

FIG. 1

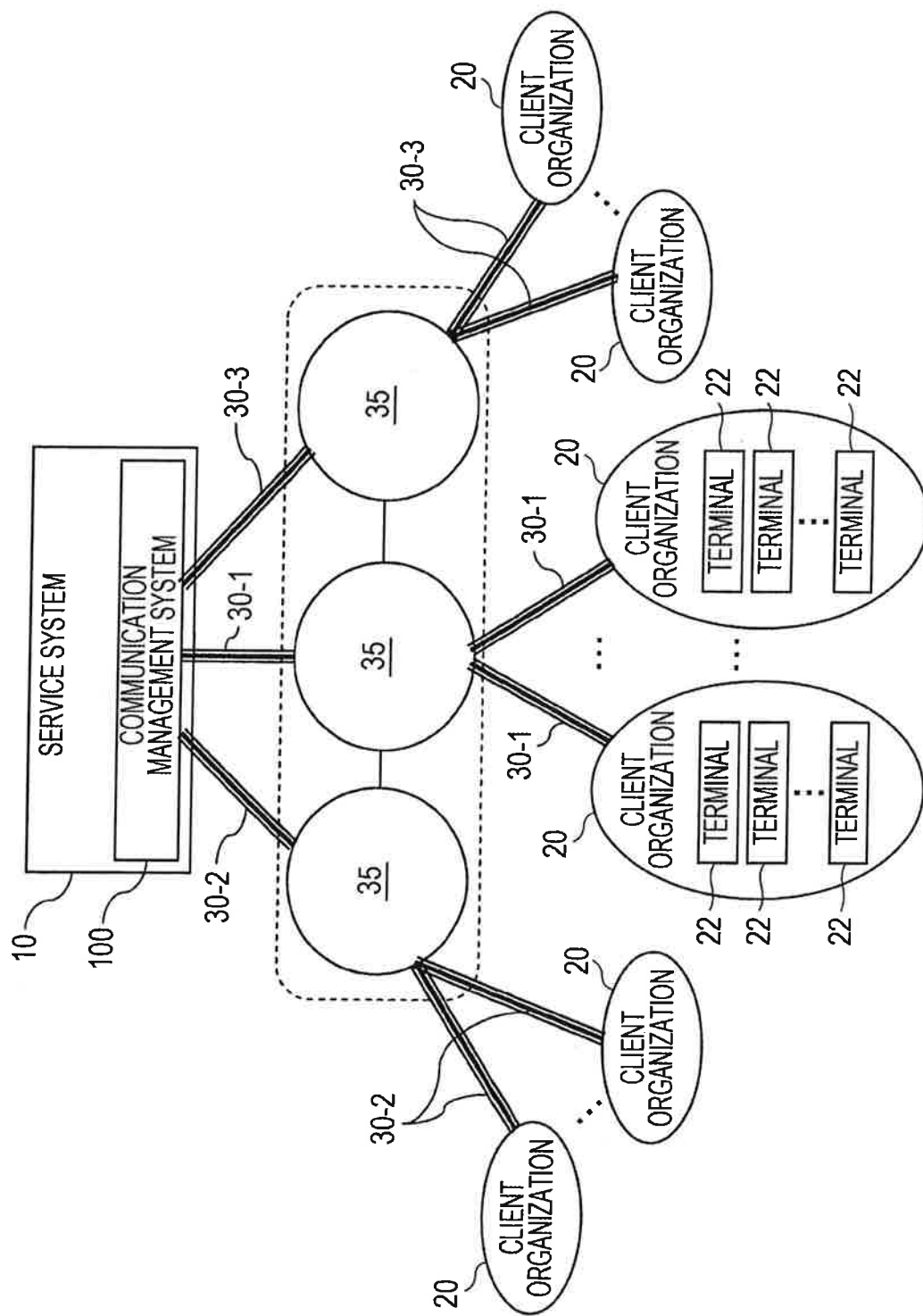


FIG. 2

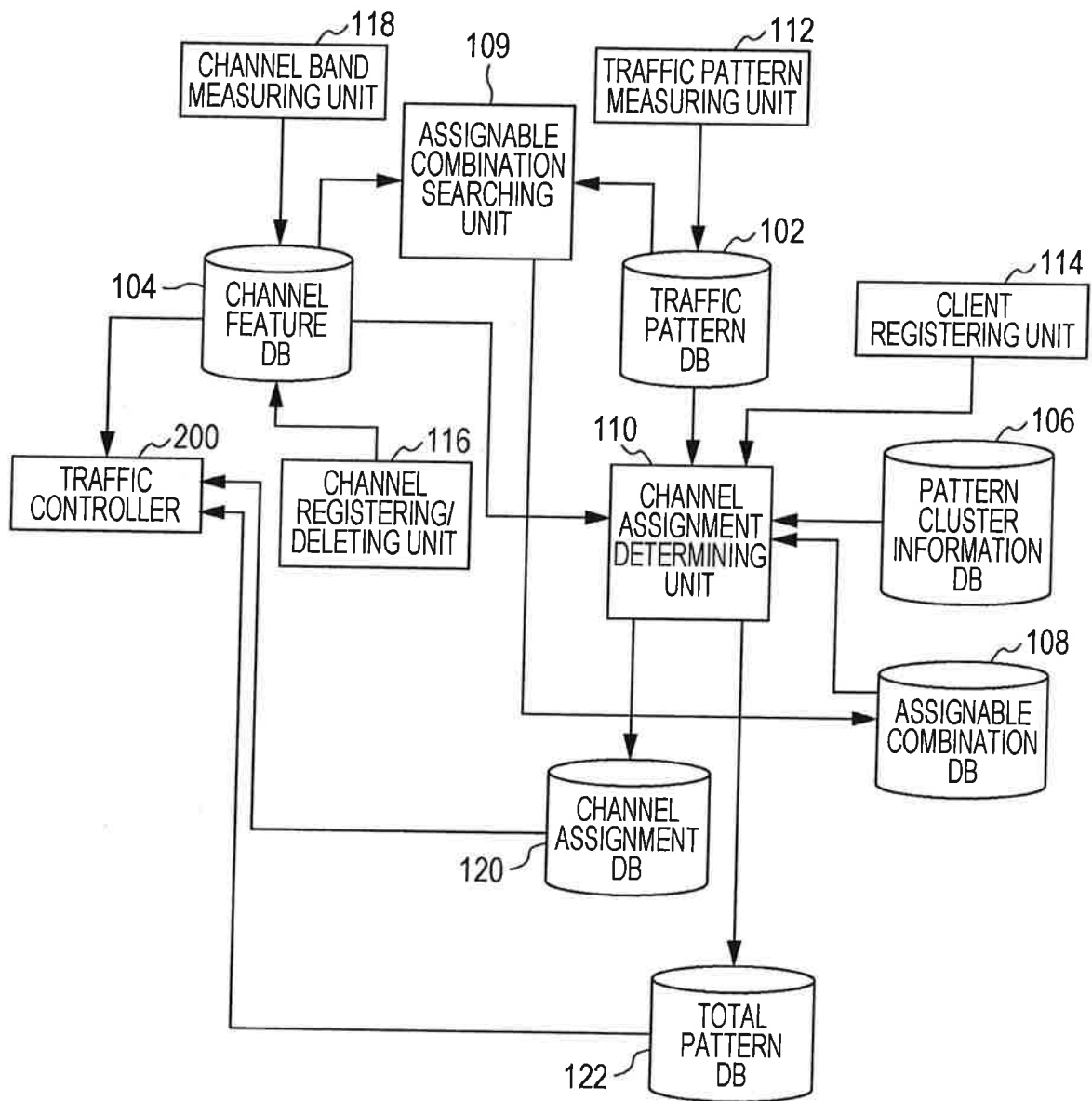


FIG. 3A

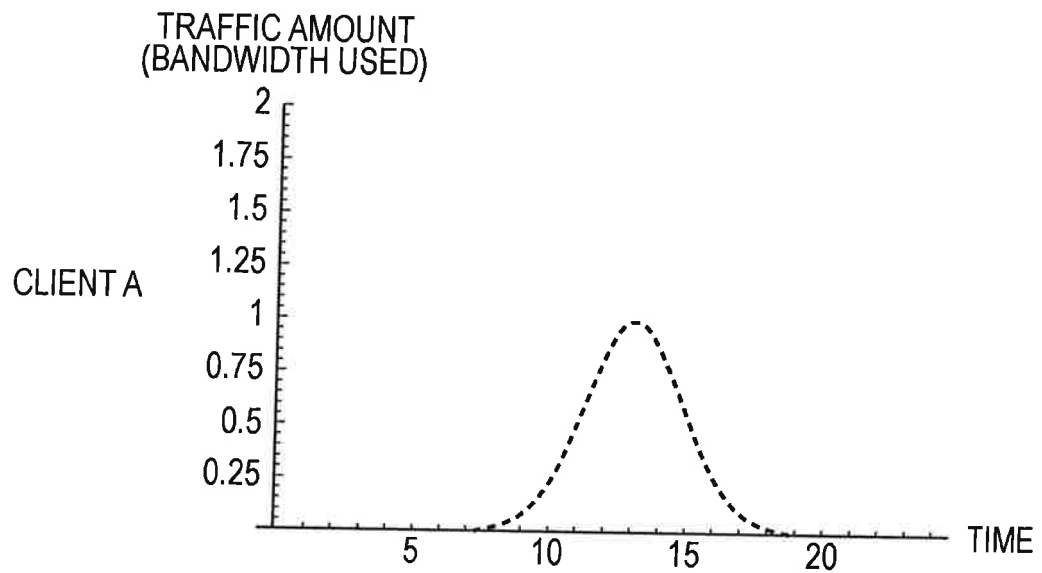


FIG. 3B

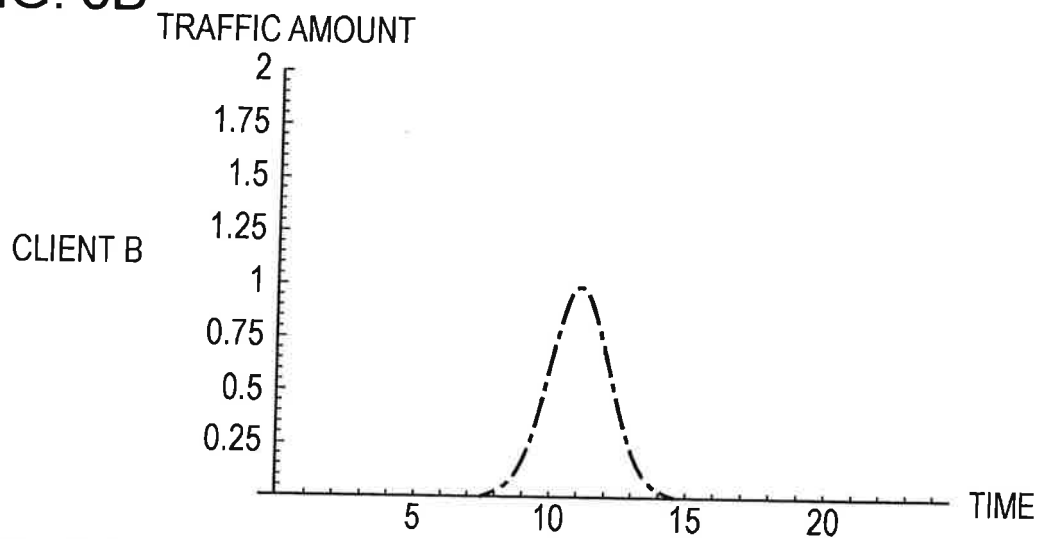


