

FIG. 1

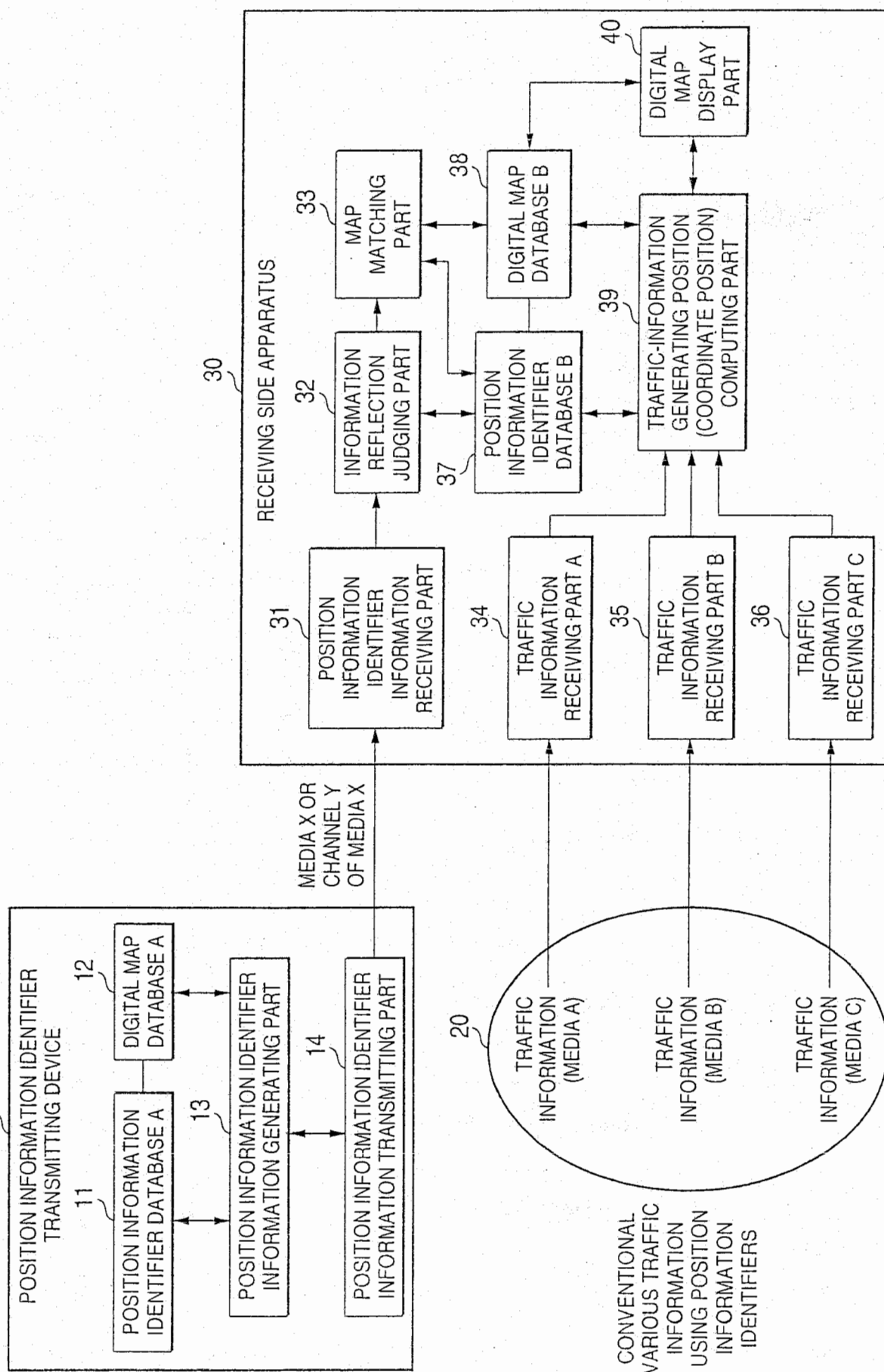


FIG. 2

TYPE OF VECTOR DATA (= ROAD)	
DIRECTION OF ONE-WAY TRAFFIC (FORWARD/BACKWARD/NON)	
TOTAL NUMBER OF NODES	
NODE NUMBER p1	
NODE 1, ABSOLUTE COORDINATE IN DIRECTION X (LONGITUDE)	
NODE 1, ABSOLUTE COORDINATE IN DIRECTION Y (LATITUDE)	
NODE 1, ABSOLUTE AZIMUTH	
NODE 1, SLOPE IN HEIGHT DIRECTION	
POSITION INFORMATION IDENTIFIER NUMBER BETWEEN NODES 1 AND 2 IN FORWARD DIRECTION	POSITION INFORMATION IDENTIFIER NUMBER BETWEEN NODES 1 AND 2 IN BACKWARD DIRECTION
NODE NUMBER p2	
NODE 2, RELATIVE COORDINATE (x2)	
NODE 2, RELATIVE COORDINATE (y2)	
NODE 2, RELATIVE AZIMUTH	
NODE 2, SLOPE IN HEIGHT DIRECTION	
POSITION INFORMATION IDENTIFIER NUMBER BETWEEN NODES 2 AND 3 IN FORWARD DIRECTION	POSITION INFORMATION IDENTIFIER NUMBER BETWEEN NODES 2 AND 3 IN BACKWARD DIRECTION
⋮	
POSITION INFORMATION IDENTIFIER NUMBER BETWEEN NODES n - 1 AND n IN FORWARD DIRECTION	POSITION INFORMATION IDENTIFIER NUMBER BETWEEN NODES n - 1 AND n IN BACKWARD DIRECTION
NODE NUMBER pn	
NODE n, RELATIVE COORDINATE (xn)	
NODE n, RELATIVE COORDINATE (yn)	
NODE n, RELATIVE AZIMUTH	
NODE n, SLOPE IN HEIGHT DIRECTION	

FIG. 3

ROAD TYPE CODE
ROAD NUMBER
TOLL ROAD CODE
NODE NUMBER p_4
NUMBER OF CONNECTION LINKS I_4 AT P_4
CONNECTION LINK ANGLE 1 AT P_4
⋮
CONNECTION LINK ANGLE I_4 AT P_4
⋮
NUMBER OF CONNECTION LINKS I_n AT P_m
CONNECTION LINK ANGLE 1 AT P_m
⋮
CONNECTION LINK ANGLE I_n AT P_m

