

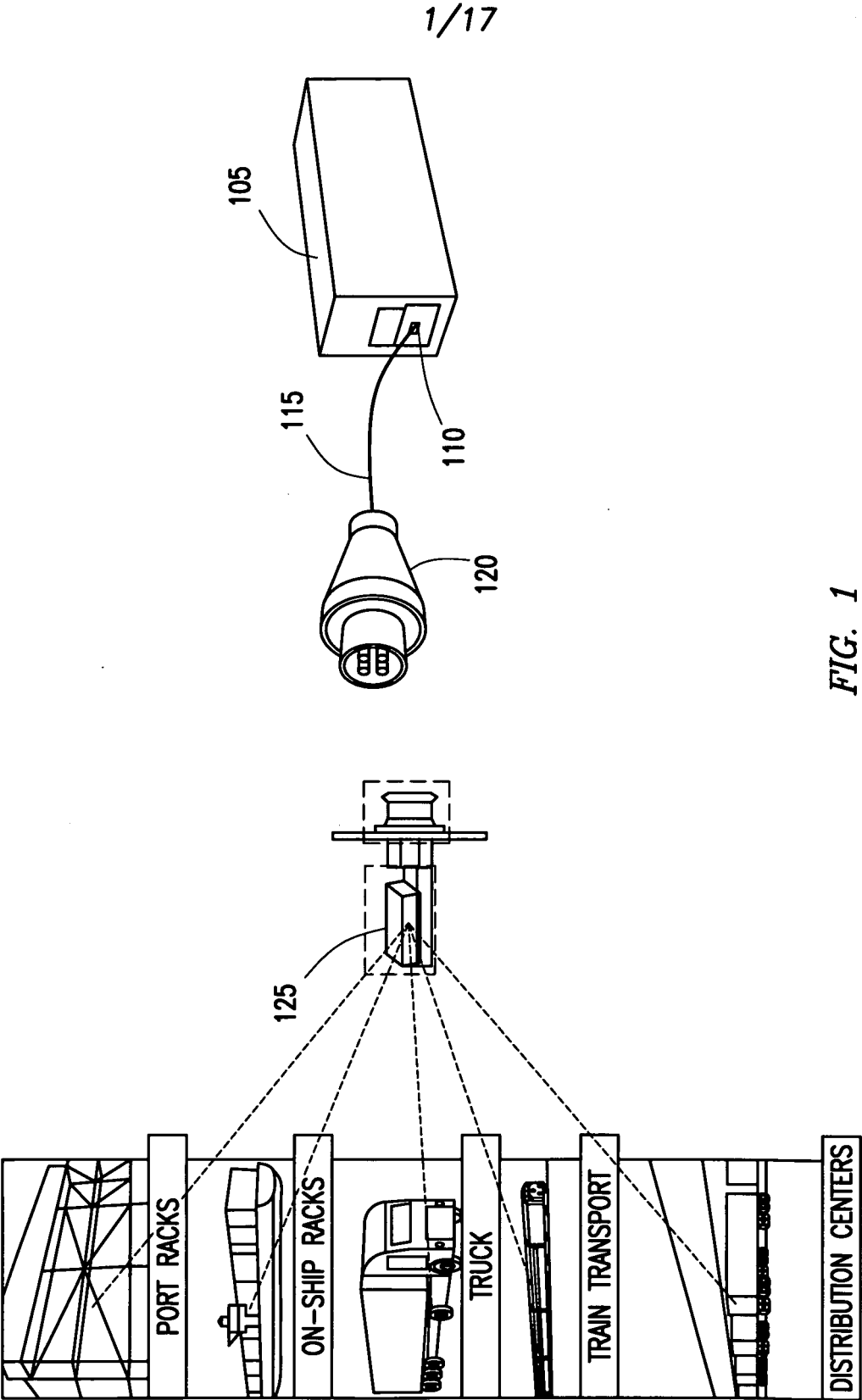


FIG. 1
(PRIOR ART)

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HORIZONTAL REEFER
RUNWAY
205

