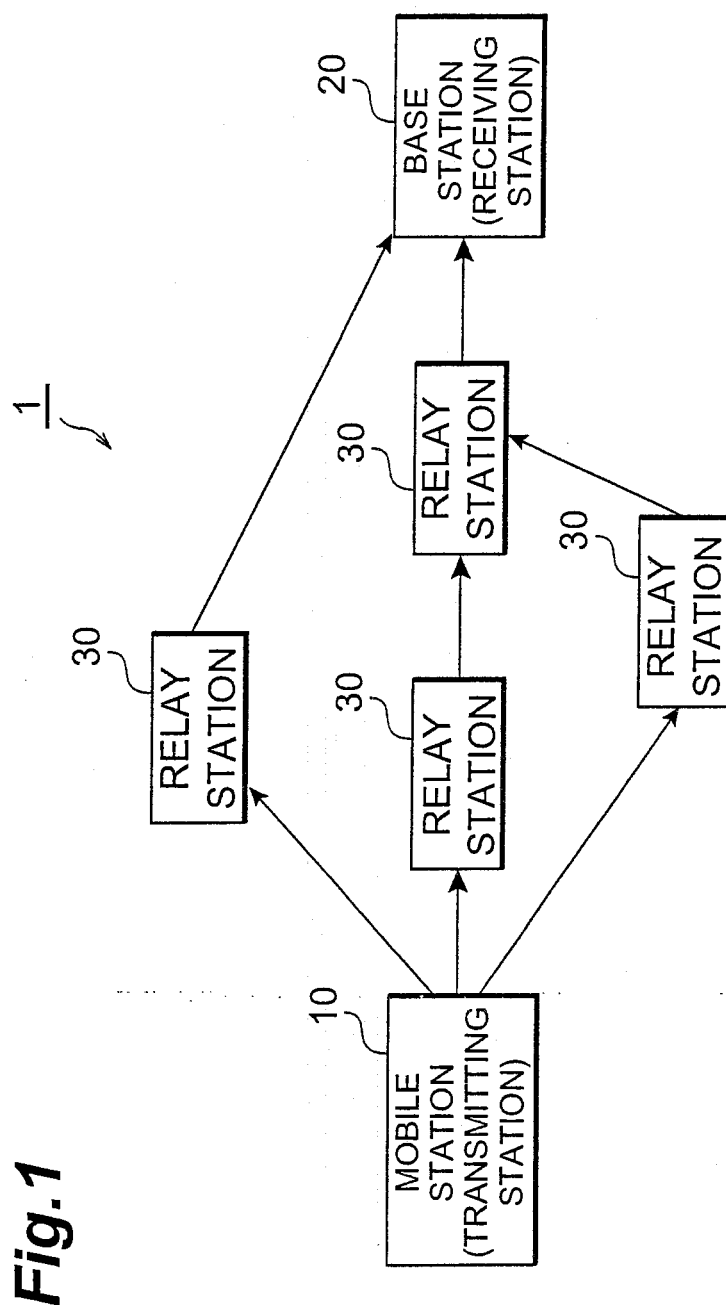


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Fig.2

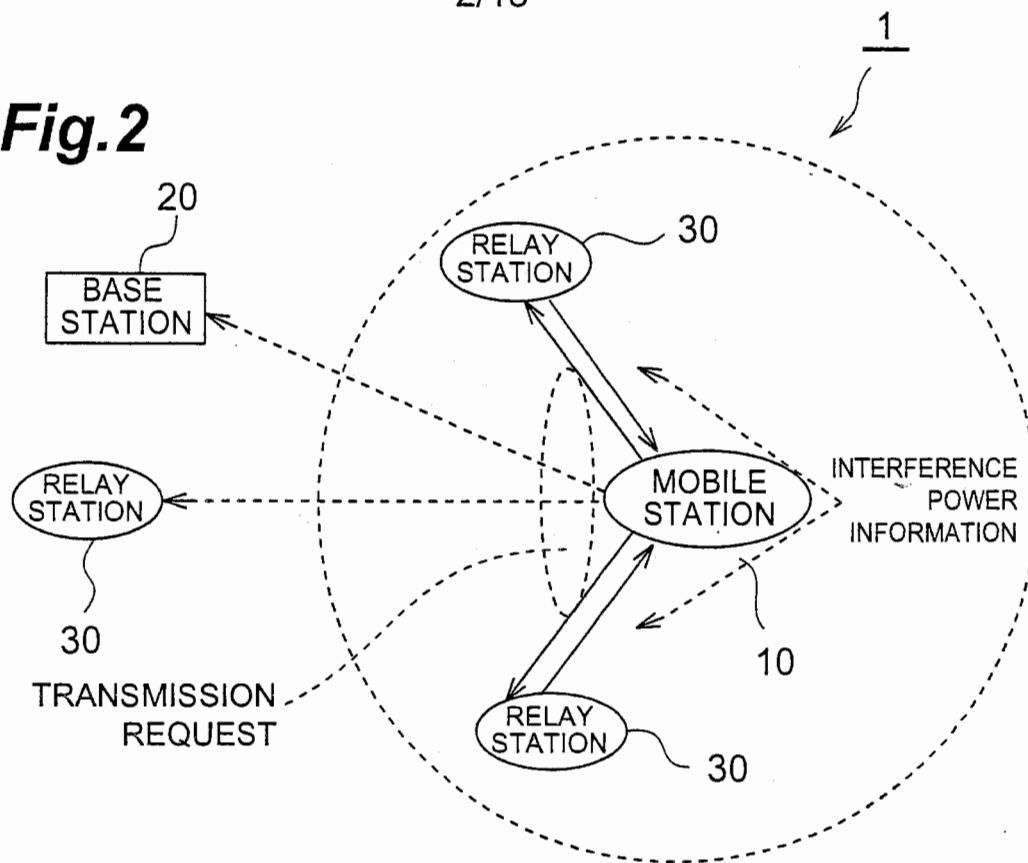