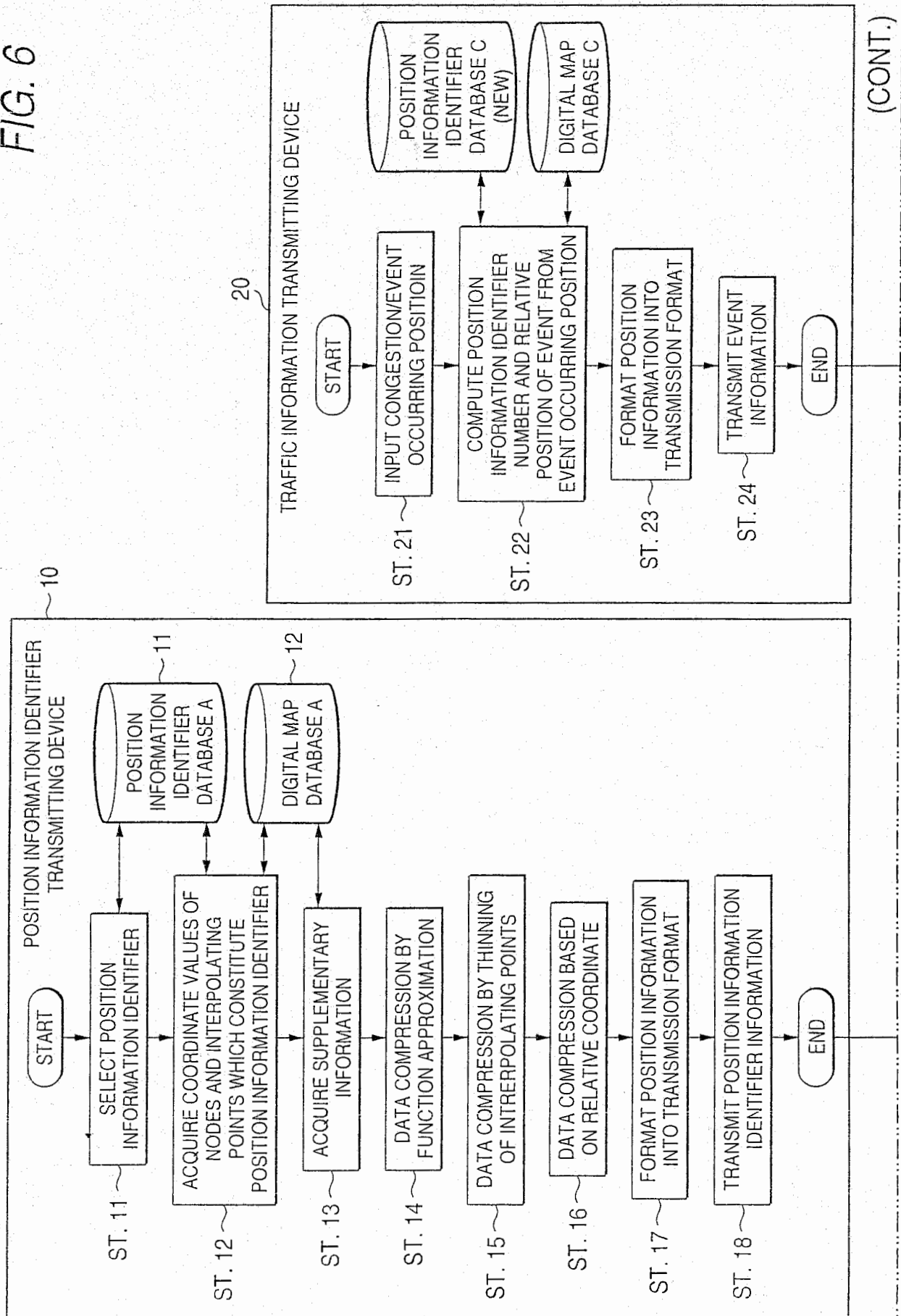
FIG. 4

EVENT NUMMBER J1
DETAILED ACCIDENT INFORMATION
NUMBER OF CONSTITUENT IDENTIFIERS
POSITION INFORMATION IDENTIFIER NUMBER V1
POSITION INFORMATION IDENTIFIER NUMBER V2
⋮
POSITION INFORMATION IDENTIFIER NUMBER Vn
DISTANCE FROM POSITION INFORMATION IDENTIFIER NUMBER V1 (HEAD OF EVENT OCCURRING LOCATION)
DISTANCE FROM POSITION INFORMATION IDENTIFIER NUMBER Vn (END OF EVENT OCCURRING LOCATION)

FIG. 5

CONGESTION DEGREE (HEAVY CONGESTION/CONGESTION)
POSITION INFORMATION IDENTIFIER NUMBER V1
