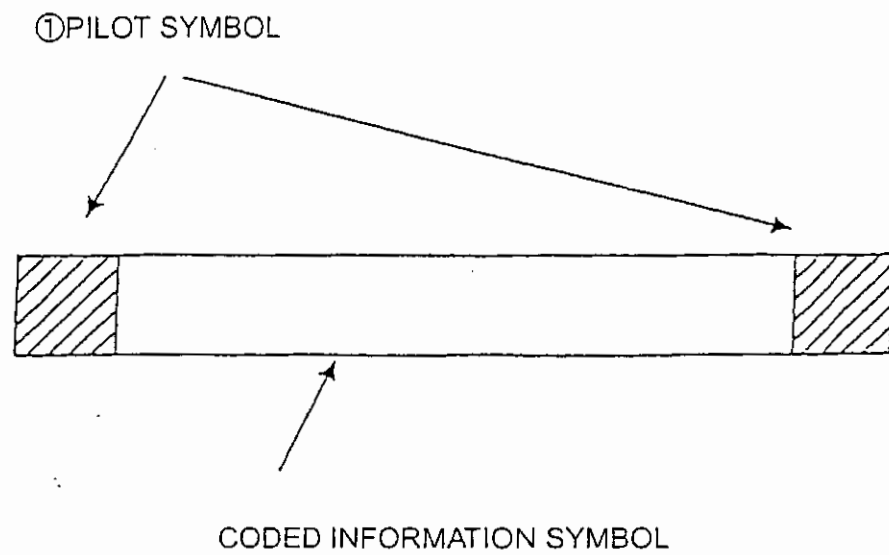


FP02-0191-00

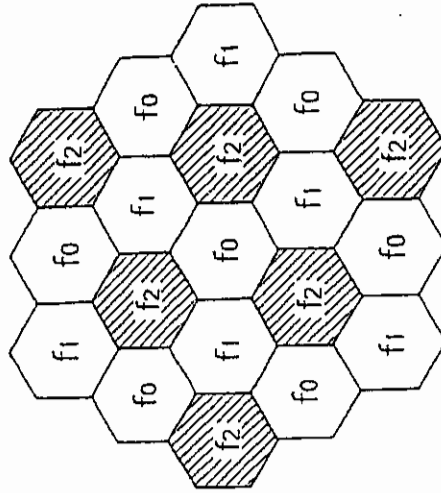
Fig. 6



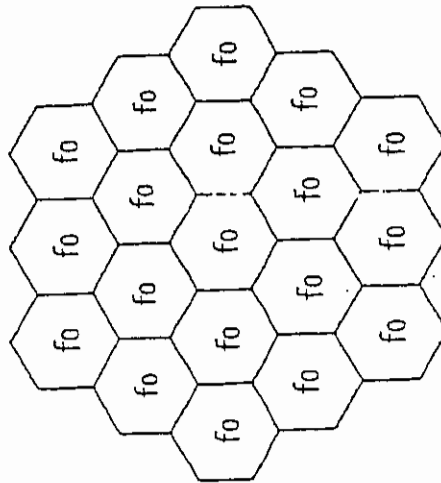
FP02-0191-00

Fig.7

FP02-0191-00

Fig. 8B

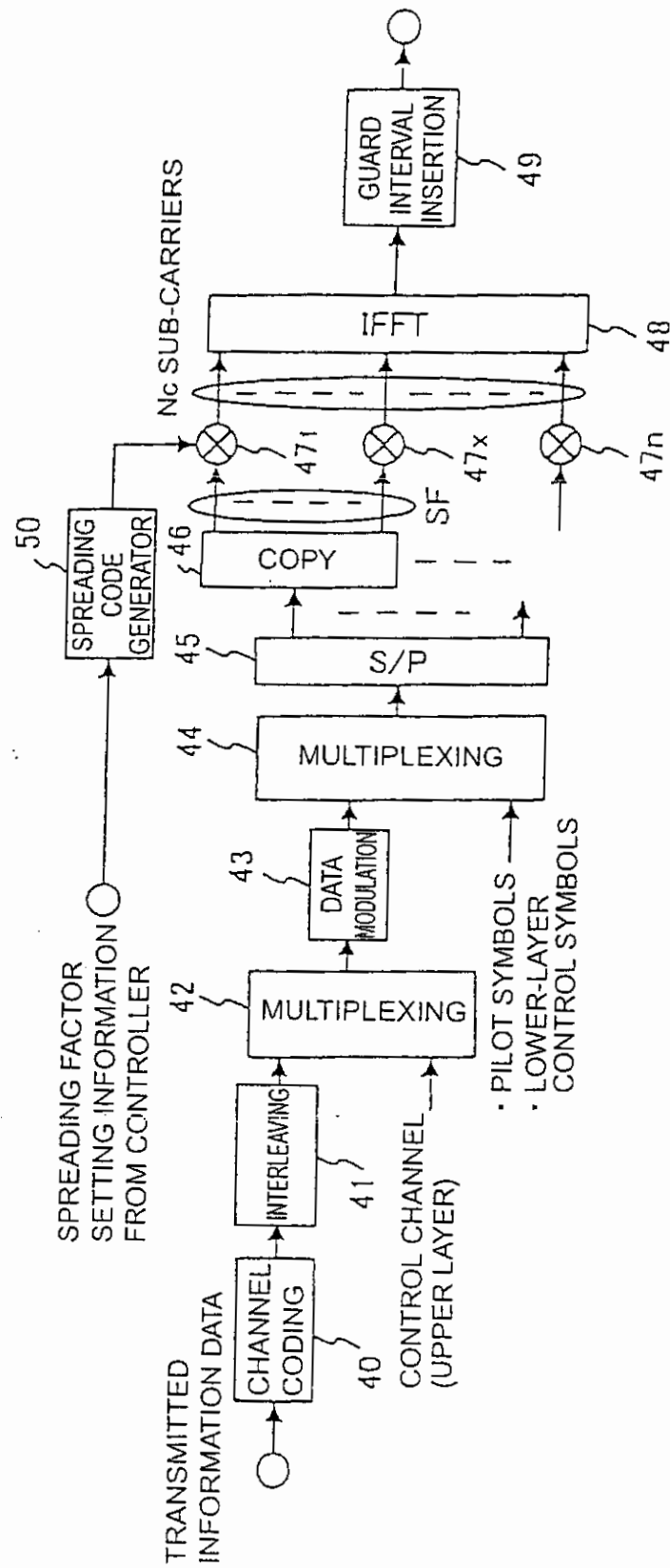
SINGLE-CELL ISOLATED CELL
ENVIRONMENT IN OFDM (3-CELL REUSE)

Fig. 8A

MULTI-CELL ENVIRONMENT
IN OFDM (1-CELL REUSE)