Fig.3

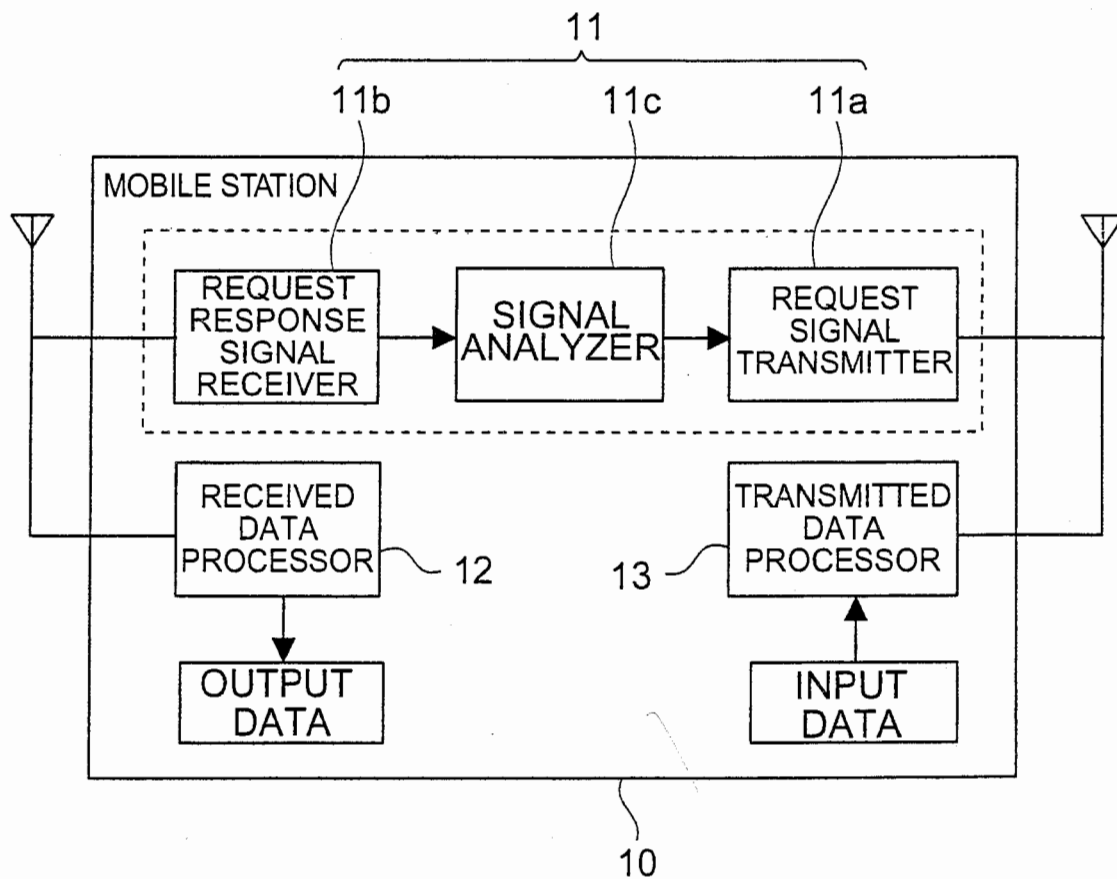


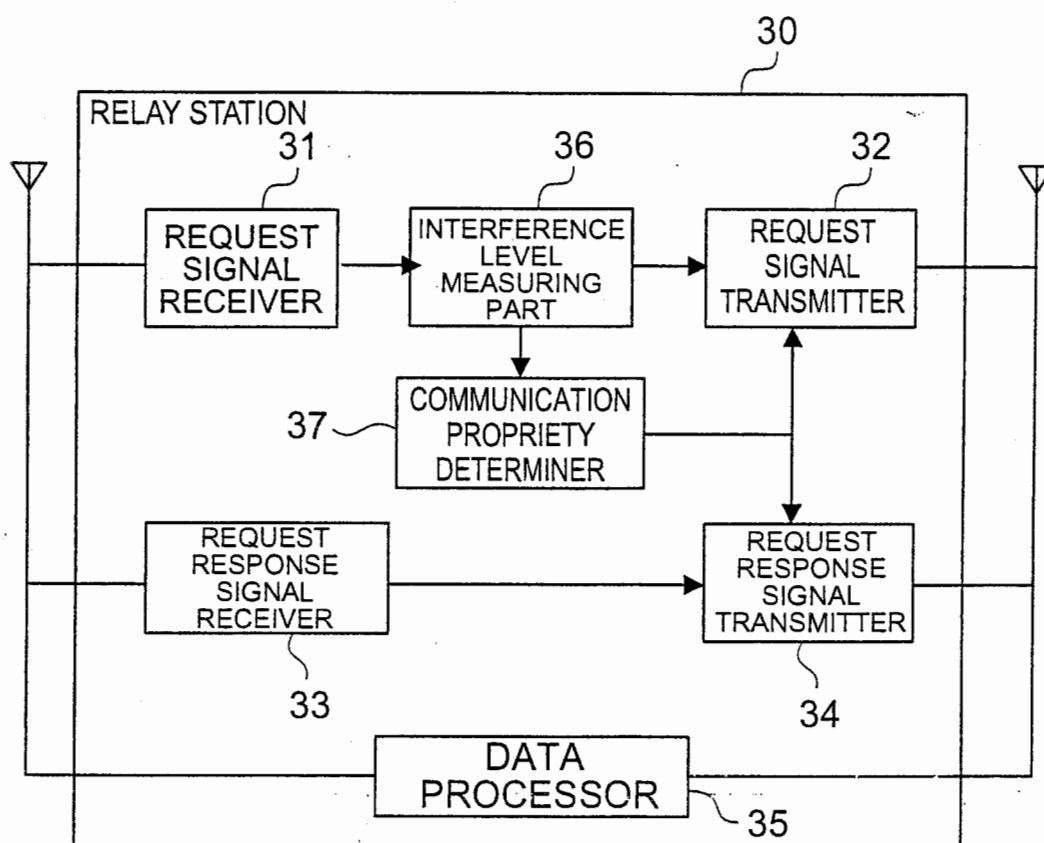
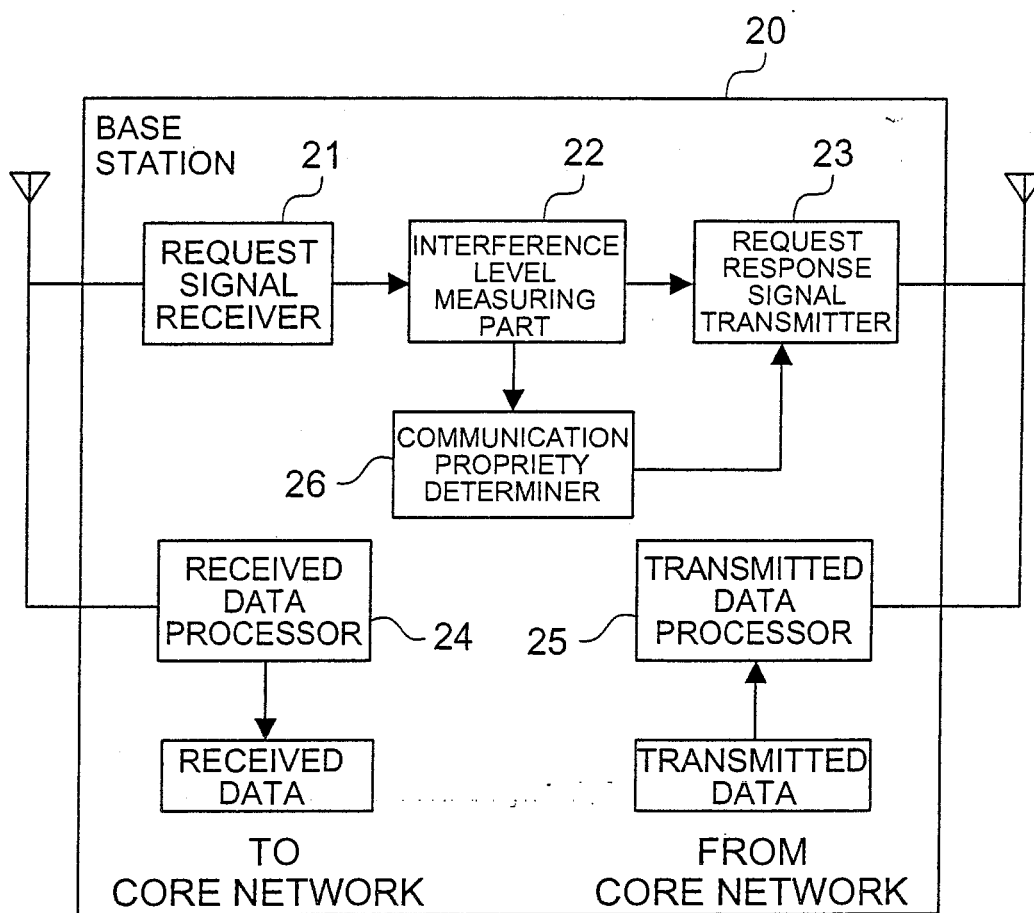
Fig.4