DISTANCE FROM POSITION INFORMATION IDENTIFIER NUMBER V1 (HEAD OF CONGESTION OCCURRING LOCATION)
DISTANCE FROM POSITION INFORMATION IDENTIFIER NUMBER V1 (END OF CONGESTION OCCURRING LOCATION)
⋮
CONGESTION DEGREE (HEAVY CONGESTION/CONGESTION)
POSITION INFORMATION IDENTIFIER NUMBER Vn
DISTANCE FROM POSITION INFORMATION IDENTIFIER NUMBER Vn (HEAD OF CONGESTION OCCURRING LOCATION)
DISTANCE FROM POSITION INFORMATION IDENTIFIER NUMBER Vn (END OF CONGESTION OCCURRING LOCATION)

FIG. 6



(FIG. 6 CONTINUED)

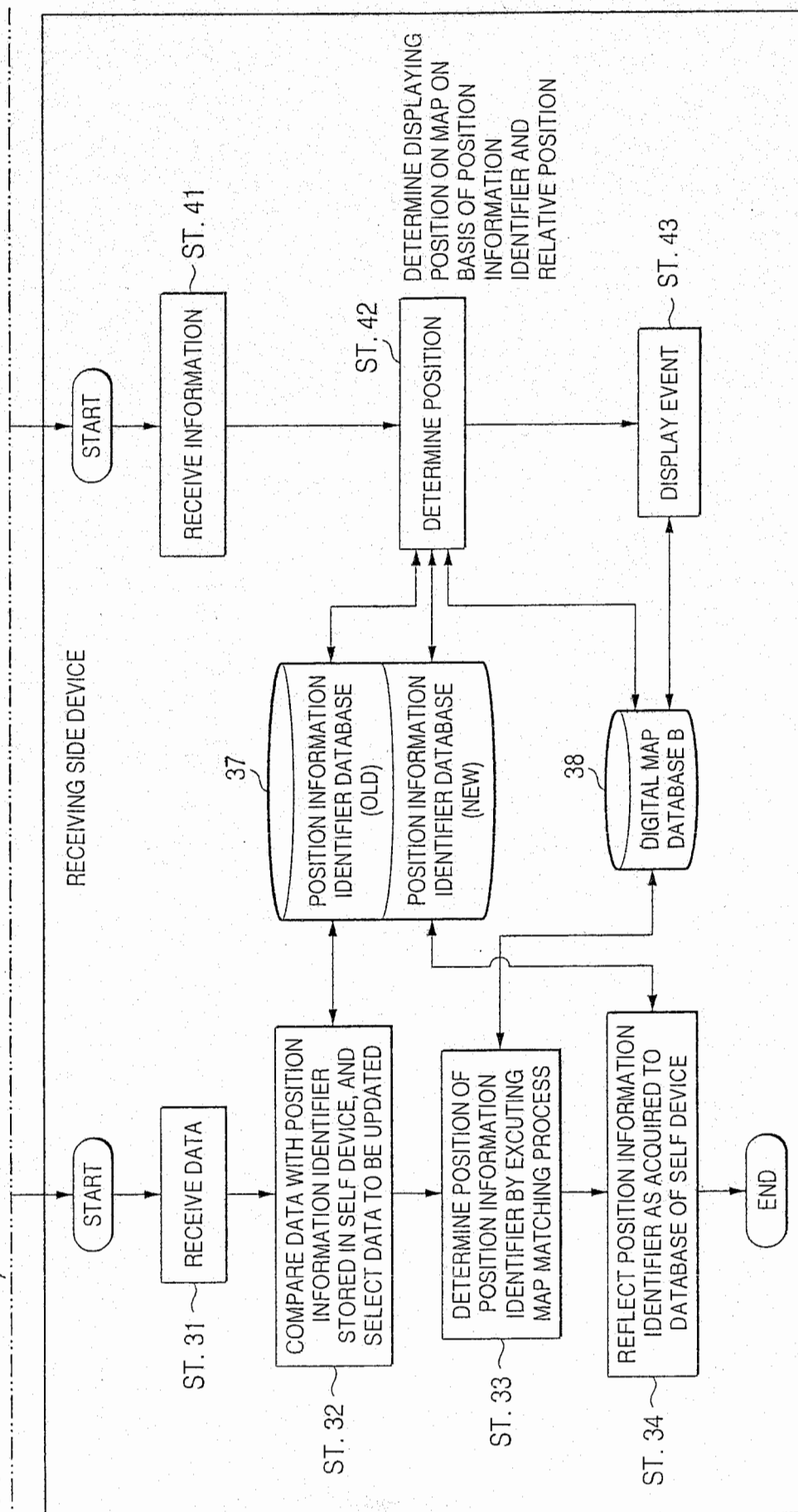
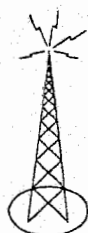