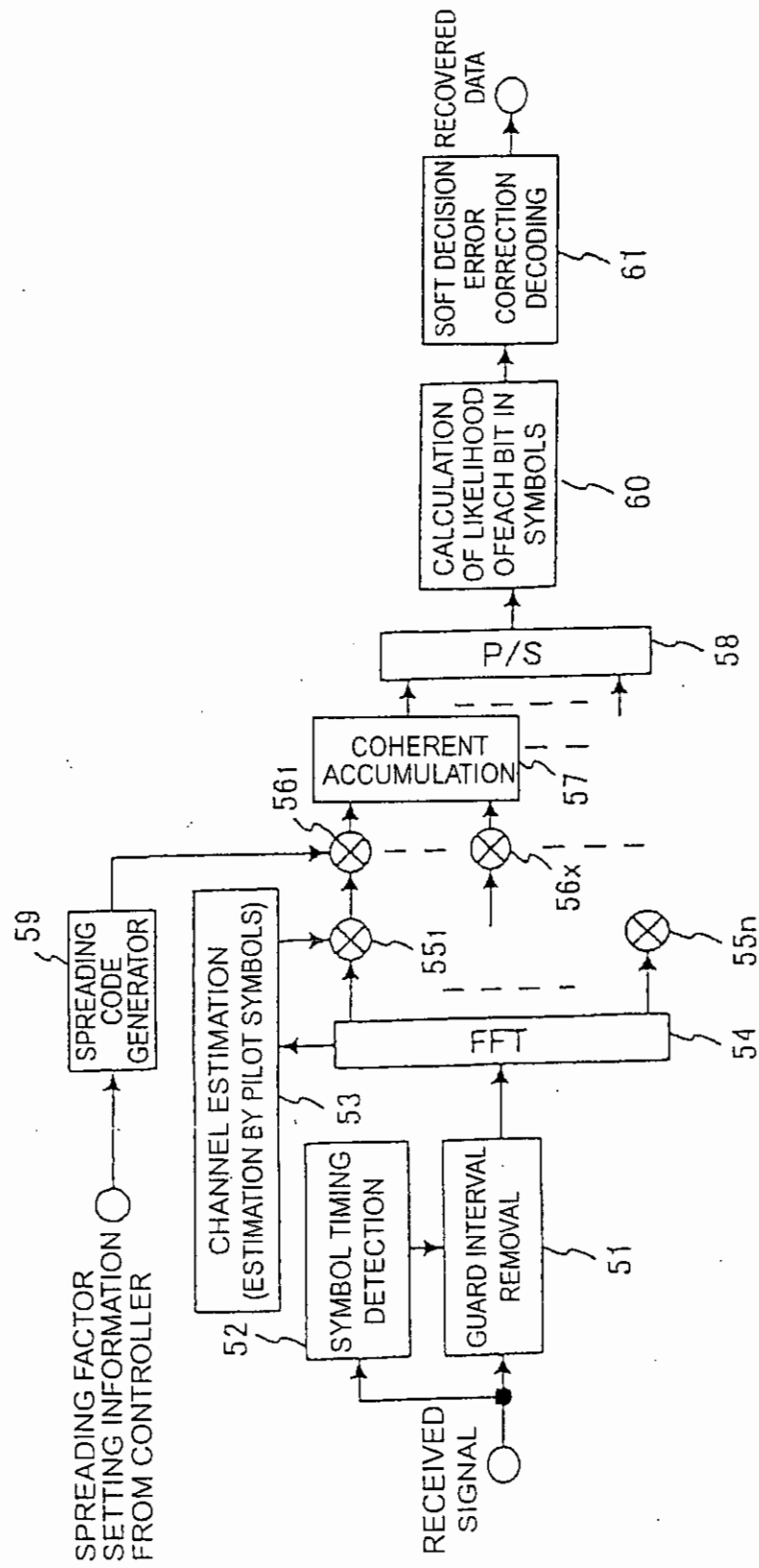
FP02-0191-00

Fig.9



FP02-0191-00

Fig. 10

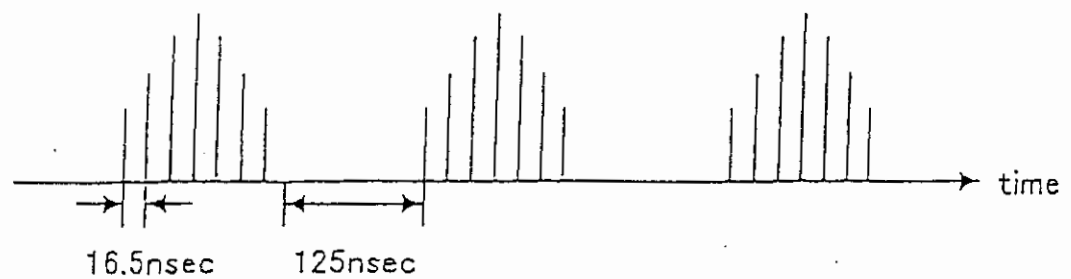


FP02-0191-00

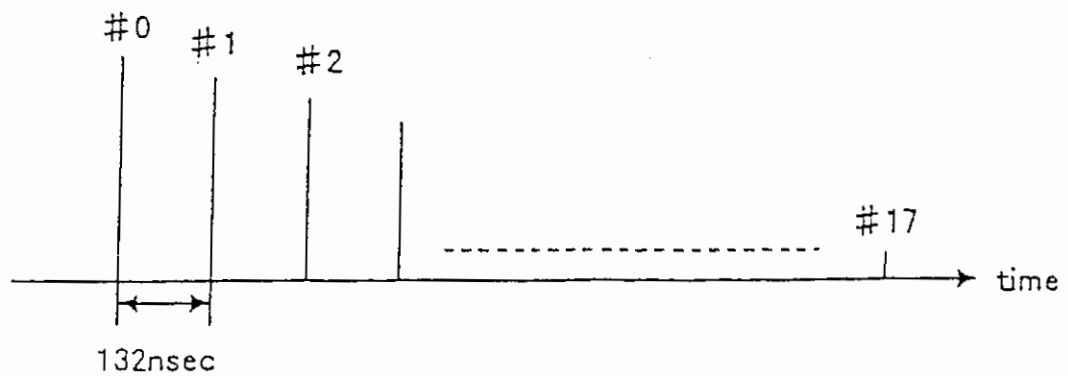
Fig.11

Bandwidth		80MHz
Number of sub-carriers N_c		512
Spreading factor SF		32(TD-OFCDM), 1(TD-OFDM)
Spreading sequence	Channelization	Walsh-Hadamard
	Scrambling	Random
Packet length		64 OFDM symbols ($N_d = 60$, $N_n = 4$)
Data modulation/Spreading		QPSK/QPSK
Channel coding/decoding		Convolutional coding ($R=1/2$, $K=9$)/ Soft decision Viterbi decoding
Channel model		Distant path-loss + Shadowing + Multipath fading
Maximum Doppler frequency		80Hz