Fig.5



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Fig.6

REQUIRED CONDITIONS	64kbps	384kbps
MAXIMUM TRANSMISSION POWER (dBm)	24.00	24.00
MOBILE-STATION CABLE LOSS (dB)	0.00	0.00
MOBILE-STATION ANTENNA GAIN (dB)	0.00	0.00
BASE-STATION ANTENNA GAIN (dB)	17.00	17.00
BASE-STATION CABLE LOSS (dB)	0.00	0.00
NF(dB)	5.00	5.00
THERMAL NOISE DENSITY (dBm/Hz)	-174.00	-174.00
INTERFERENCE MARGIN (dB)	6.00	6.00
TRANSMISSION BIT RATE (dBHz)	48.06	55.84
REQUIRED $E_b/(N_0+I_0)$ (dB)	3.80	2.70
DIVERSITY HANDOVER GAIN (dB)	3.00	3.00
FADING MARGIN (dB)	5.30	5.30
TRANSMISSION POWER CONTROL VARIATION MARGIN (dB)	2.00	2.00
LOSS DUE TO BUILDING SHIELDING (dB)	6.00	6.00
MAXIMUM TRANSMISSION LOSS (dB)	140.84	134.16
CELL RADIUS (km)	1.66	1.06

Fig.7A

SINGLE HOP APPLICATION

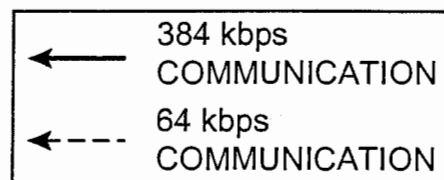
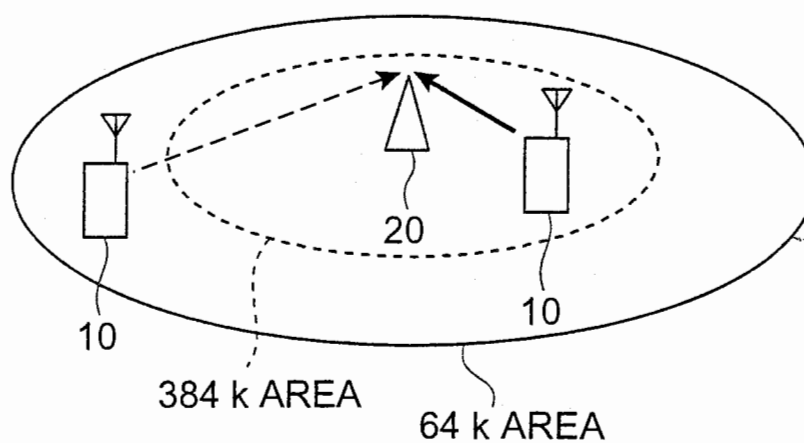
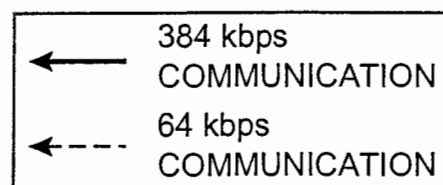
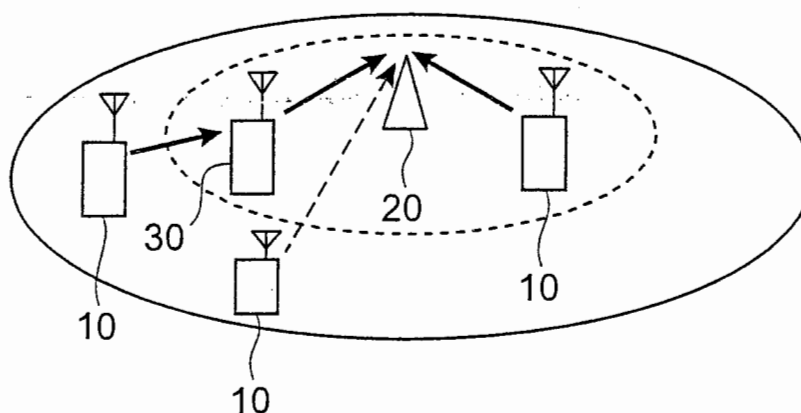