FIG. 3C

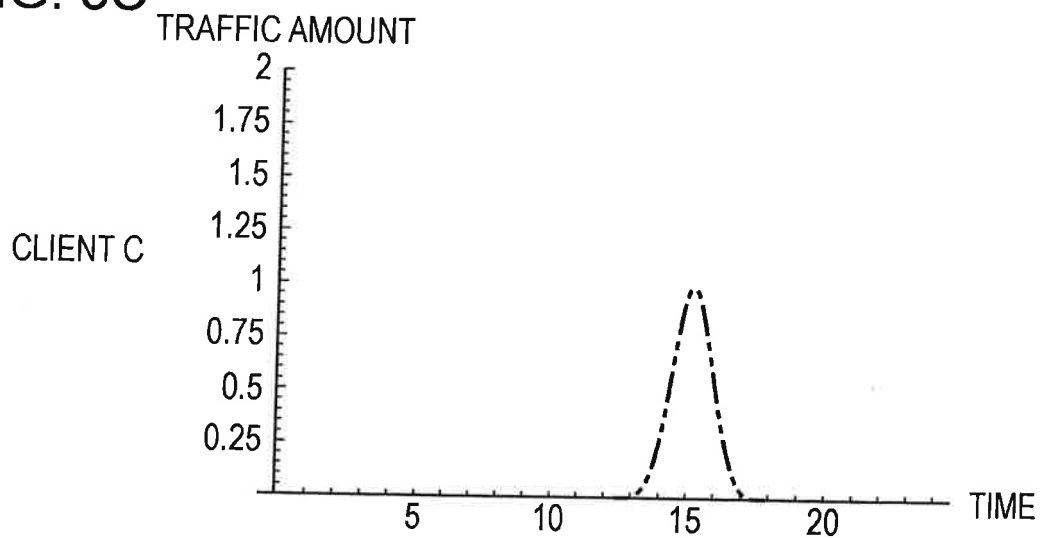


FIG. 4

CLIENT ID	TRAFFIC PATTERN	FEATURE VECTOR
A	<TRAFFIC PATTERN A>	(TmaxA, BmaxA) OR (rA, θ A)
B	<TRAFFIC PATTERN B>	(TmaxB, BmaxB) OR (rB, θ B)
⋮	⋮	⋮

FIG. 5

CHANNEL ID	CHANNEL TYPE	CHANNEL BANDWIDTH
Ch1	BANDWIDTH GUARANTEE	X Gbps
Ch2	BEST EFFORT	<PATTERN OF TEMPORAL CHANGES OF EFFECTIVE BANDWIDTH>
⋮	⋮	⋮