FP02-0191-00

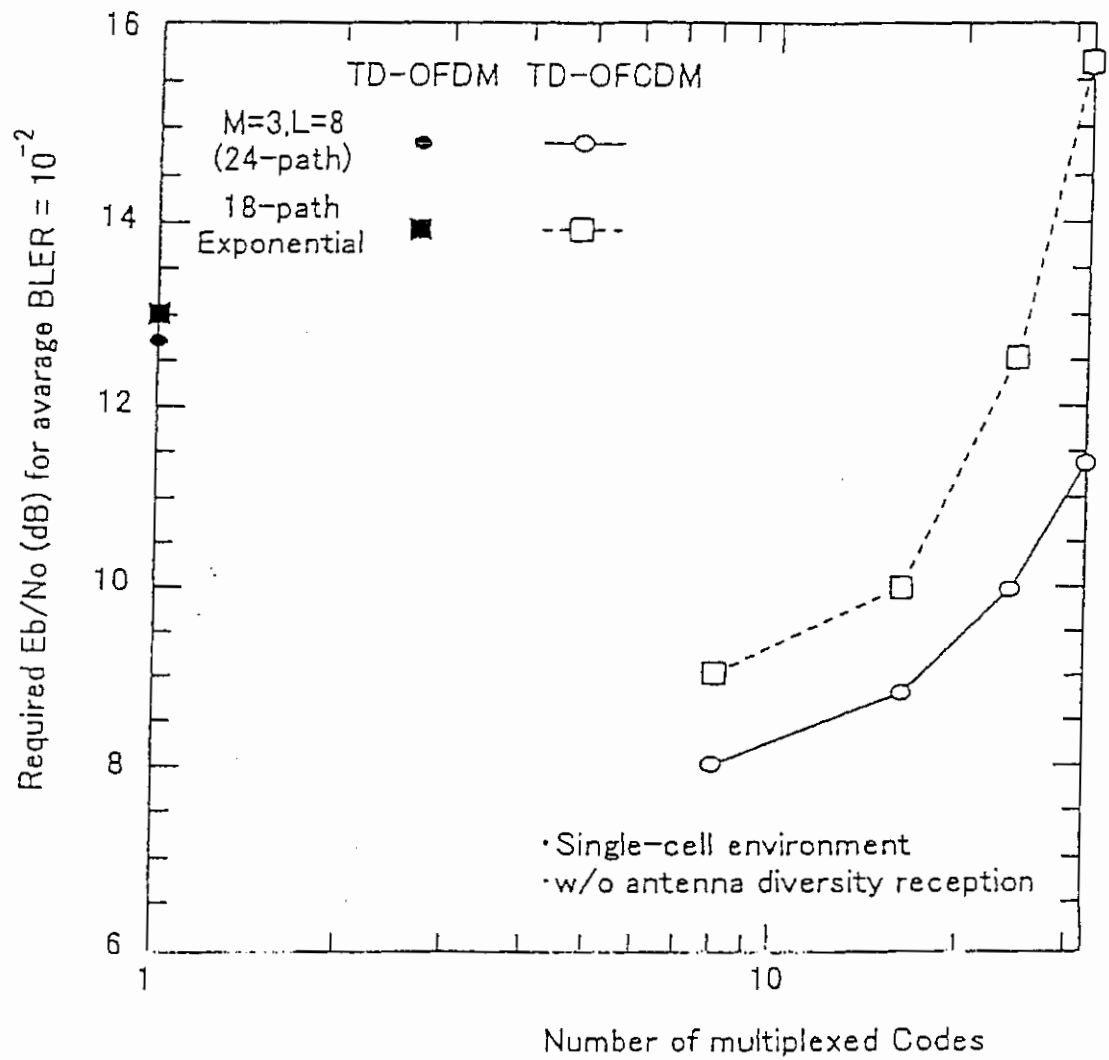
Fig.12A

M=3, L-8 (24-PATH) TRIANGULAR DISTRIBUTION MODEL