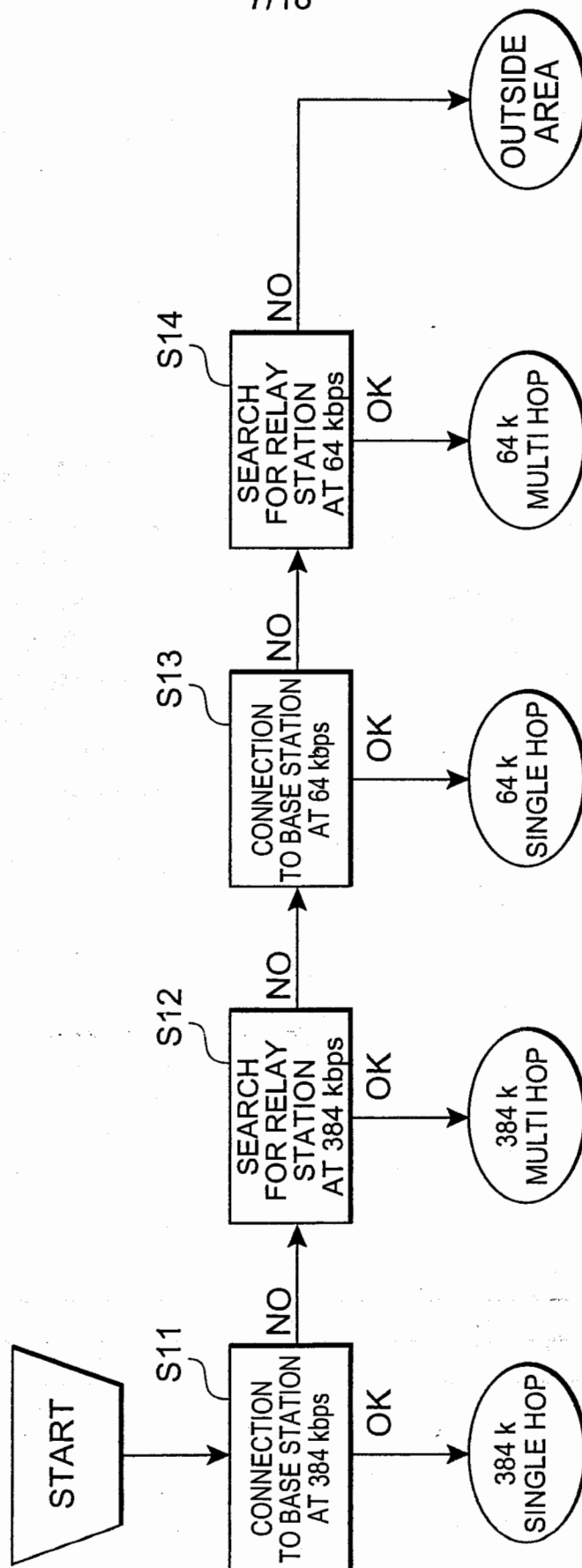
Fig.7B

MULTIHOP APPLICATION



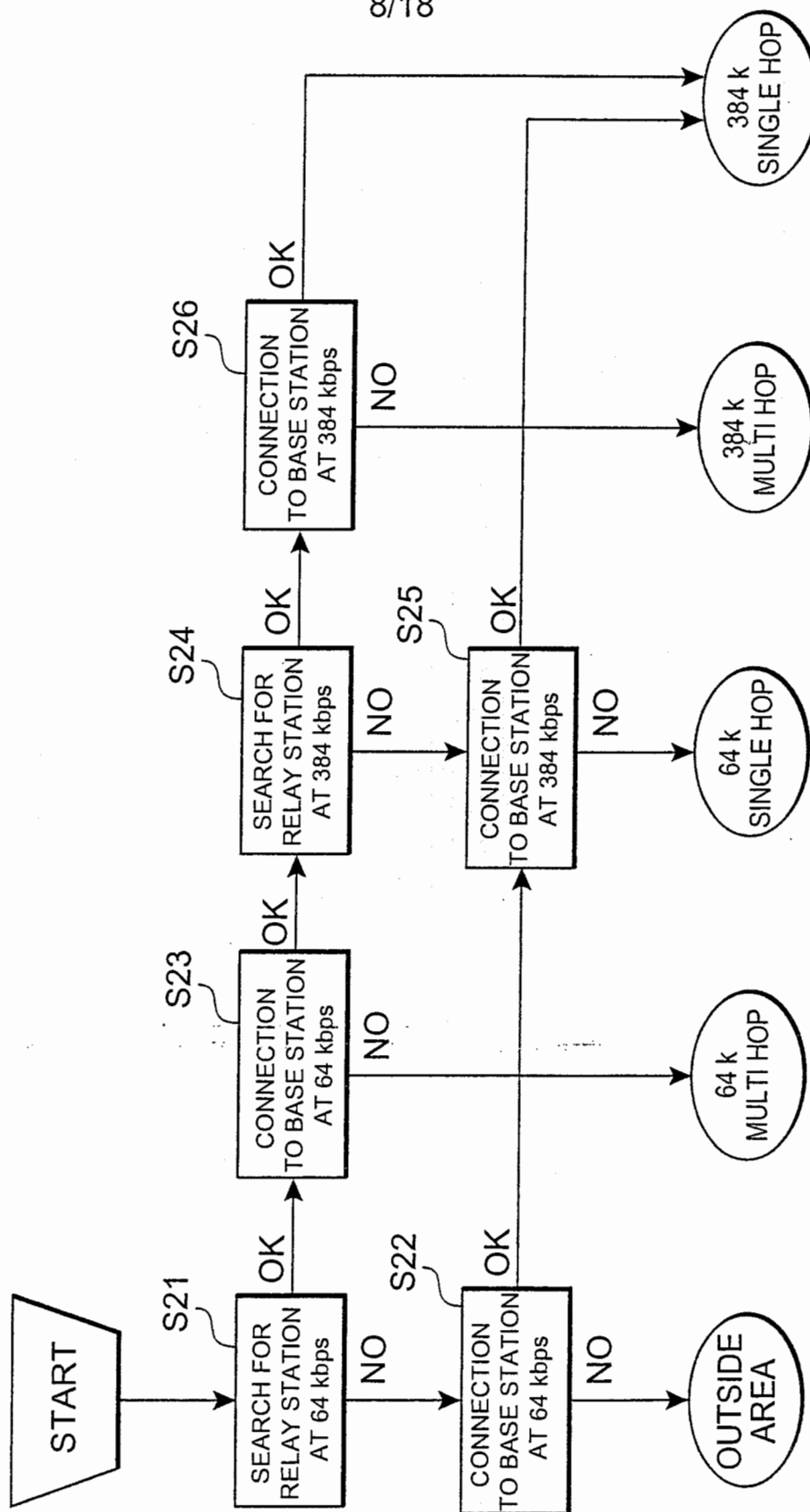
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Fig.8



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Fig.9



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Fig.10A

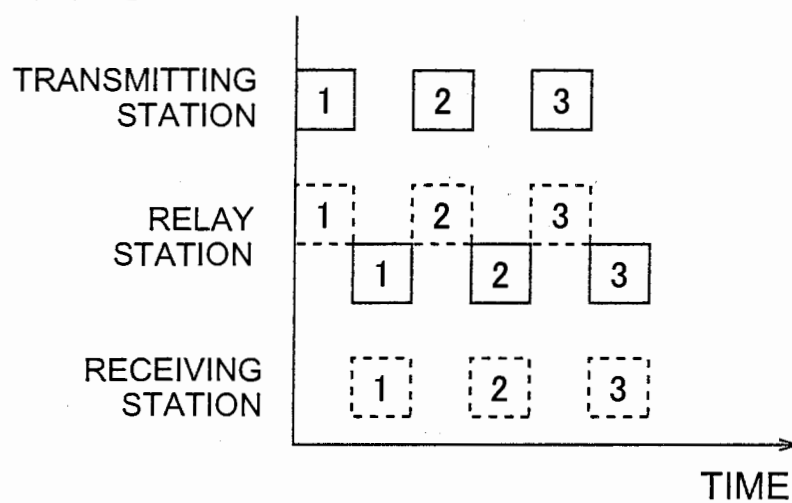
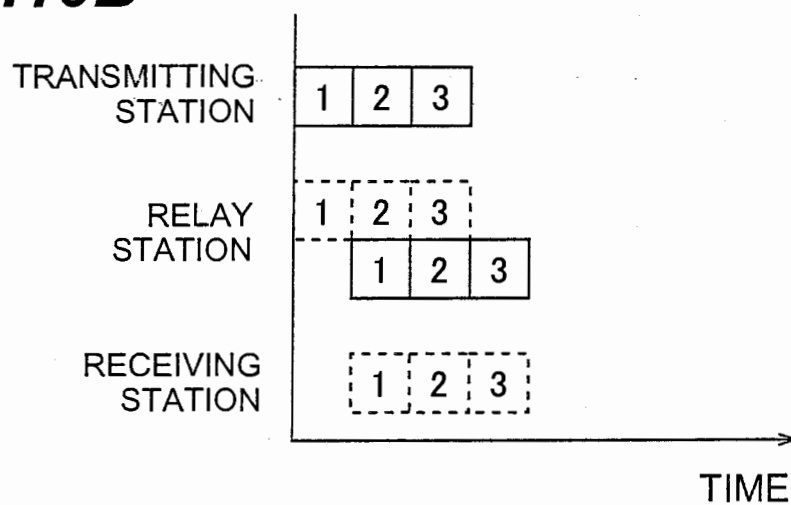