FIG. 7

MEDIA A
(GROUND WAVE DIGITAL
BROADCASTING, ETC.)



< CHANNEL A >
INFORMATION BY USING POSITION
INFORMATION IDENTIFIER
(CONVENTIONAL VICS
INFORMATION)

< CHANNEL B >
POSITION INFORMATION
IDENTIFIER INFORMATION
(INFORMATION ON VICS LINK PER SE)
(POSITION INFORMATION IDENTIFIER
NUMBER + INFORMATION ON ROAD
SHAPE, REFERENCE POINT, ETC.)

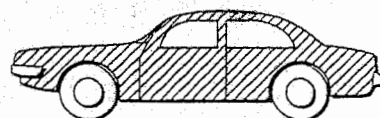


FIG. 8

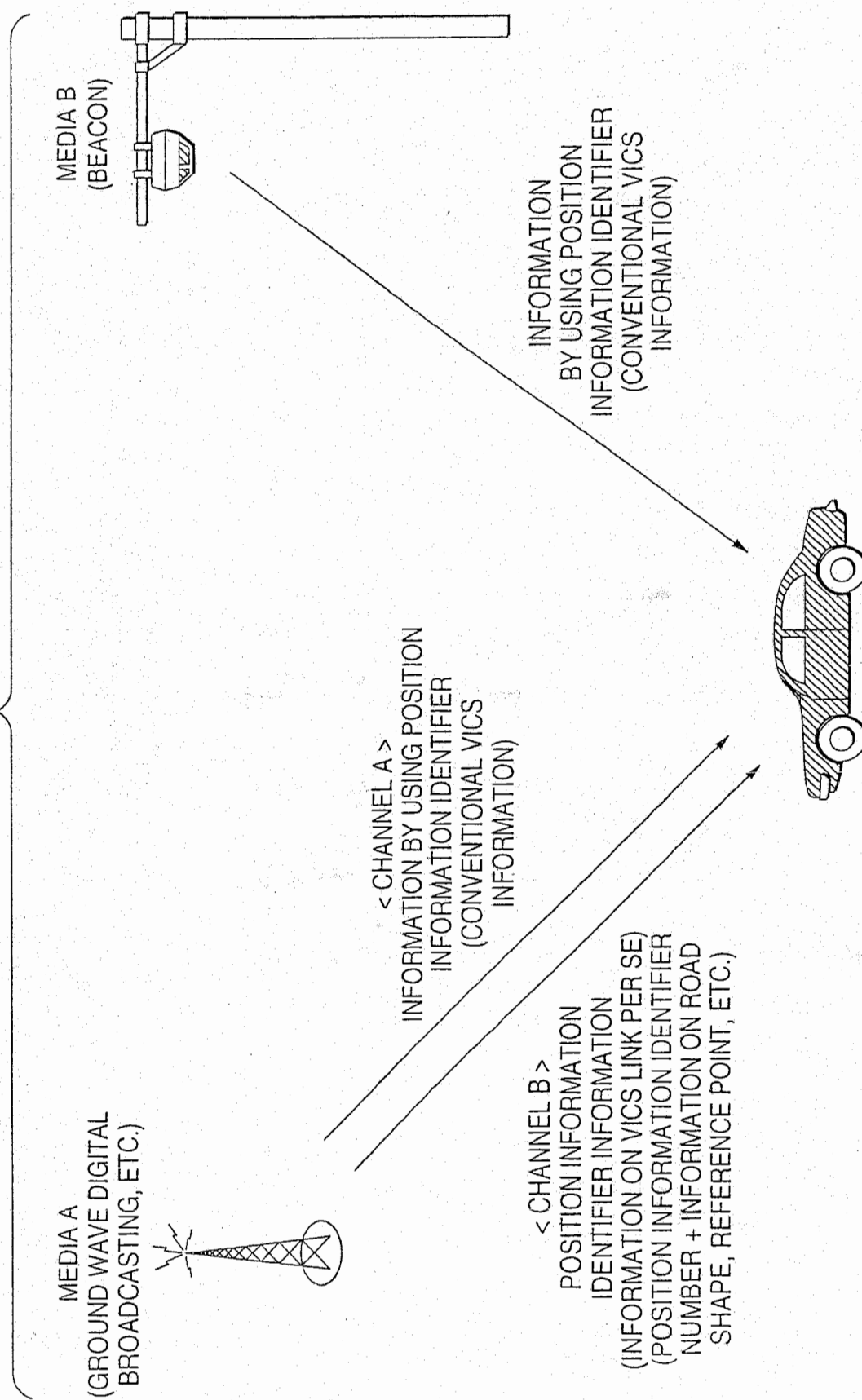


FIG. 9