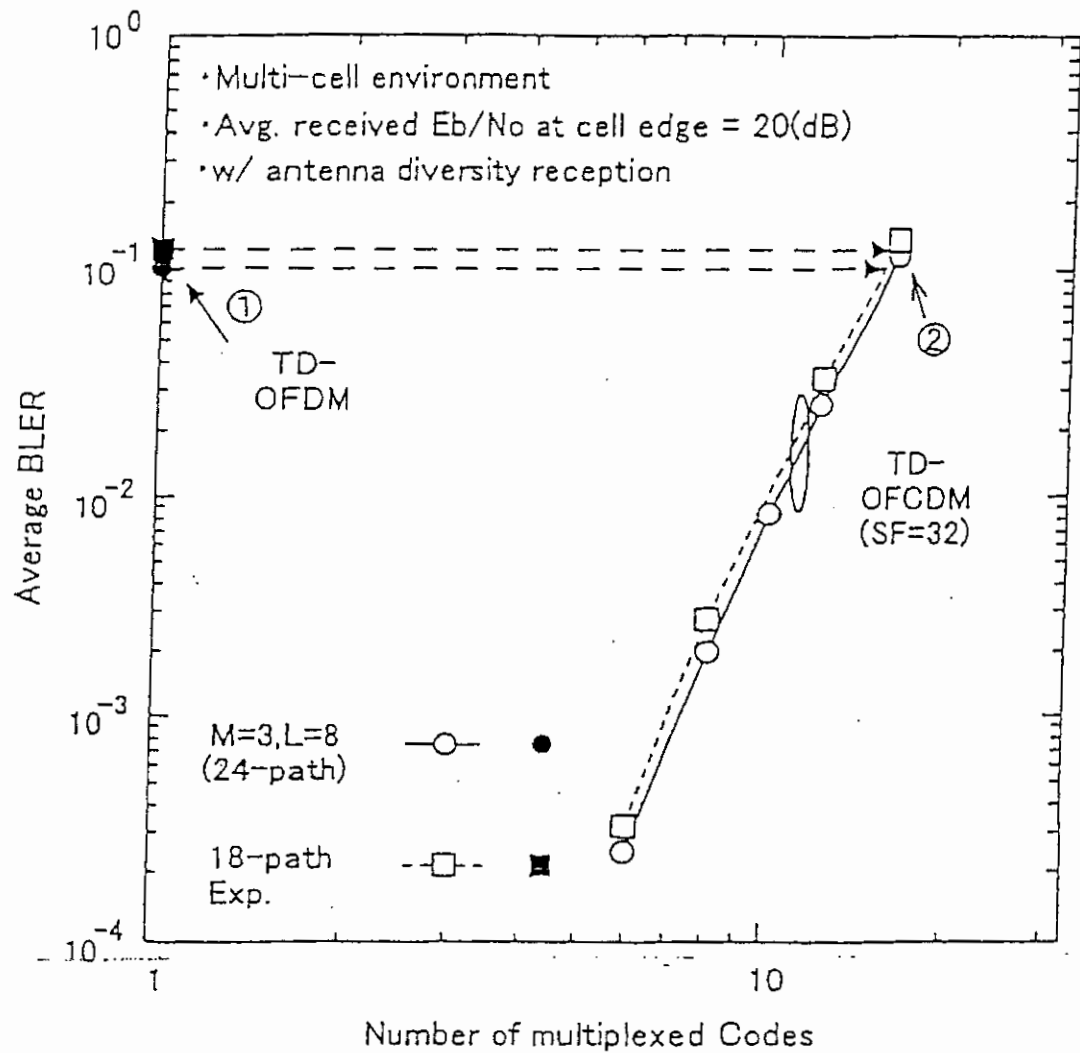
Fig.12B

18-PATH EXPONENTIAL ATTENUATION MODEL