Fig.10B



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Fig.11

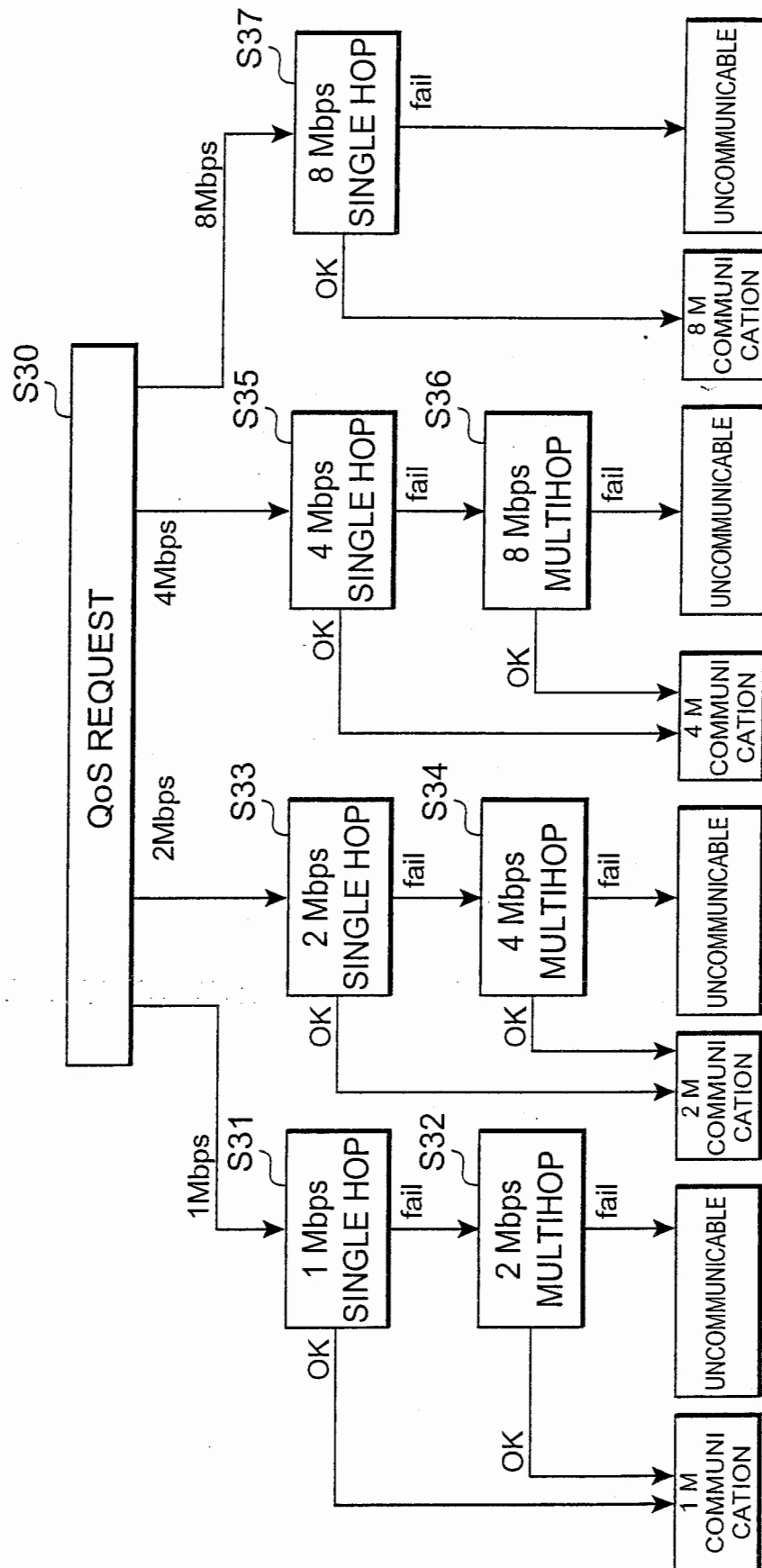
