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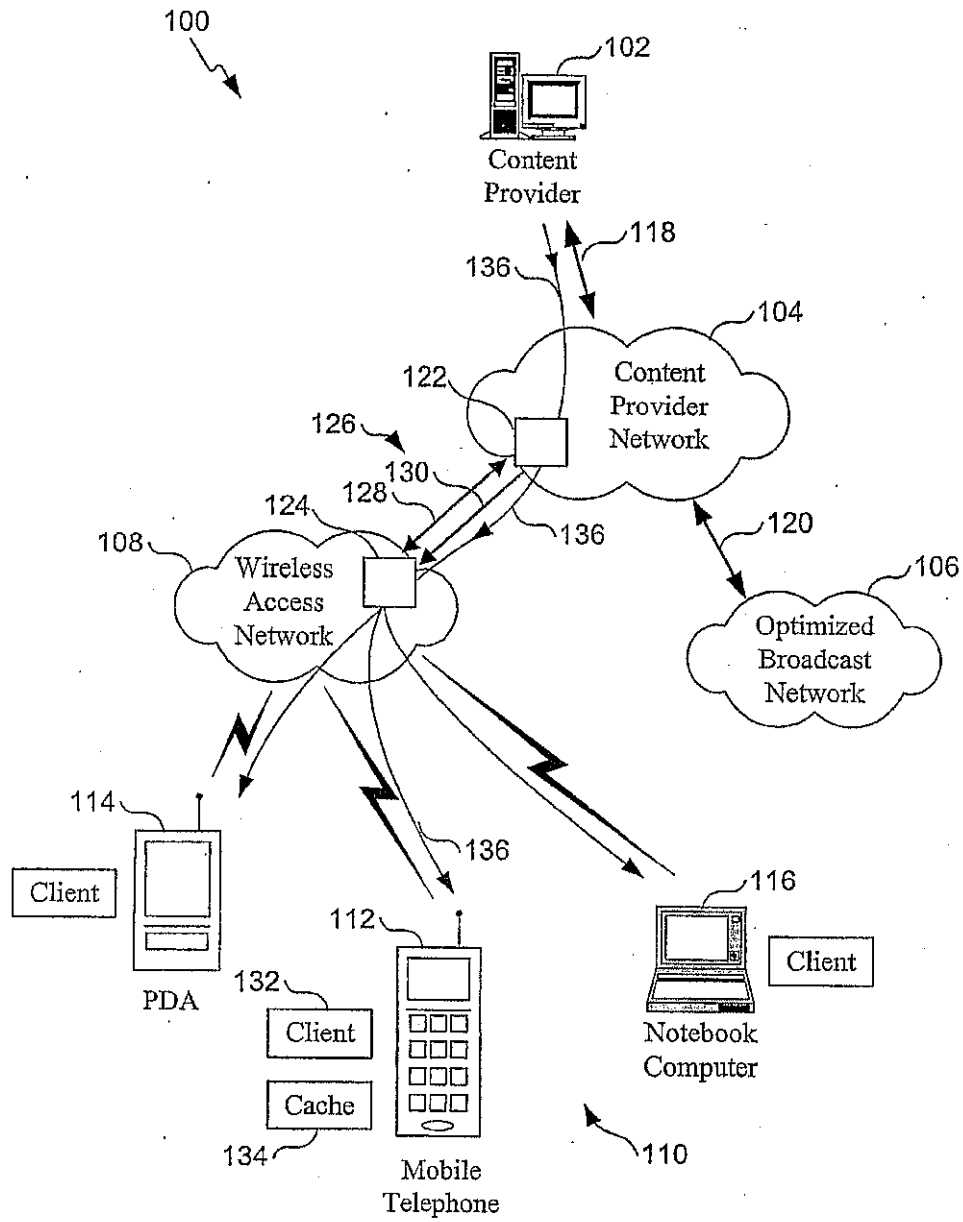