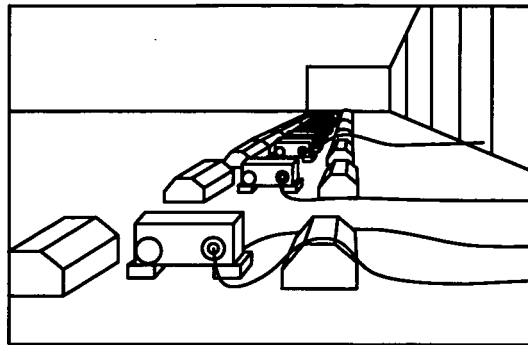


FIG. 2A
(PRIOR ART)

REEFER RACK
210

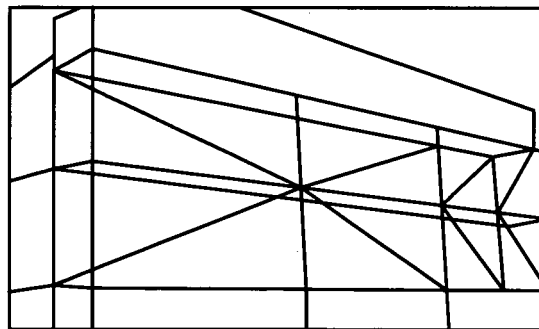


FIG. 2B
(PRIOR ART)

DAMAGED CONNECTOR
220

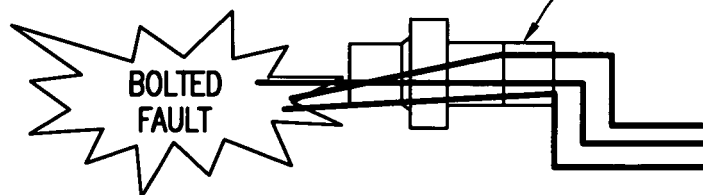


FIG. 2C
(PRIOR ART)

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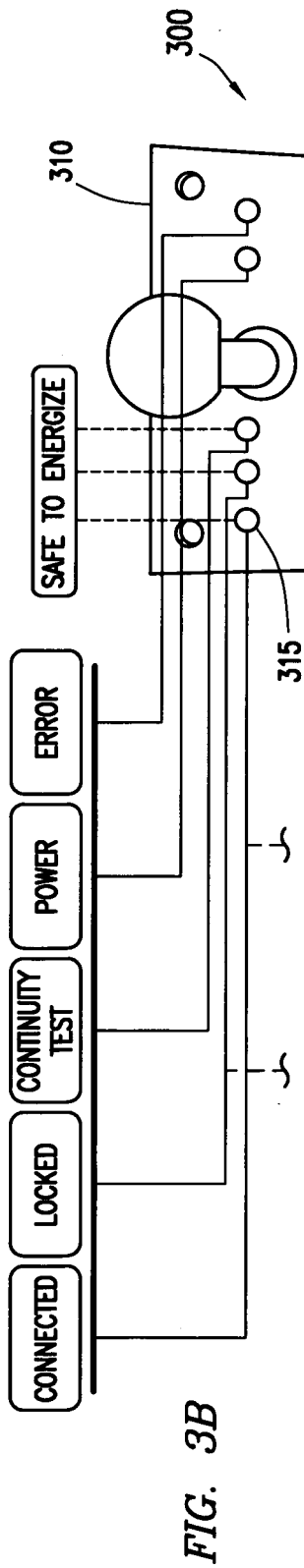