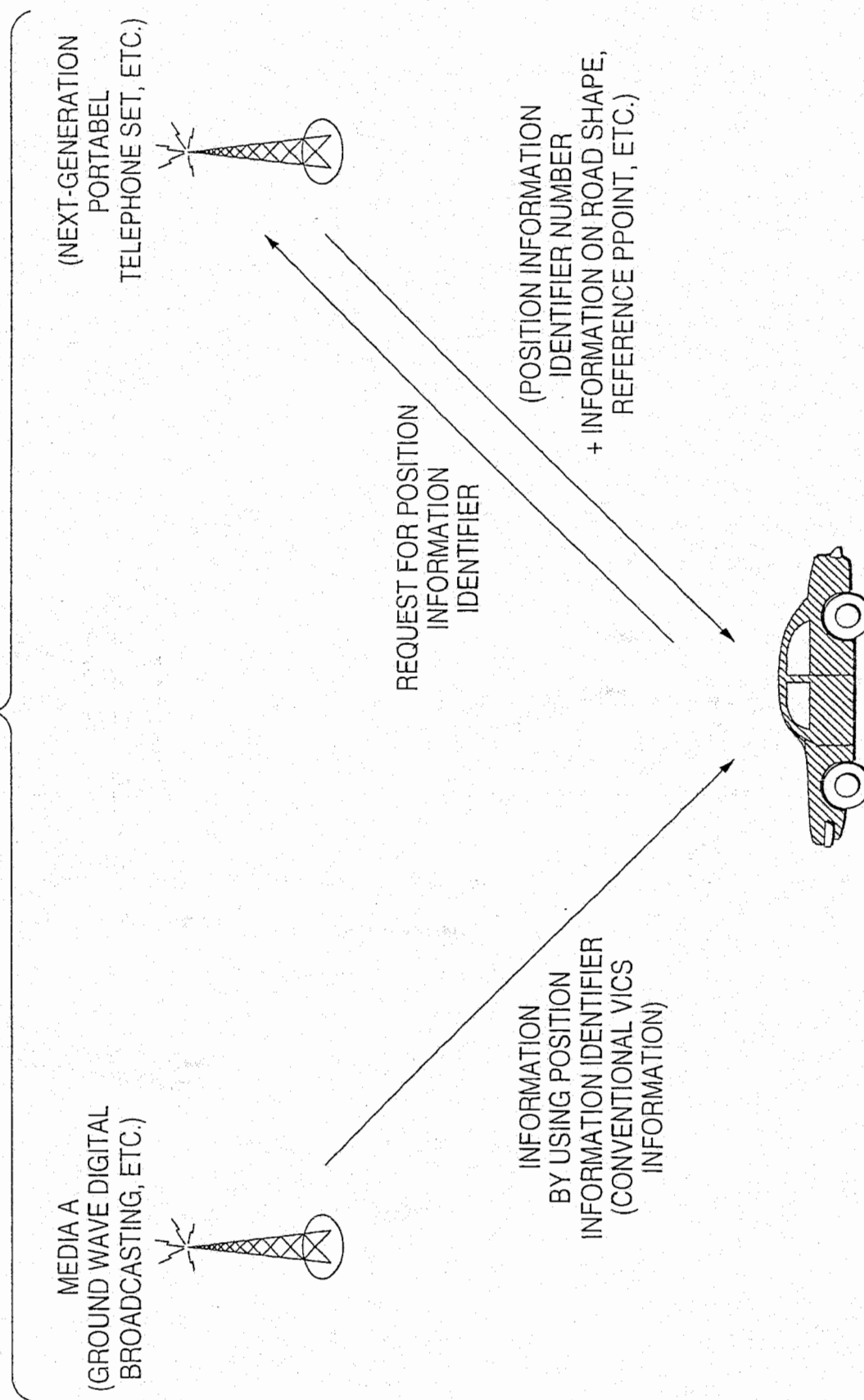


FIG. 10

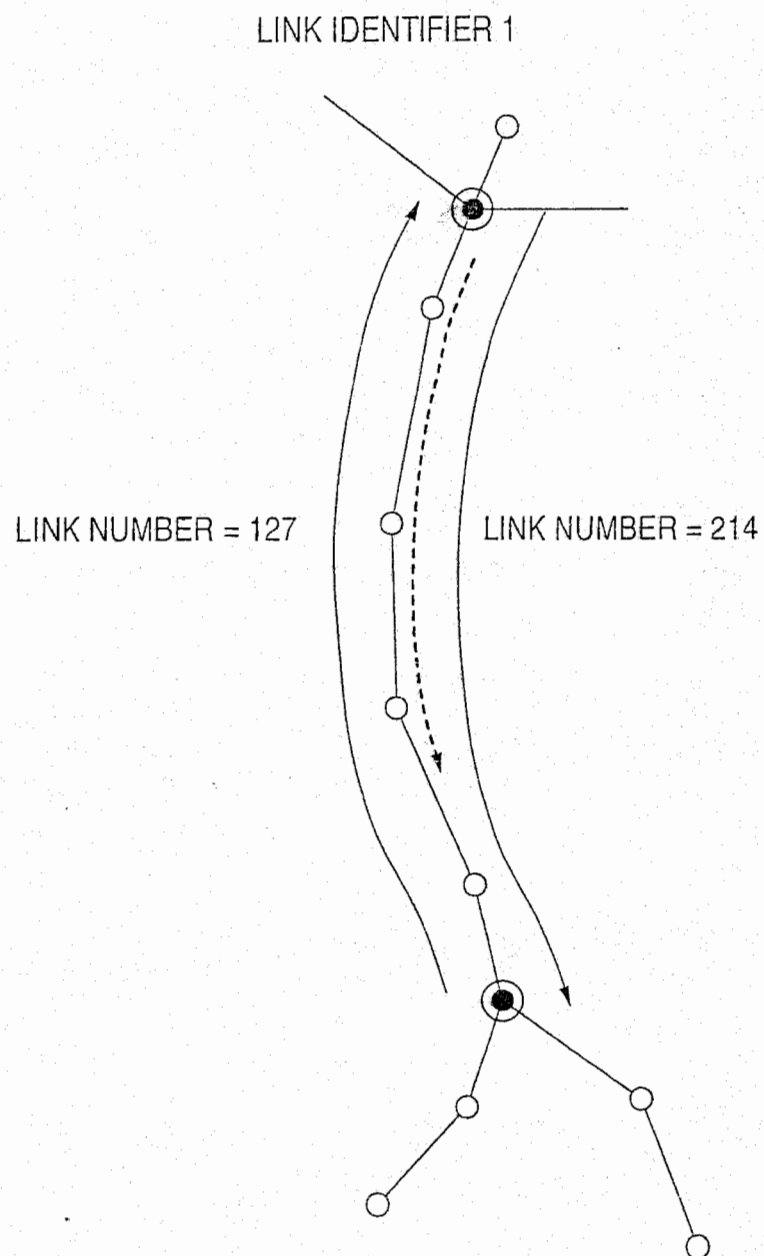


FIG. 11

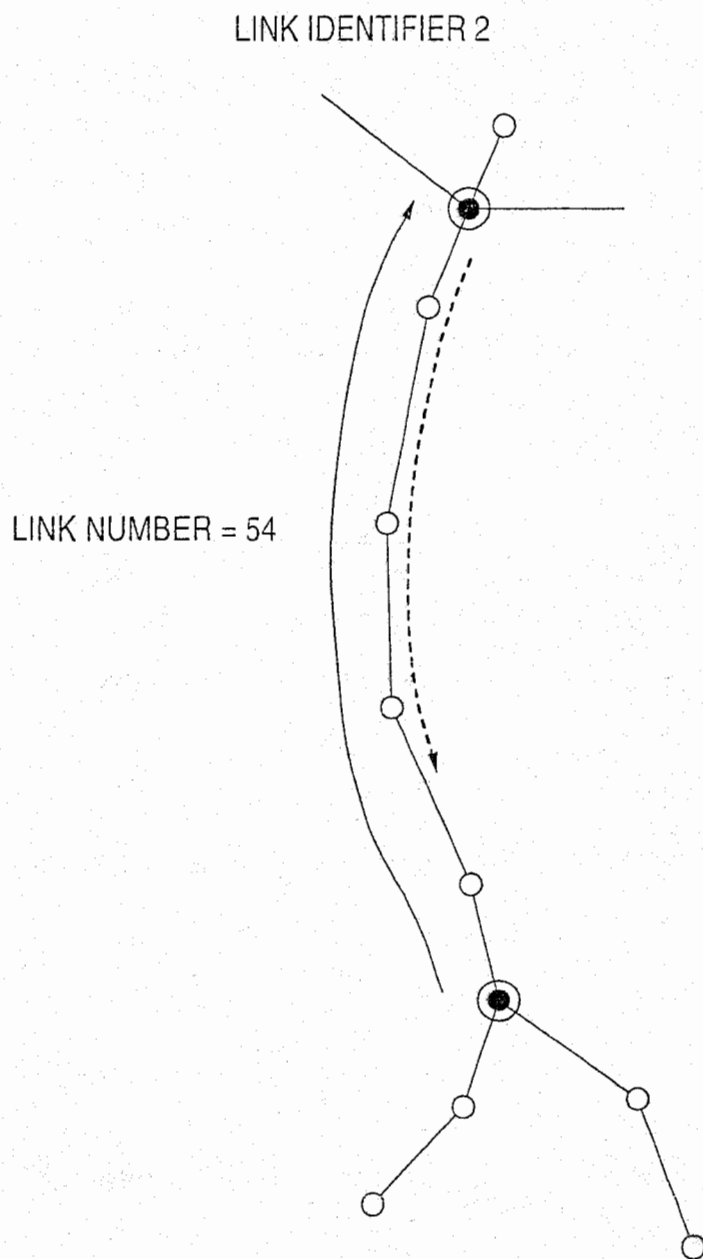


FIG. 12