FIG. 1

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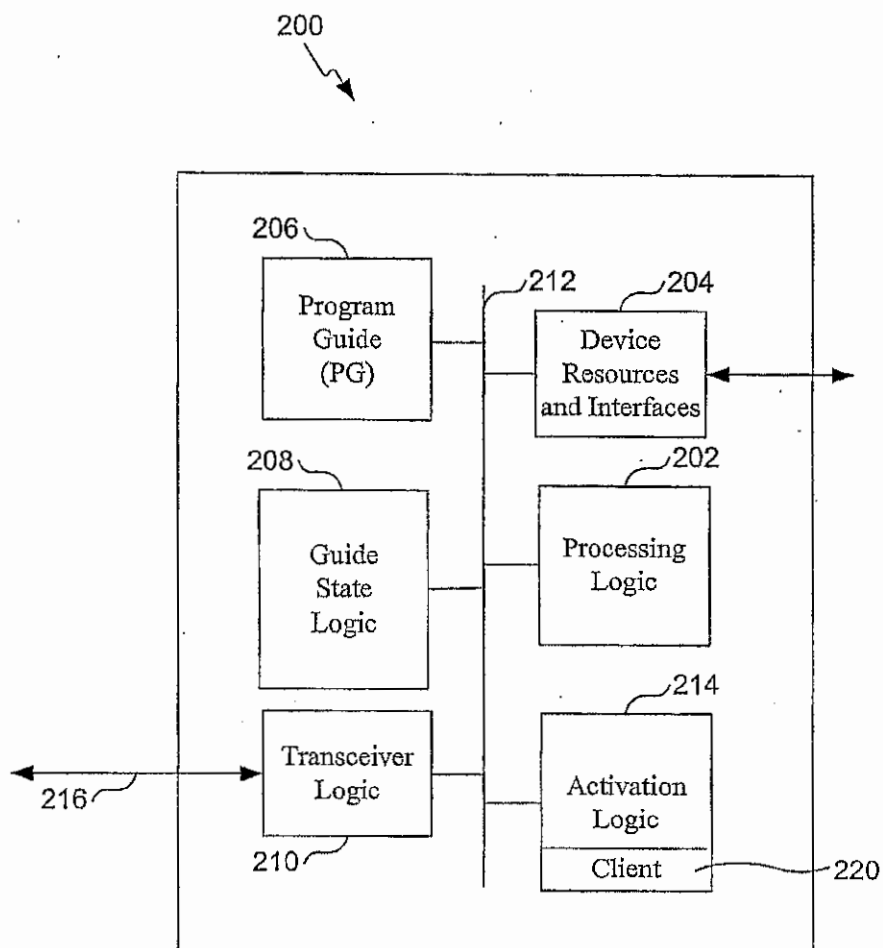
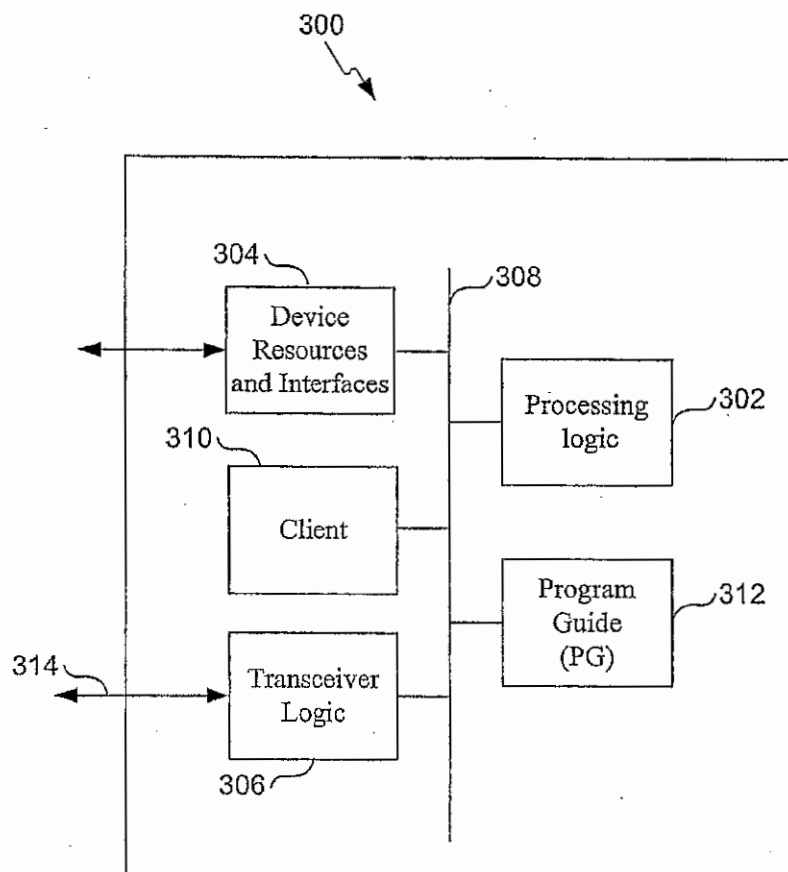