FIG. 3B

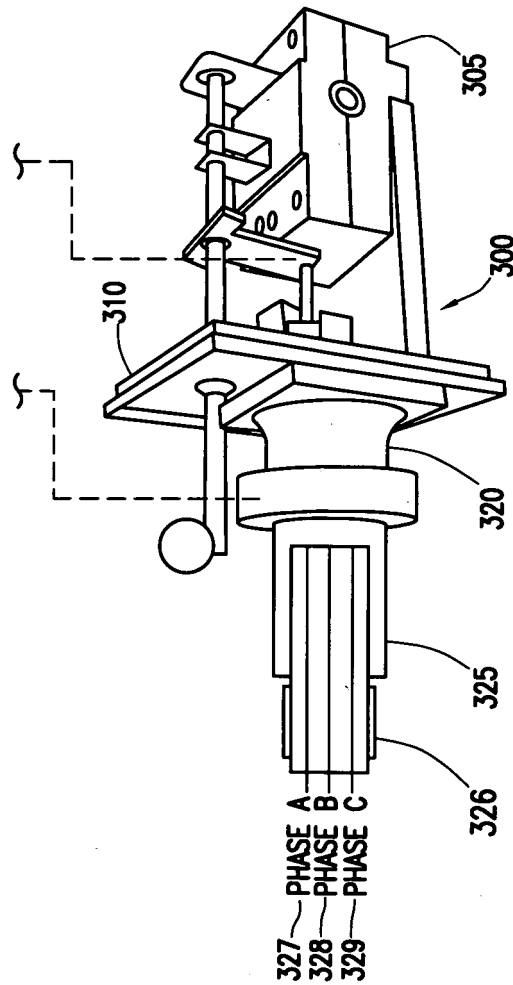


FIG. 3A

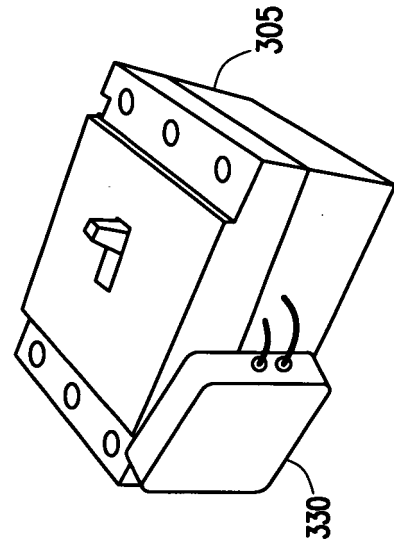


FIG. 3C

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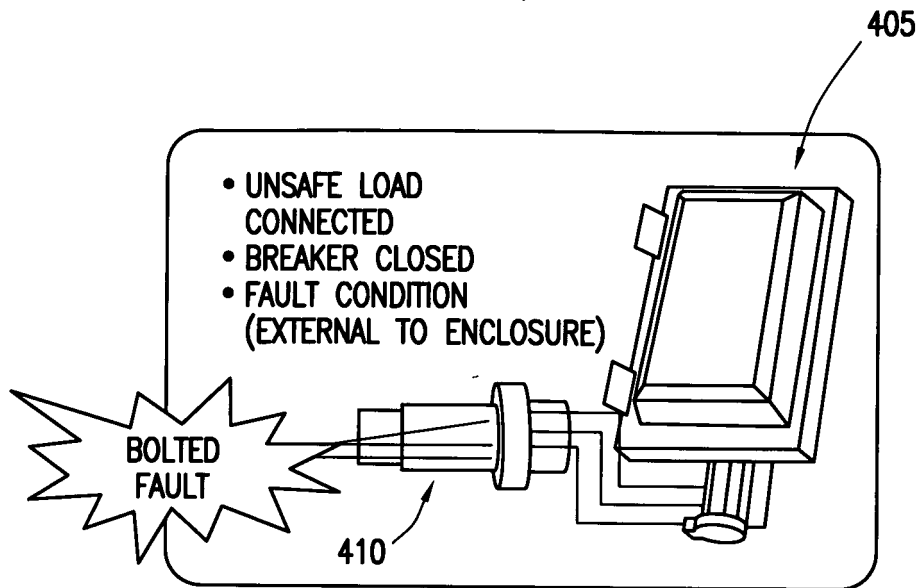


FIG. 4A
(PRIOR ART)