FIG. 6A

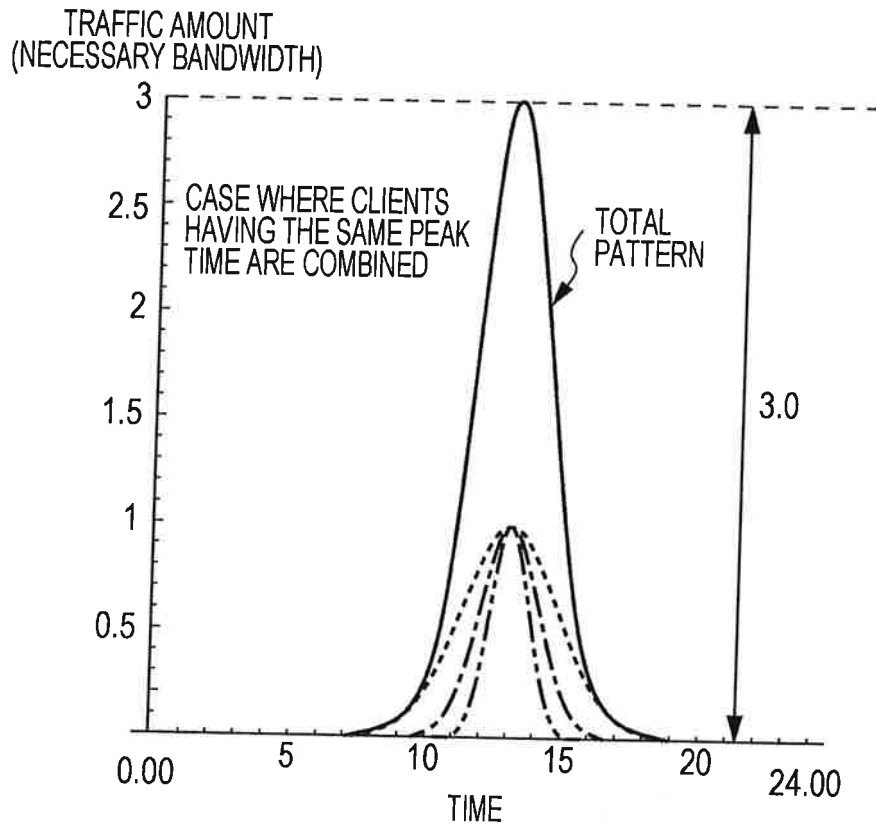


FIG. 6B

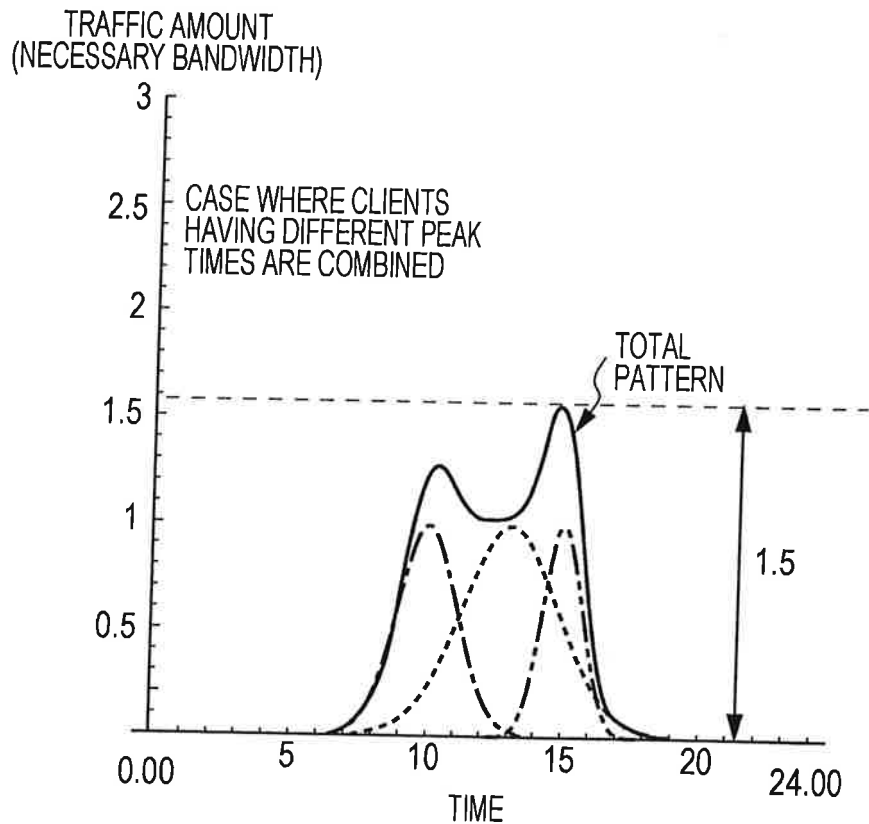