FIG. 2

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**FIG. 3**

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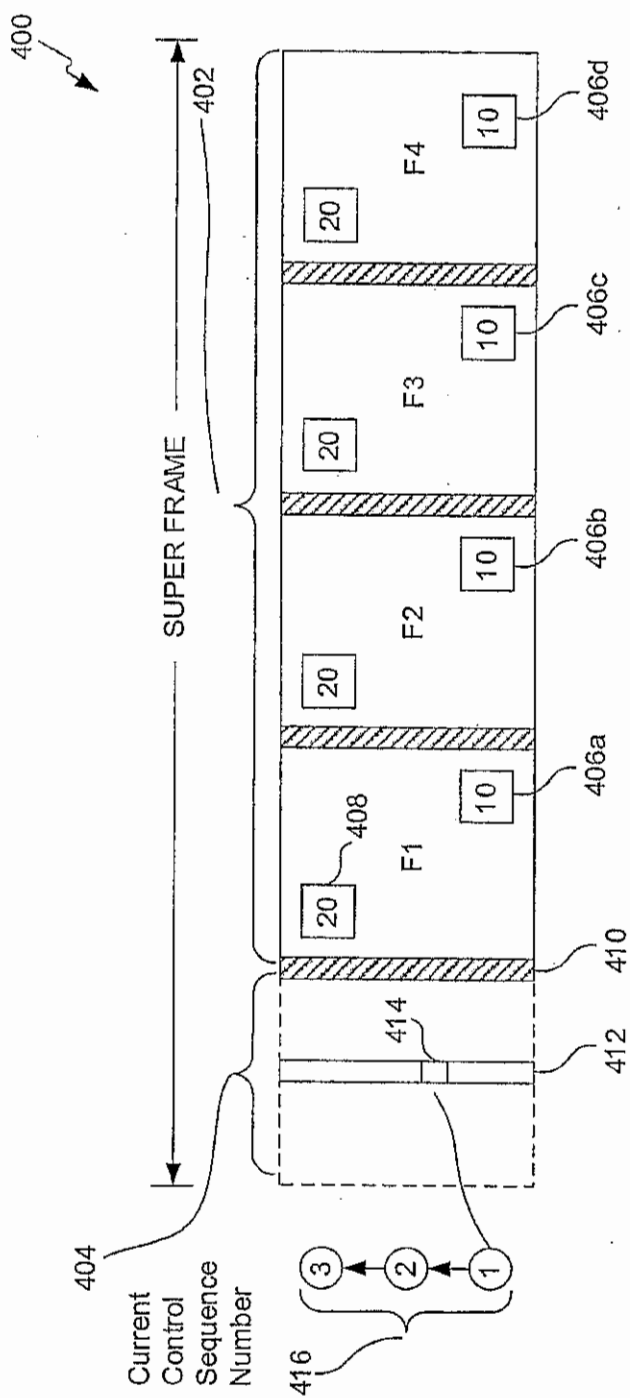