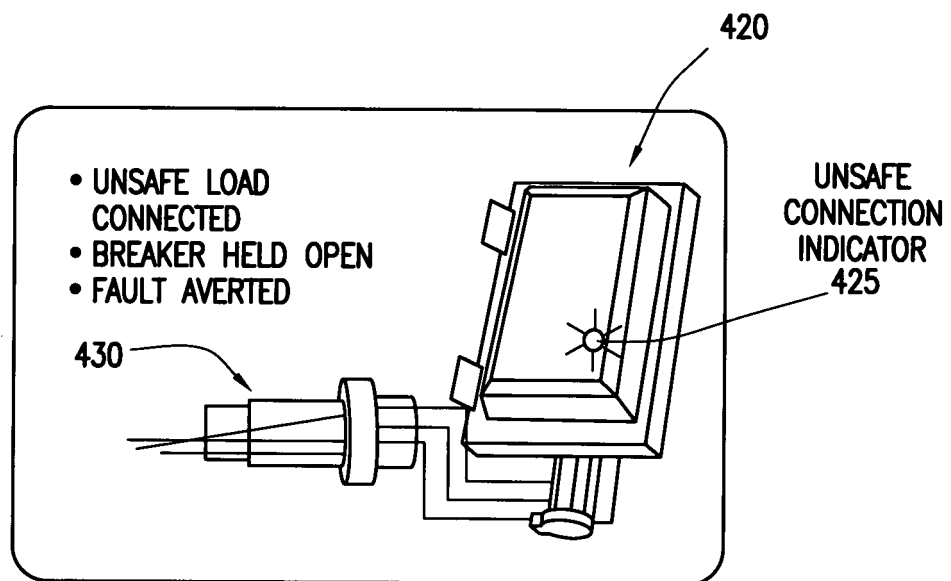
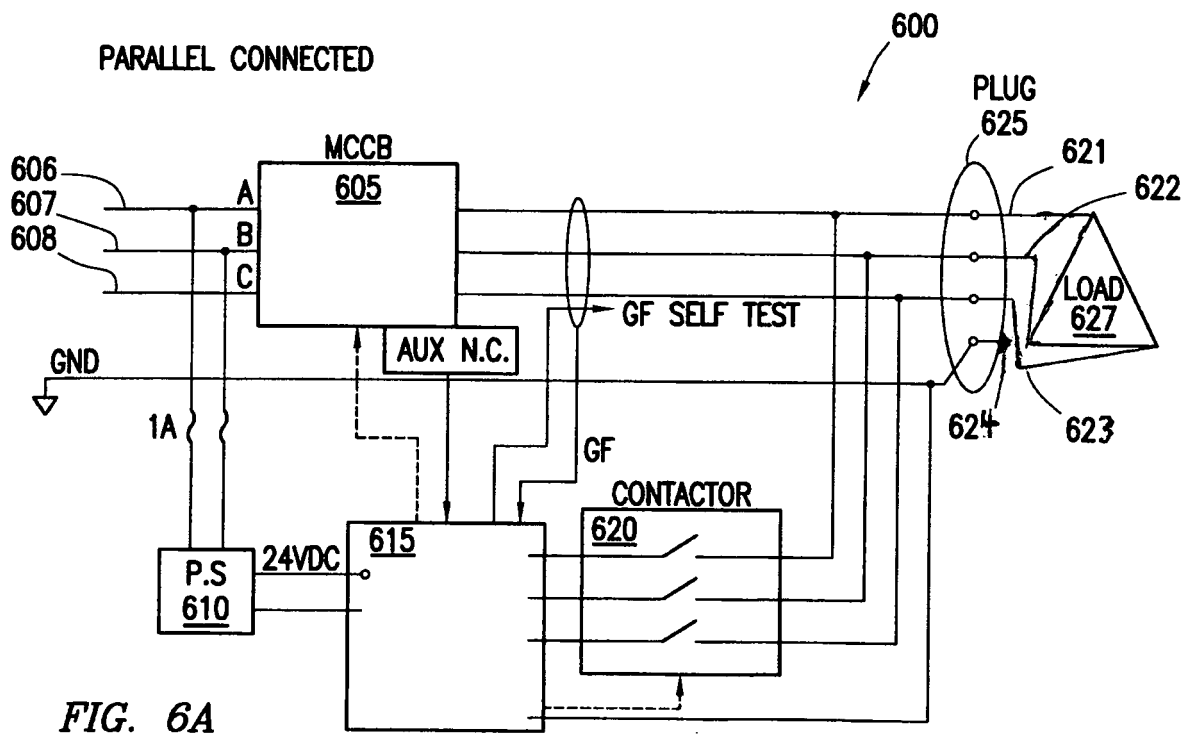