FIG. 7

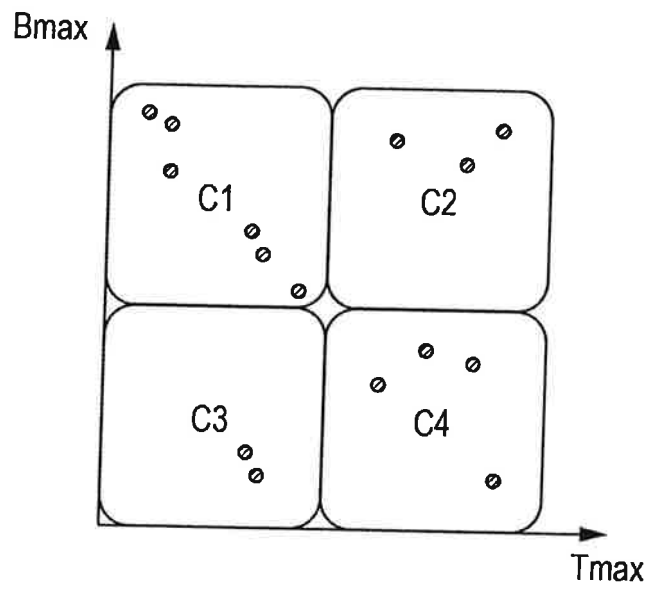
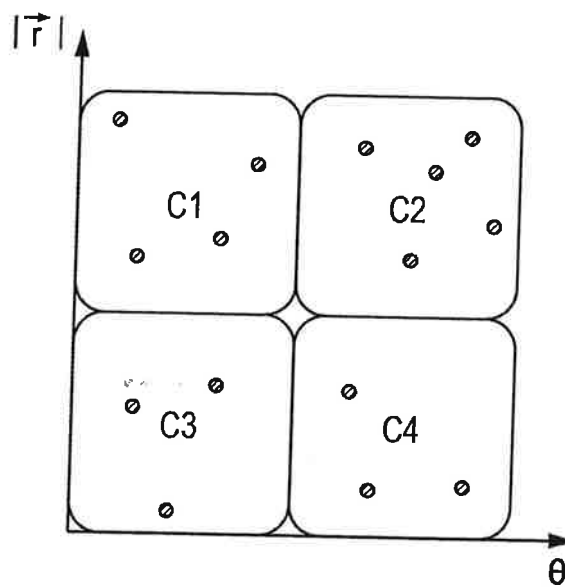