FIG. 4

500

FLOW DESCRIPTION MESSAGE			CONTROL SEQUENCE NUMBER
FLOW ID (CNN)	100 →	MLC ID 20 TRANSMIT MODE (A)	①
FLOW ID	200 →	MLC ID 30 TRANSMIT MODE (B)	②
FLOW ID	300 →	MLC ID 30 TRANSMIT MODE (C)	③
FLOW ID	600 →	MLC ID 30 TRANSMIT MODE (D)	④
FLOW ID (ESPN)	700 →	MLC ID 50 TRANSMIT MODE (E)	⑤

FIG. 5
(Conventional)

600

TIME	(REAL TIME)	(NON REAL TIME)
t1	CNN → FLOW ID 100 → MLC ID 20	
t2		FLOW ID 200 → MLC ID 30
t3		FLOW ID 300 → MLC ID 30
t4		FLOW ID 600 → MLC ID 30
t5	(ESPN) → FLOW ID 700 → MLC ID 50	

FIG. 6

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700
↗

TIME	FLOW DESCRIPTION MESSAGE		BIN 0 (REAL TIME)	BIN 1 (NON REAL TIME)
t ₁	FLOW ID (CNN)	100 → MLC ID 20 TRANSMIT MODE (A)	①	
t ₂	FLOW ID	200 → MLC ID 30 TRANSMIT MODE (B)		①
t ₃	FLOW ID	300 → MLC ID 30 TRANSMIT MODE (C)		②
t ₄	FLOW ID	600 → MLC ID 30 TRANSMIT MODE (D)		③
t ₅	FLOW ID (ESPN)	700 → MLC ID 50 TRANSMIT MODE (E)	②	