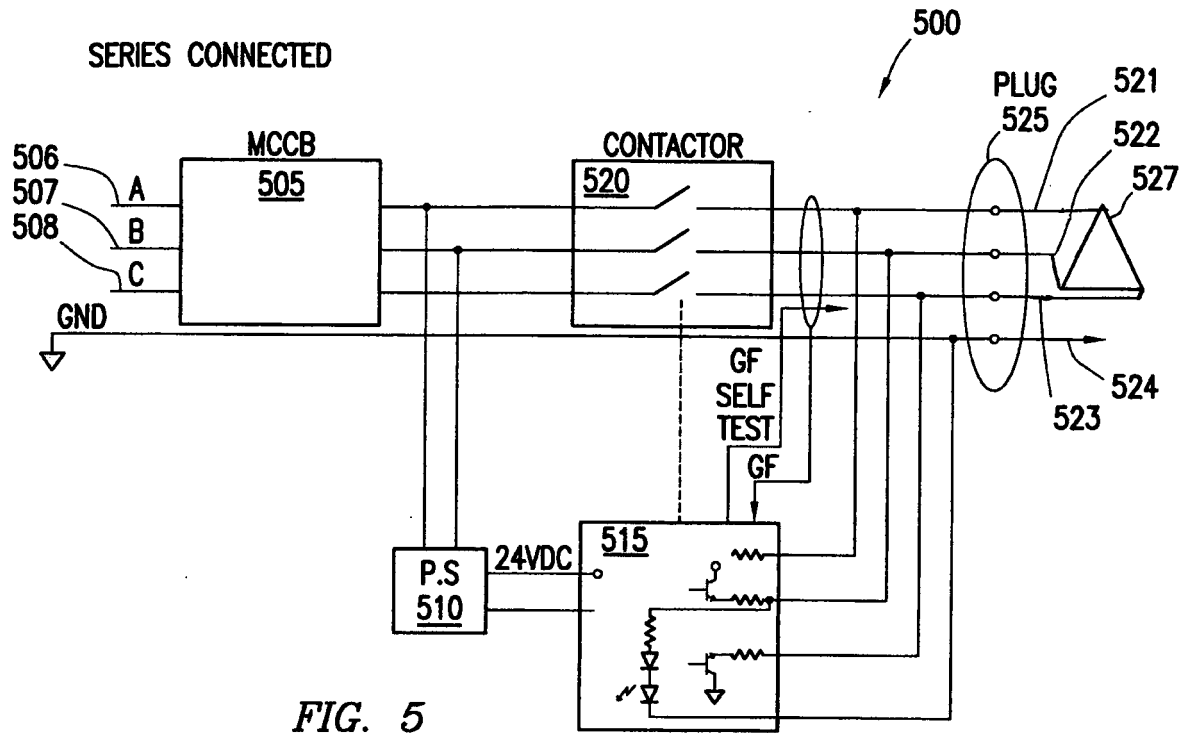
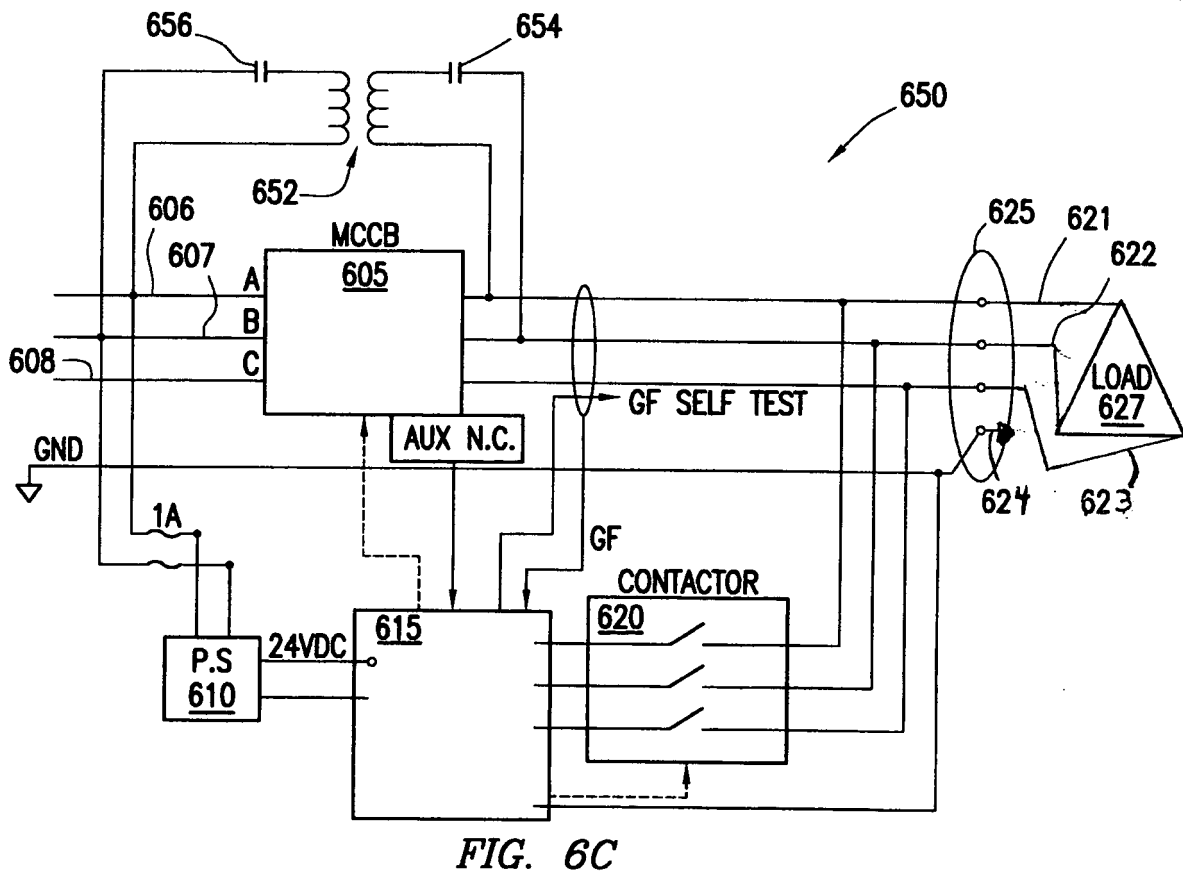