FIG. 8



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FIG. 9

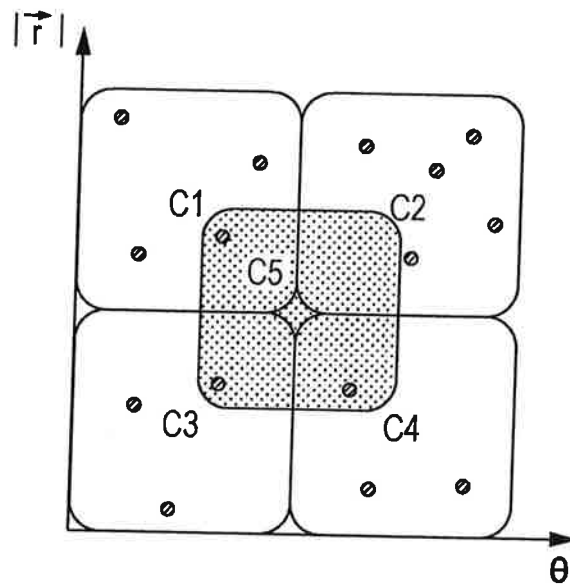


FIG. 10

CLUSTER ID	DEFINITION OF RANGE OF CLUSTER
C1	CENTER (r_1, θ_1), RADIUS R_1
C2	CENTER (r_2, θ_2), RADIUS R_2
$\vdots$	$\vdots$

FIG. 11

CHANNEL ID	LIST OF ASSIGNABLE COMBINATIONS OF CLUSTERS
Ch1	$C_1 + C_2, C_2 + C_3, C_3 + C_3, \dots$
Ch2	$C_1 + C_1, C_1 + C_2 + C_3, C_1 + C_3 + C_3, \dots$
$\vdots$	$\vdots$