FIG. 7

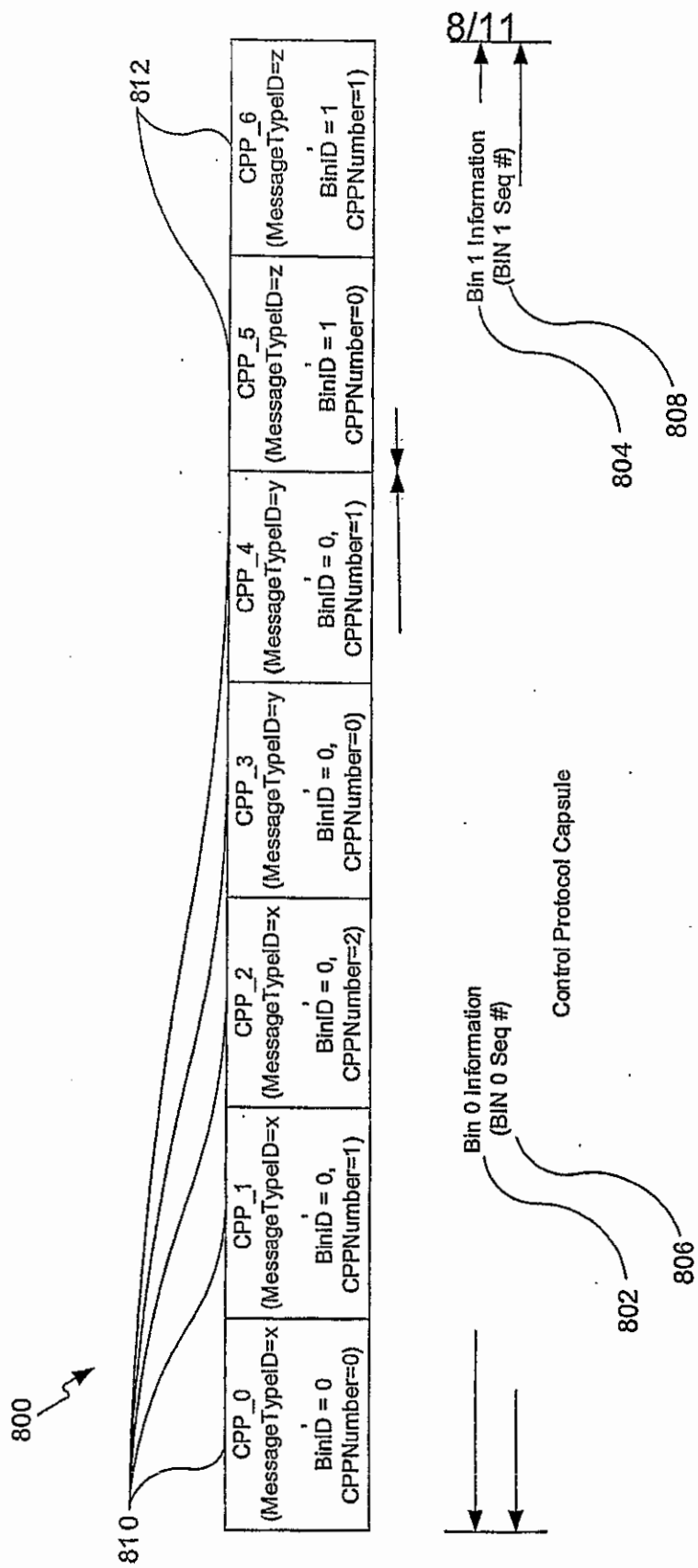


FIG. 8

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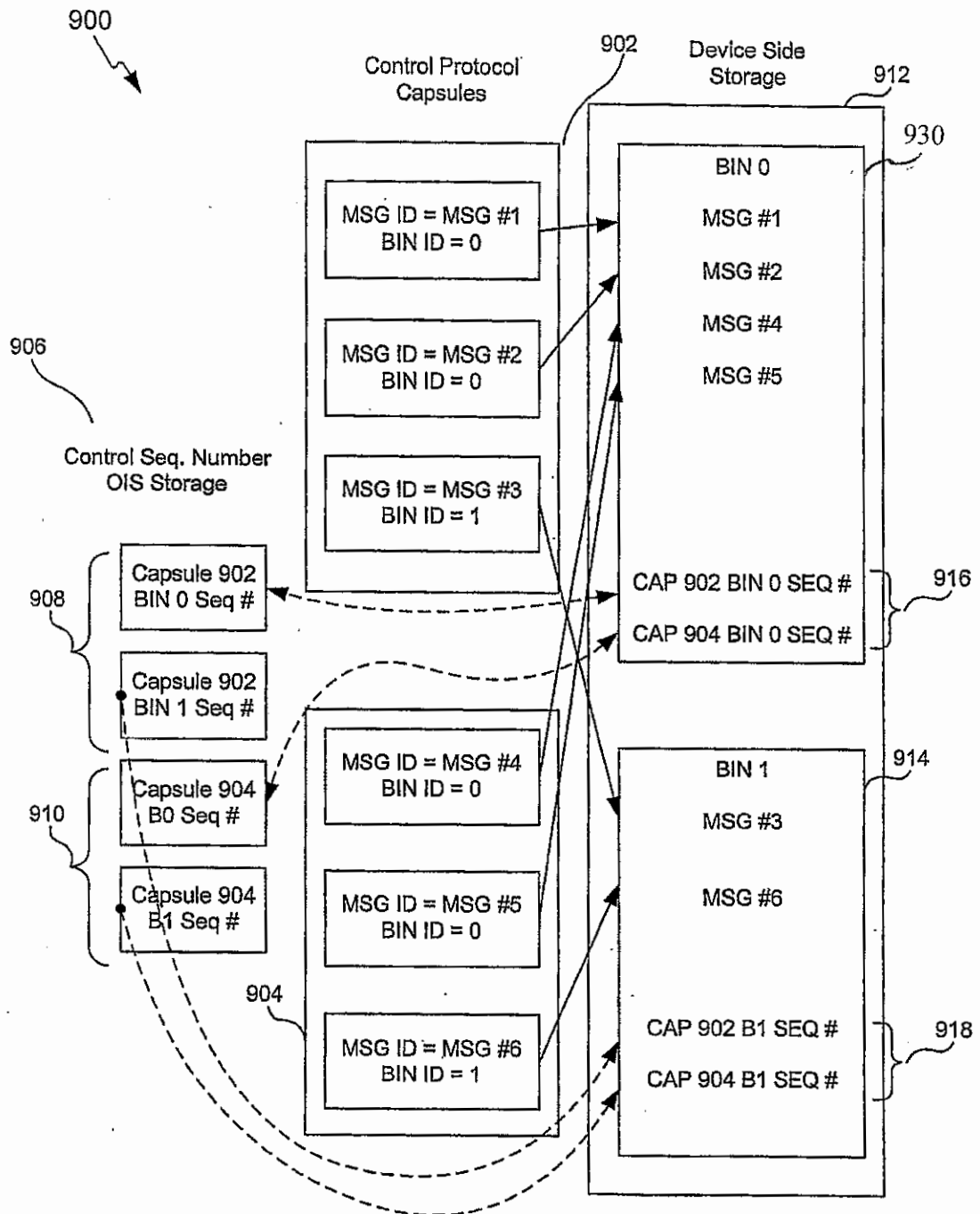