FP02-0191-00

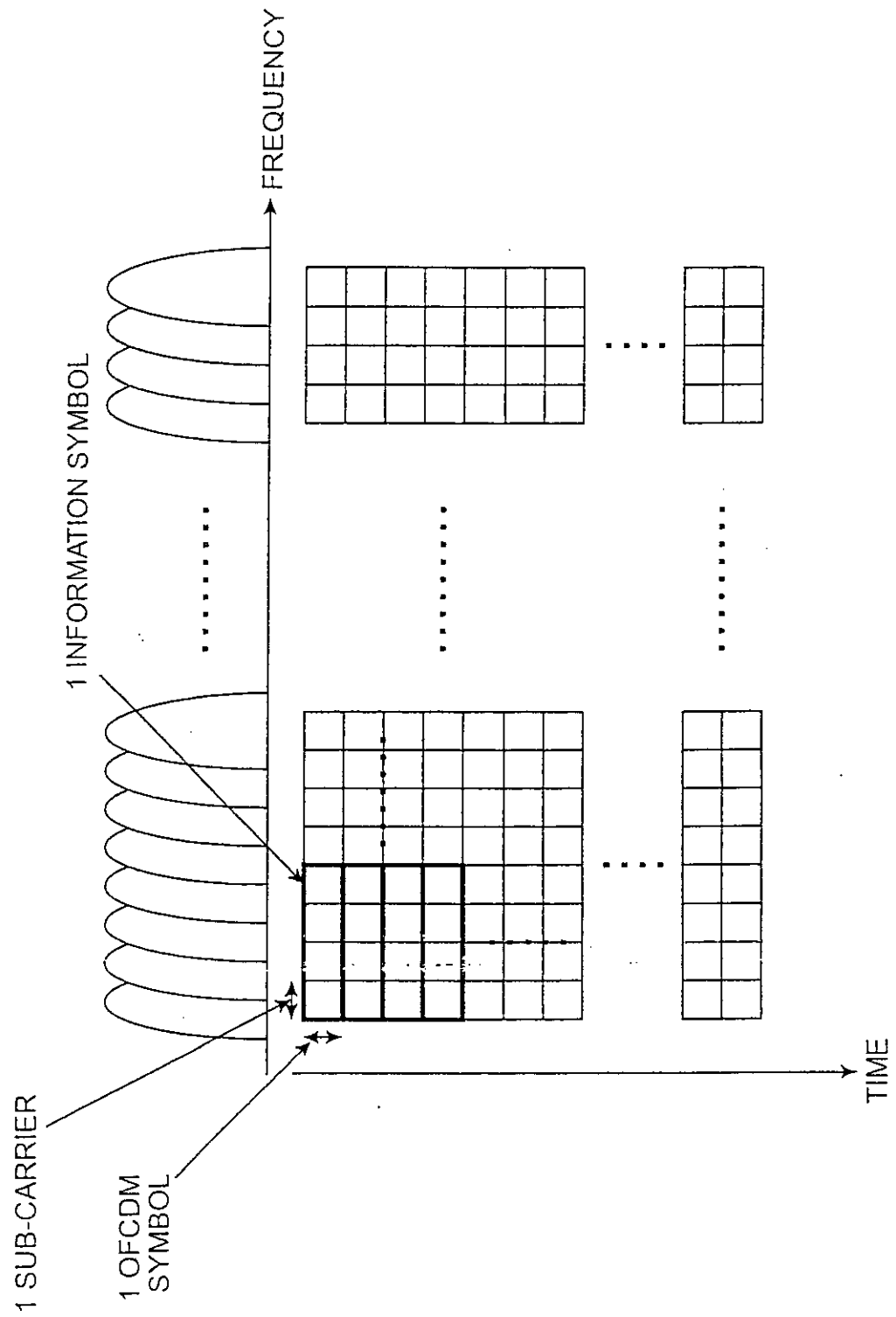
Fig.13

FP02-0191-00

Fig.14

FP02-0191-00

Fig.15