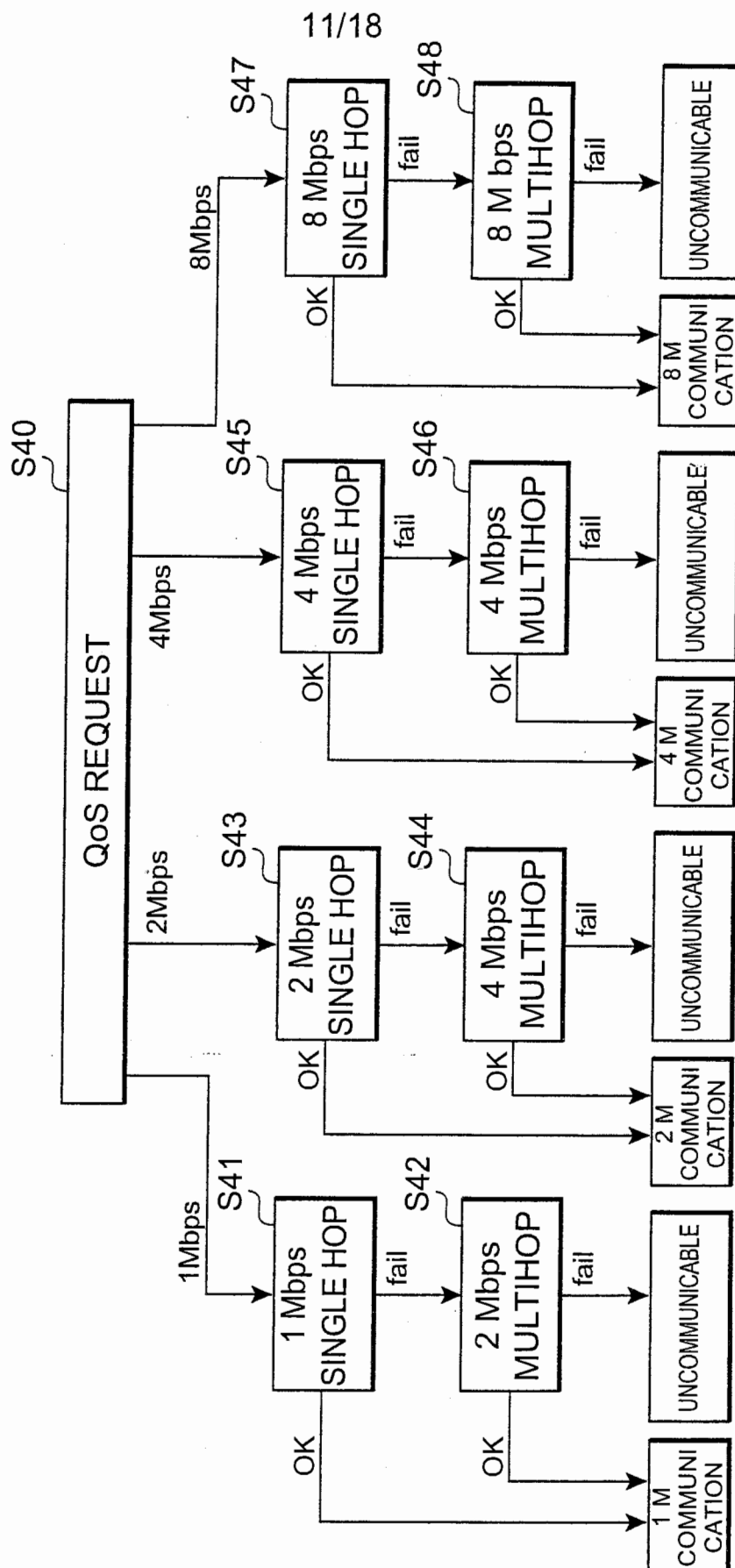
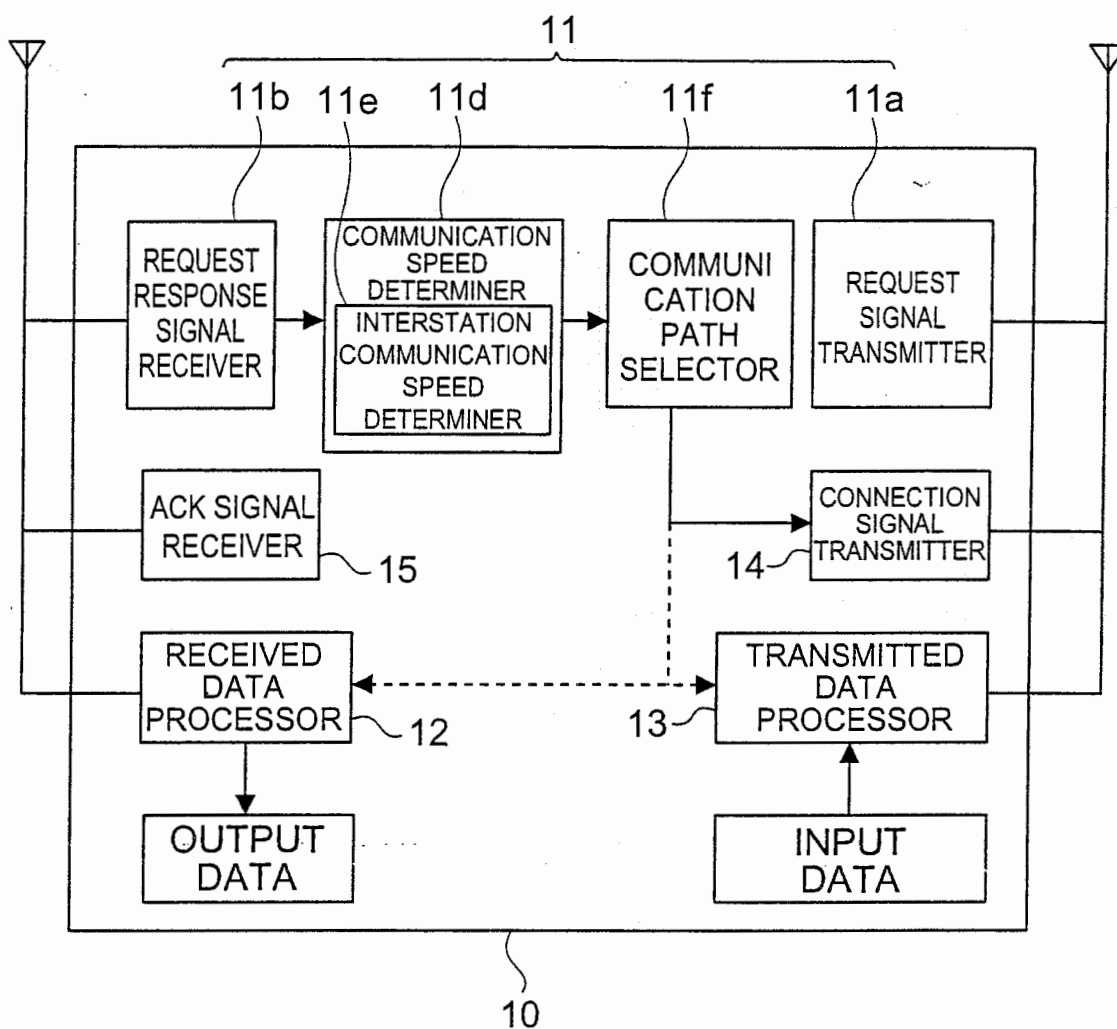