FIG. 9

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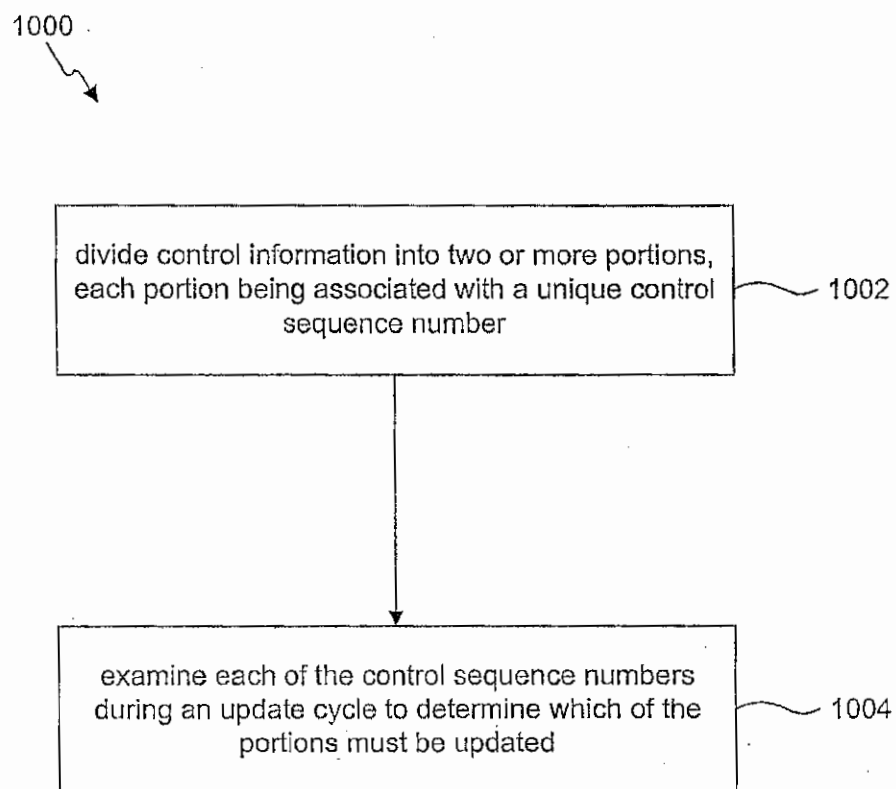


FIG. 10

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1100

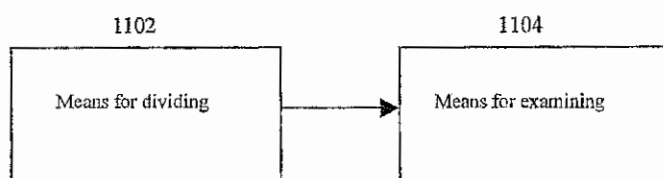


FIG. 11