FP02-0191-00

Fig. 16

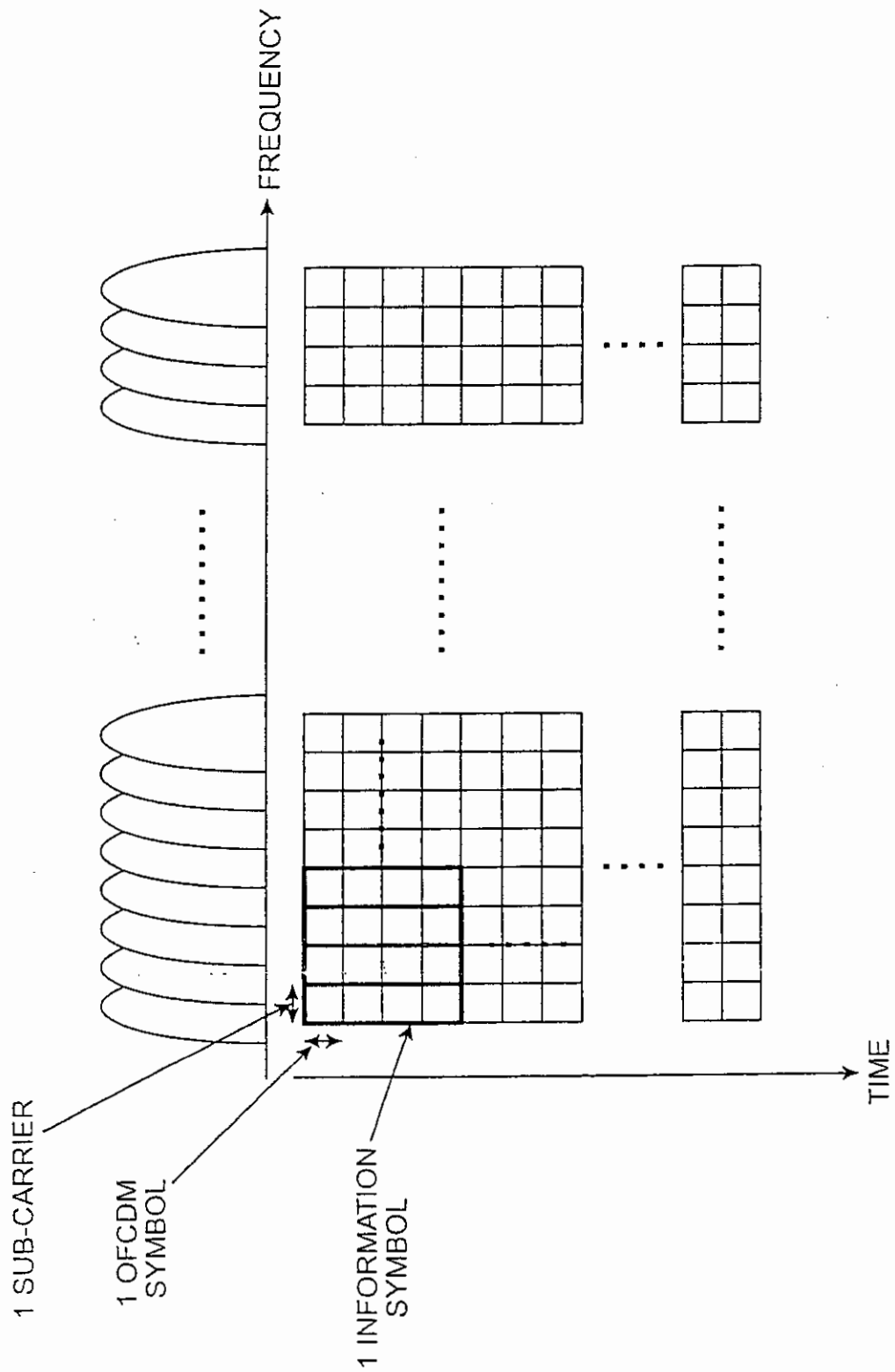
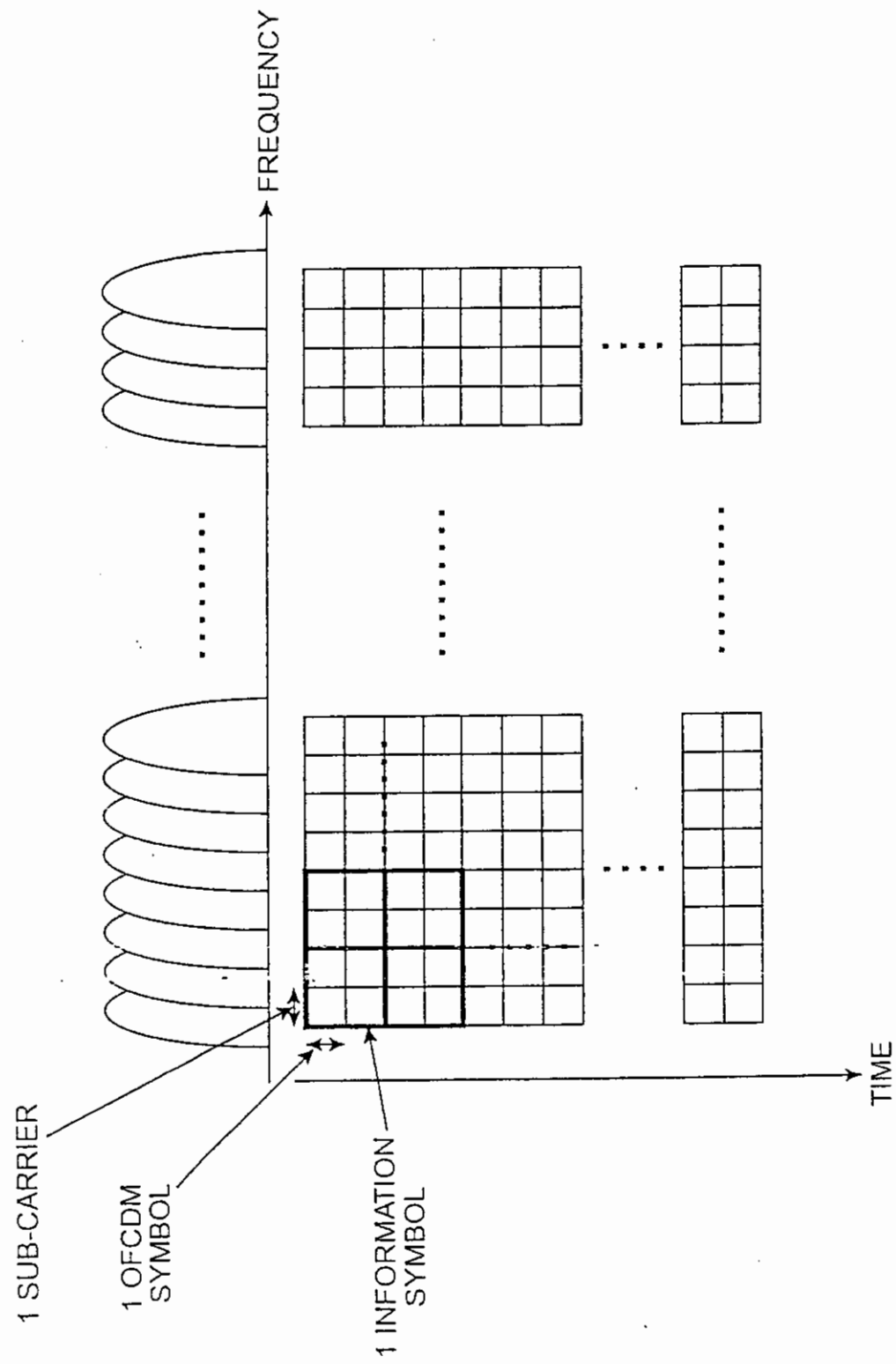