Fig.12

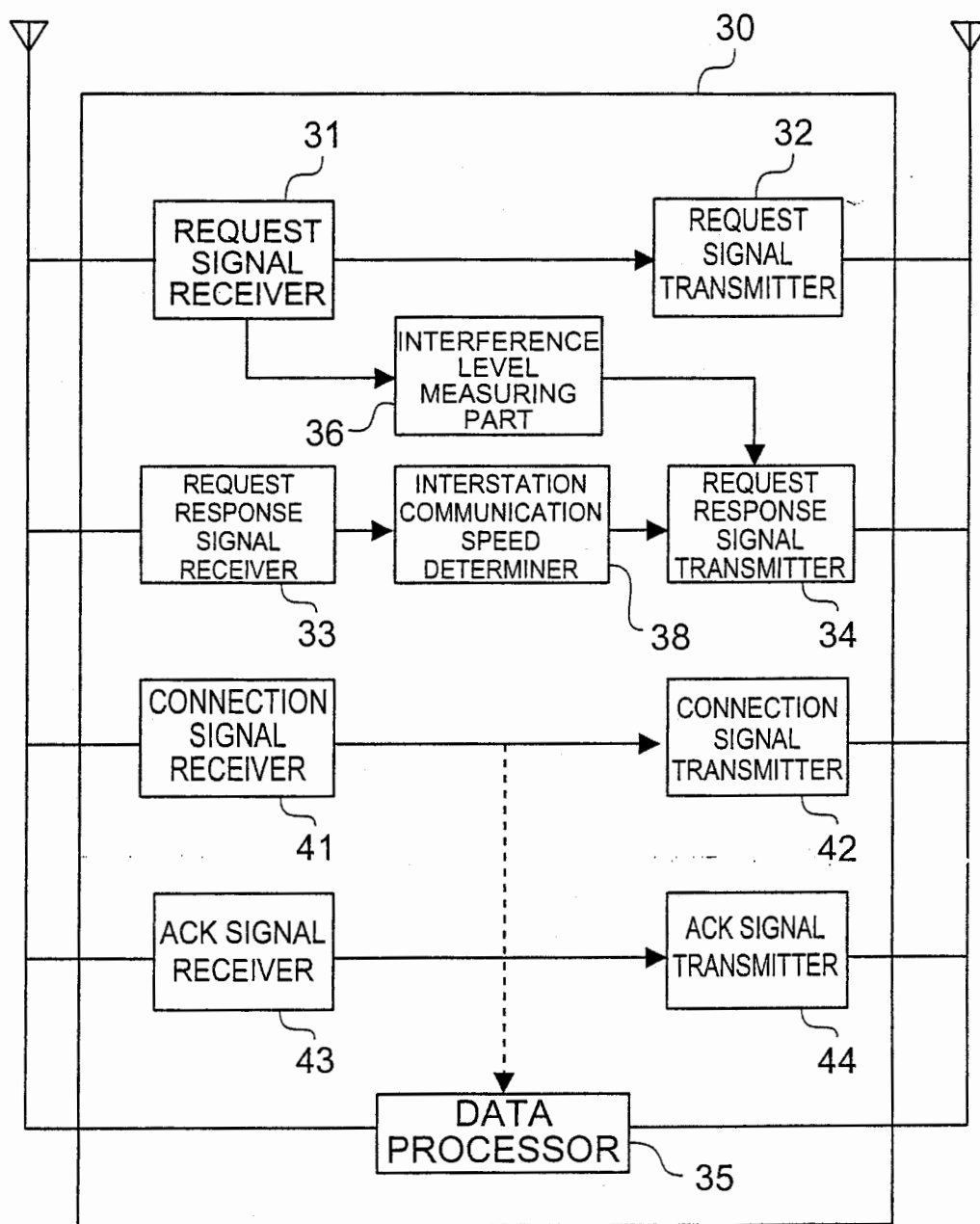


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Fig.13

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Fig.14



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Fig.15

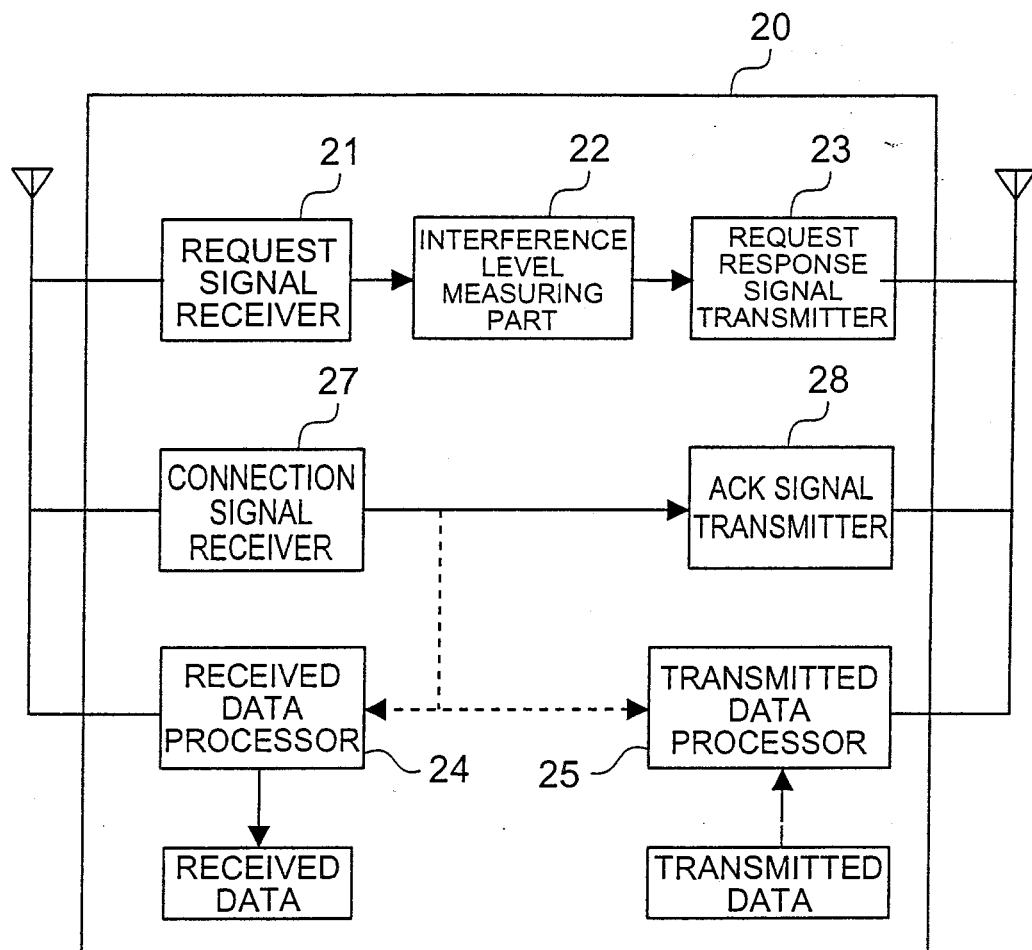
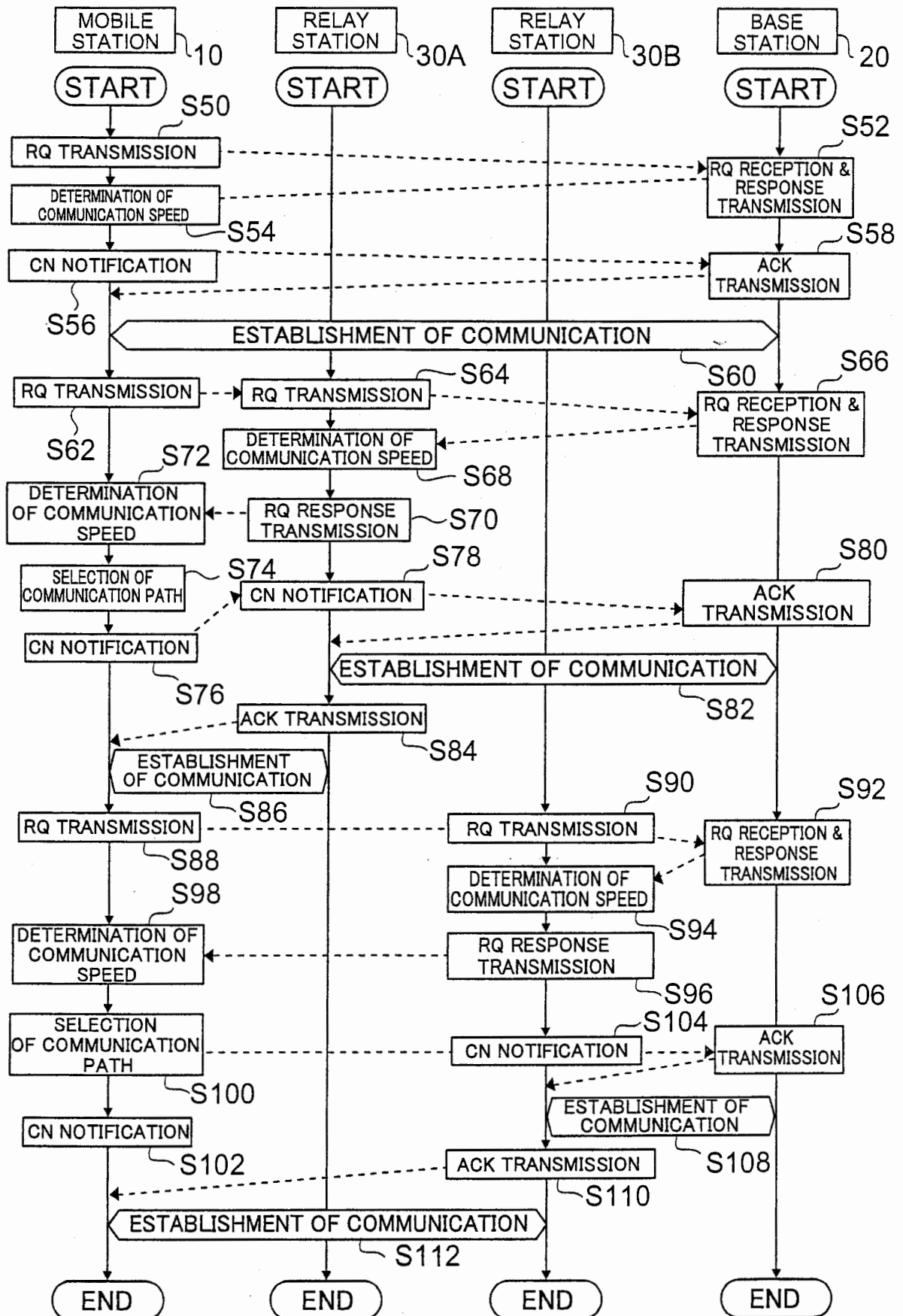