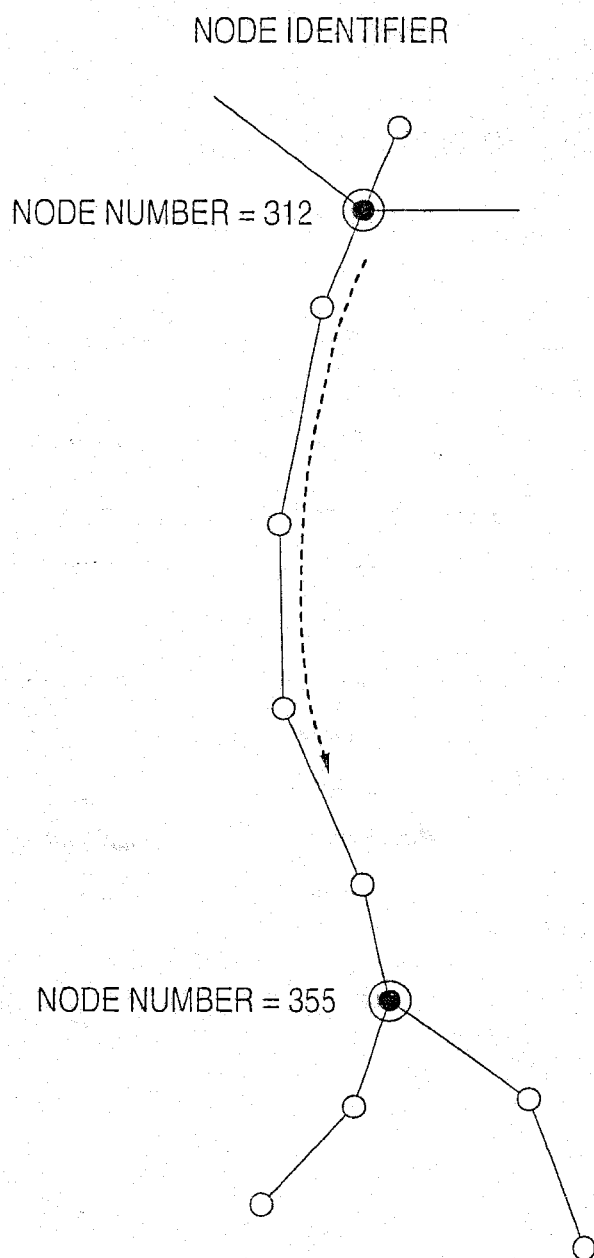


FIG. 13

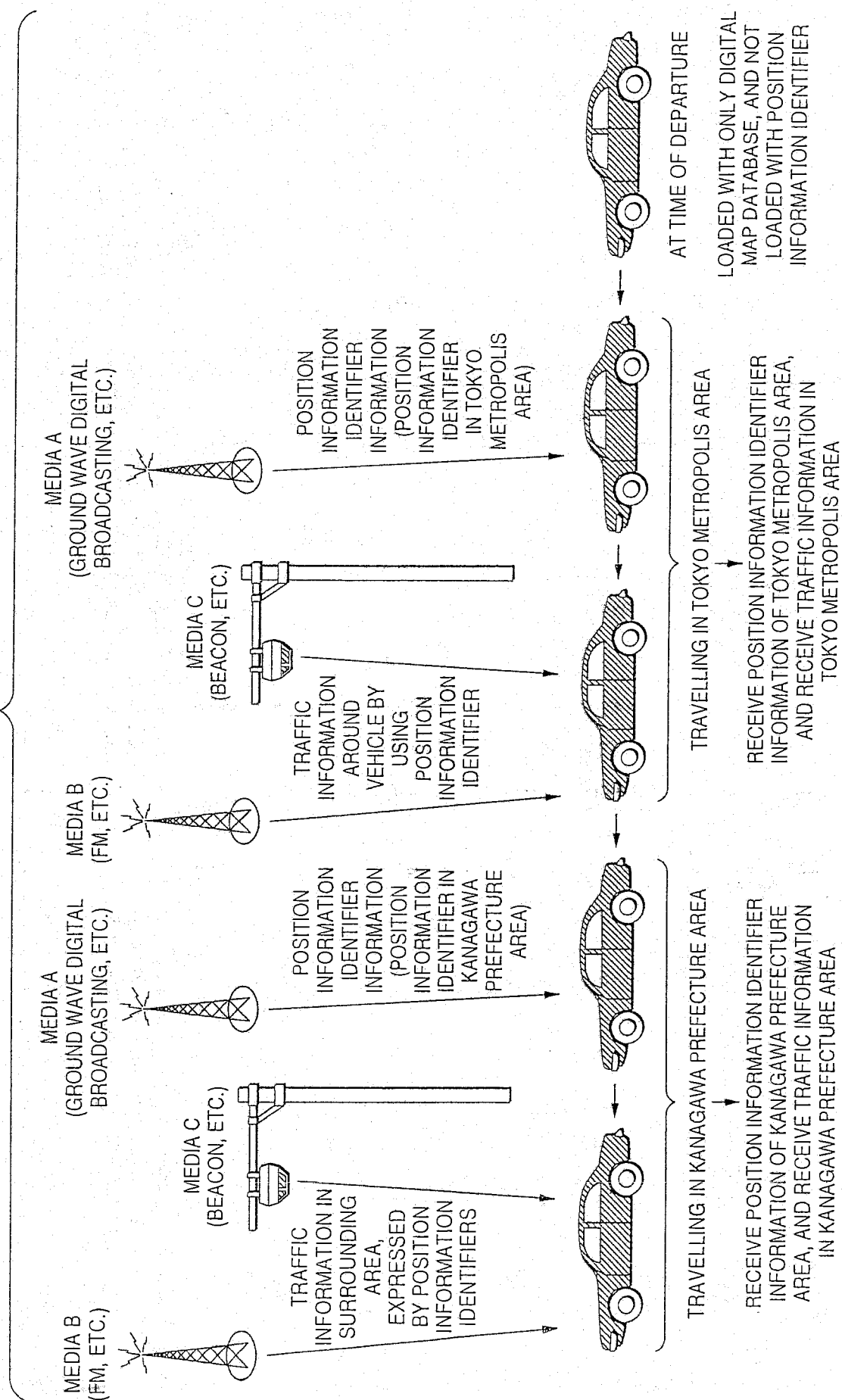


FIG. 14 (a)

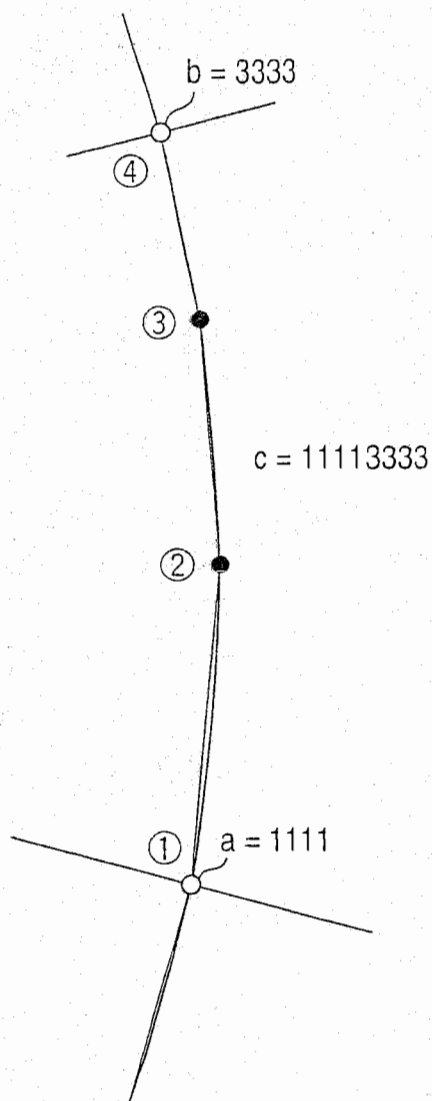


FIG. 14 (b)