FIG. 12

CLIENT ID	ASSIGNED CHANNEL
A	Ch2
B	Ch1
⋮	⋮

FIG. 13

CHANNEL ID	TOTAL PATTERN OF ASSIGNED CLIENTS
Ch1	<TOTAL PATTERN Ch1>
Ch2	<TOTAL PATTERN Ch2>
⋮	⋮

FIG. 14

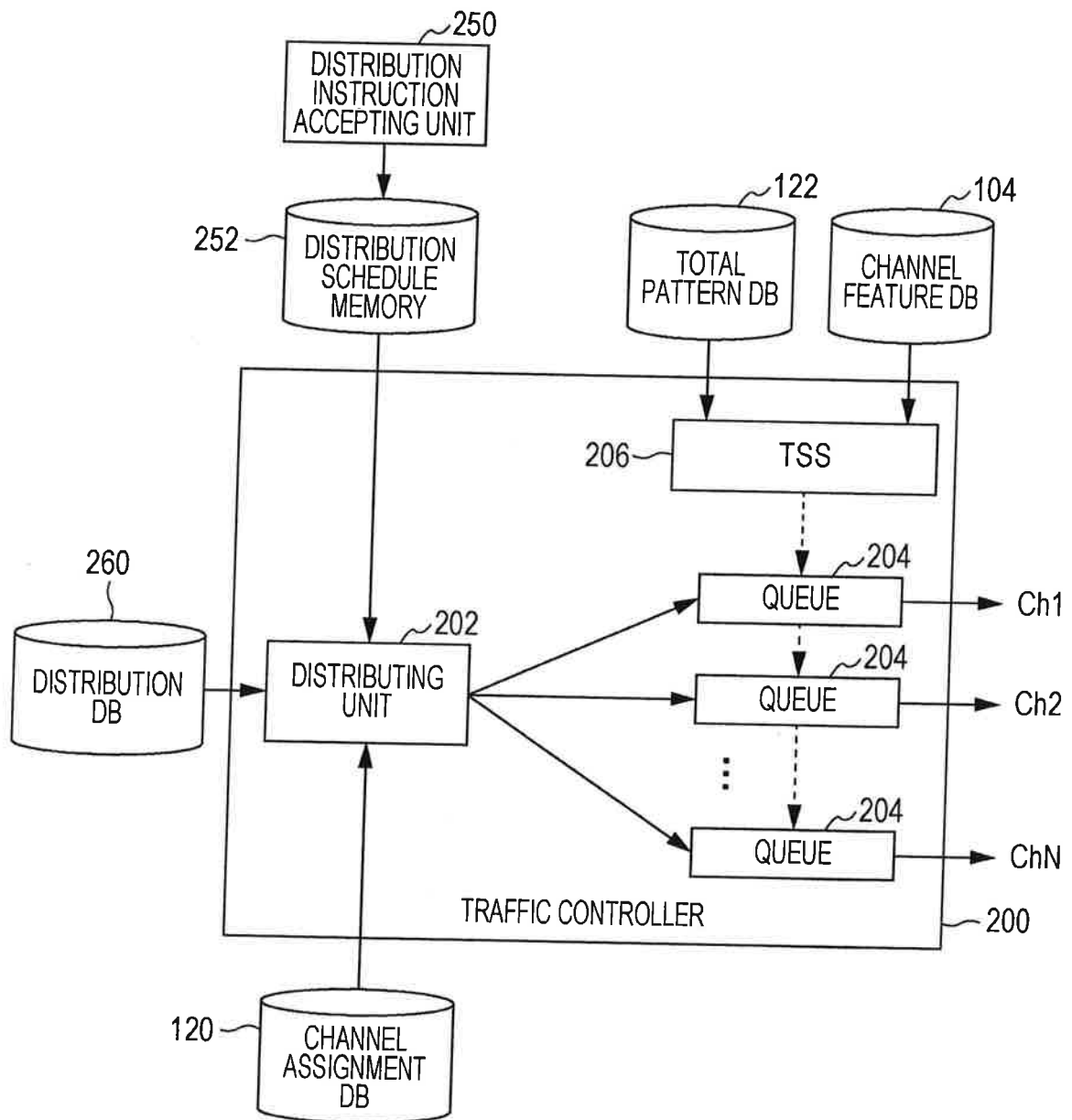


FIG. 15

INSTRUCTION ID	CLIENT ID	USER ID	DESTINATION	DISTRIBUTION DATA ID	SPECIFIED TIME	DISTRIBUTION GUARANTEE TIME
001101	A	A001	xxxxxx	aaaaaaaa	11:00.00	11:01.00
001102	B	B002	yyyyyy	bbbbbbbb	13:00.00	13:00.10
⋮	⋮	⋮	⋮	⋮	⋮	⋮