Fig.16

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Fig.17A

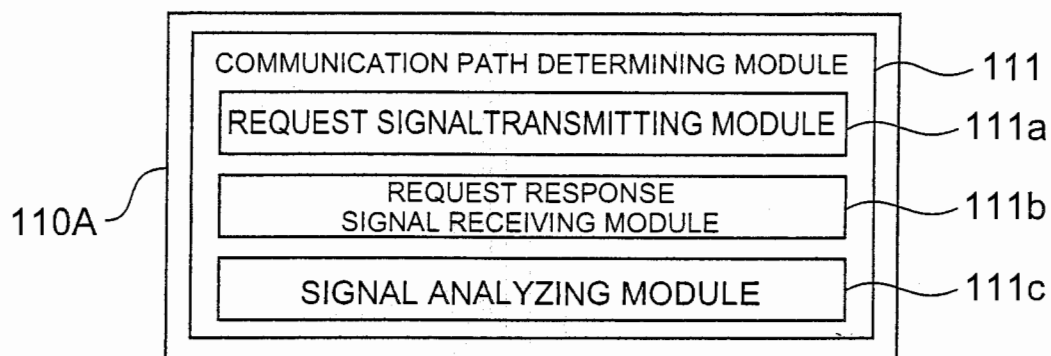


Fig.17B

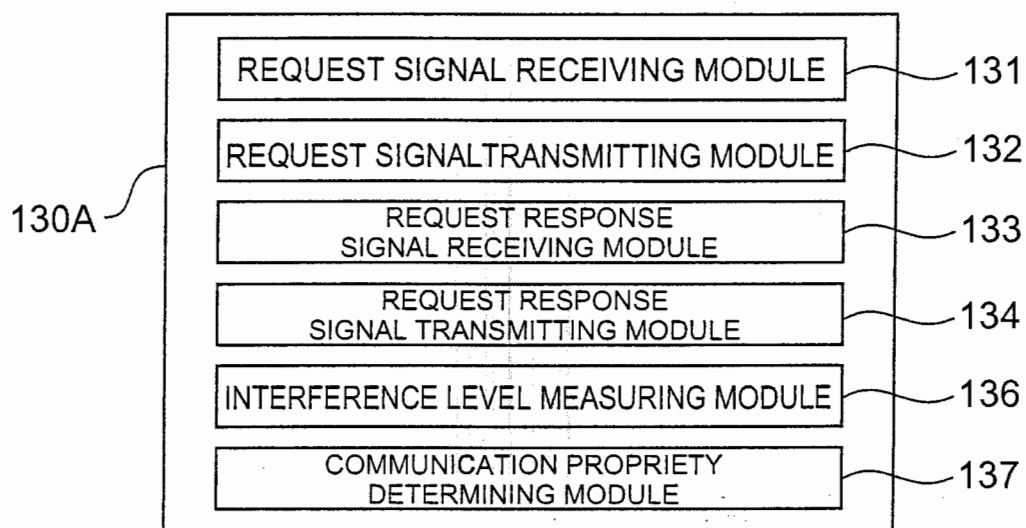
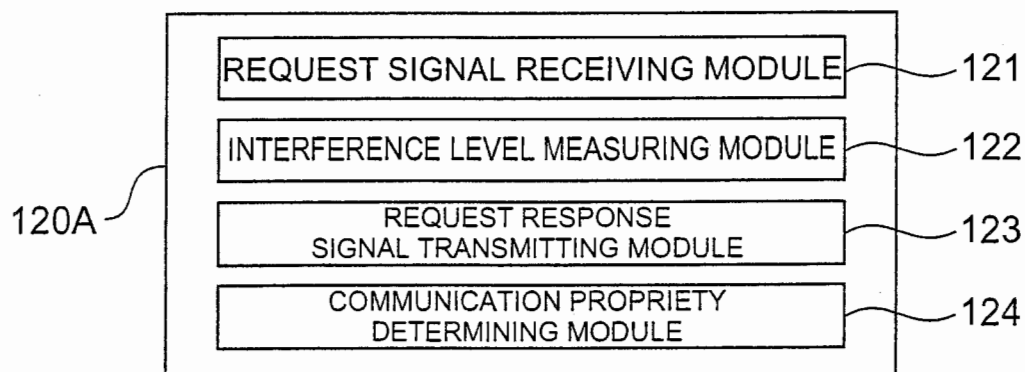


Fig.17C



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Fig.18A

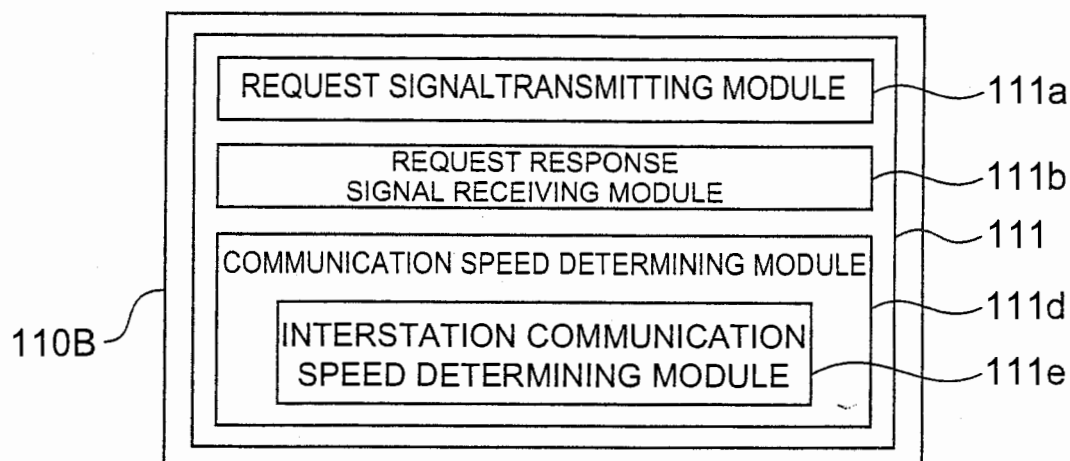


Fig.18B

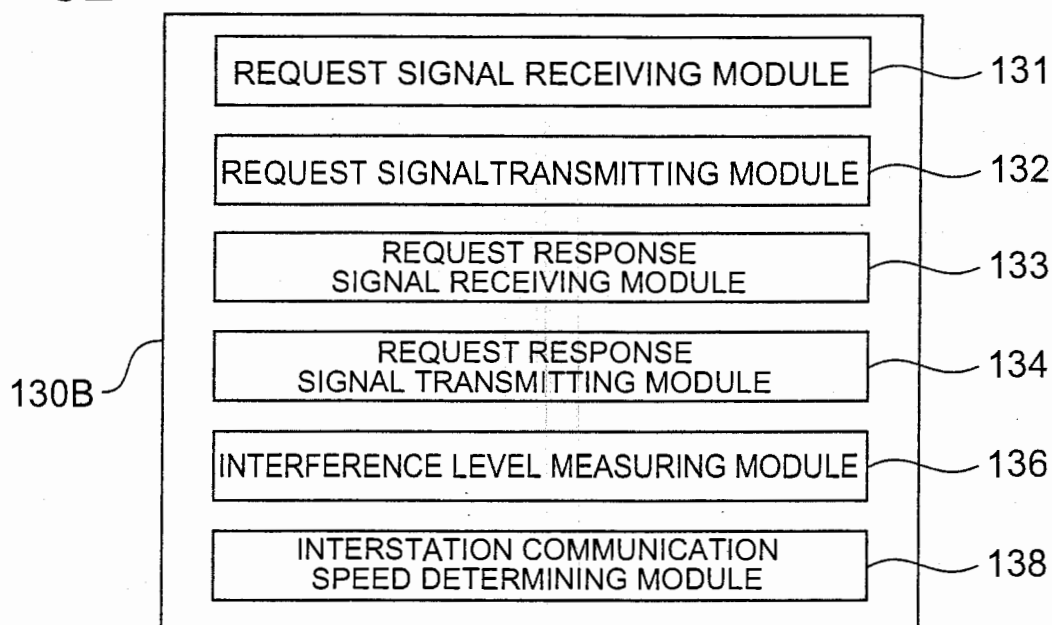


Fig.18C

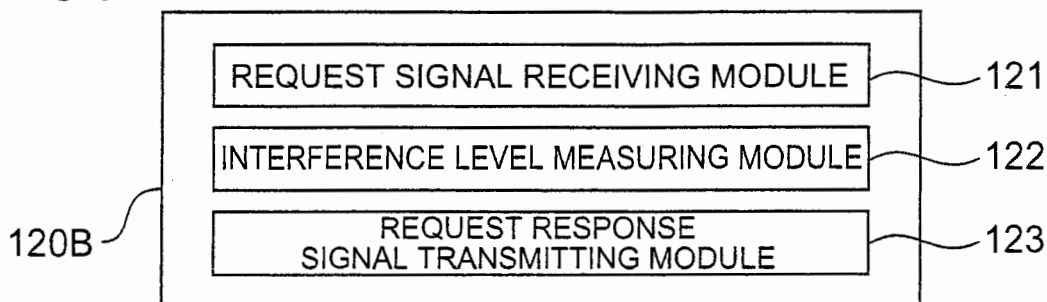


Fig.19