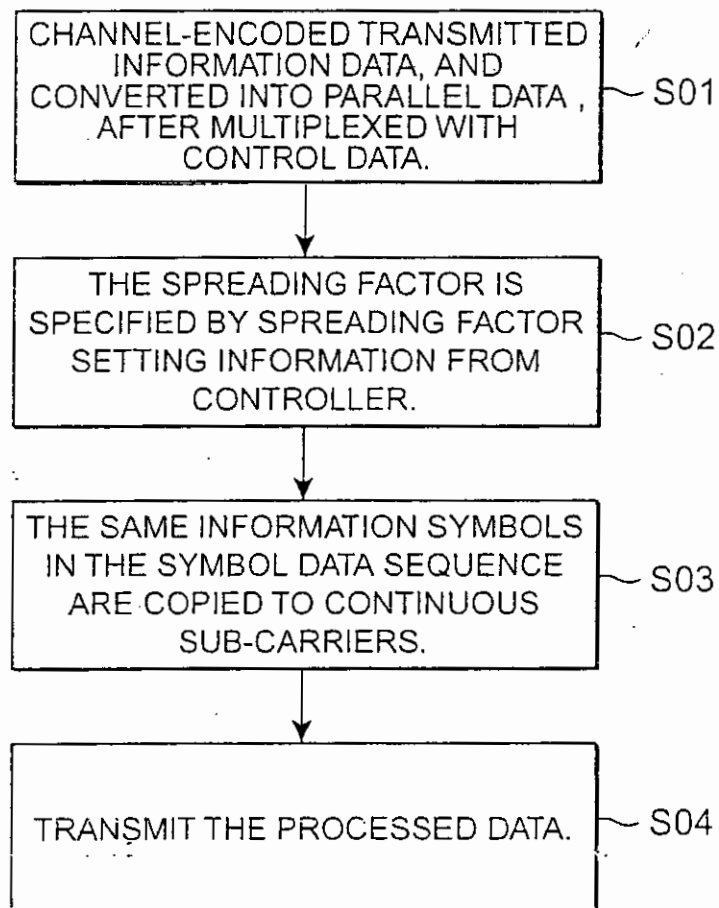


Fig. 17



FP02-0191-00

Fig.18

FP02-0191-00

Fig.19