FIG. 16

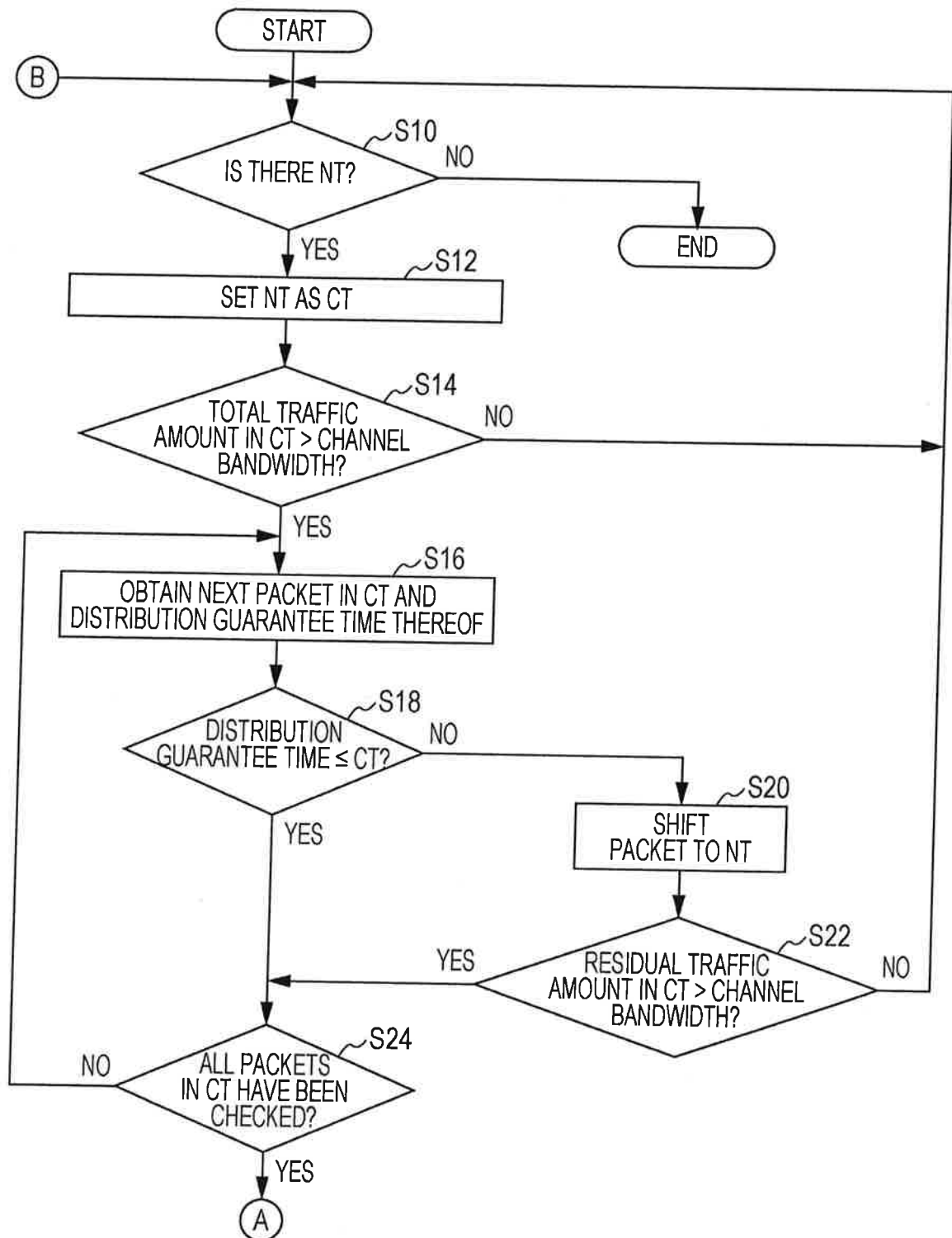


FIG. 17

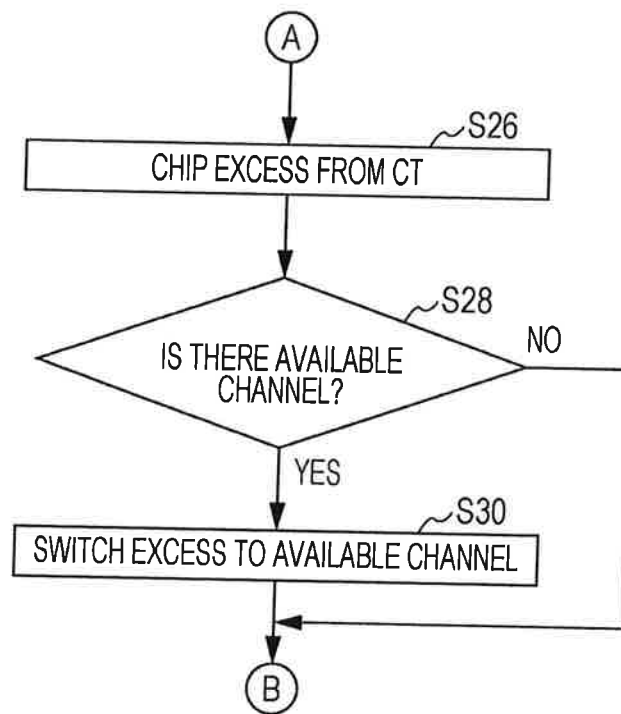


FIG. 18