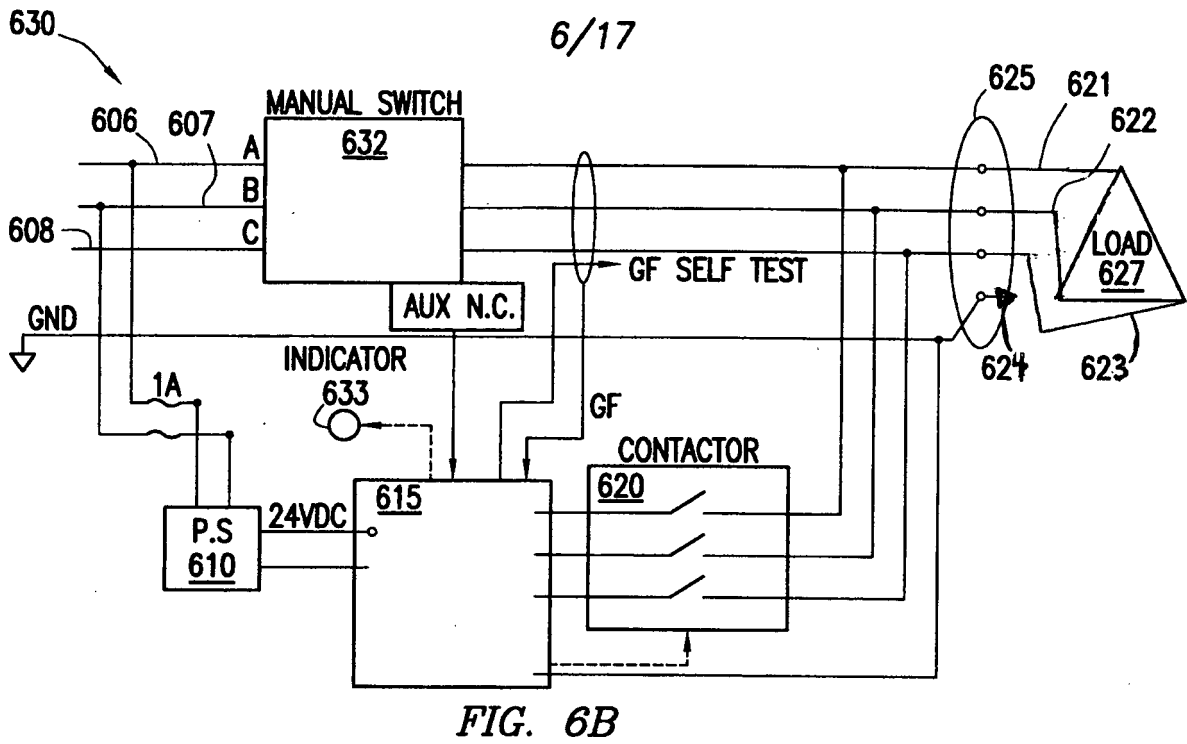


FIG. 4B

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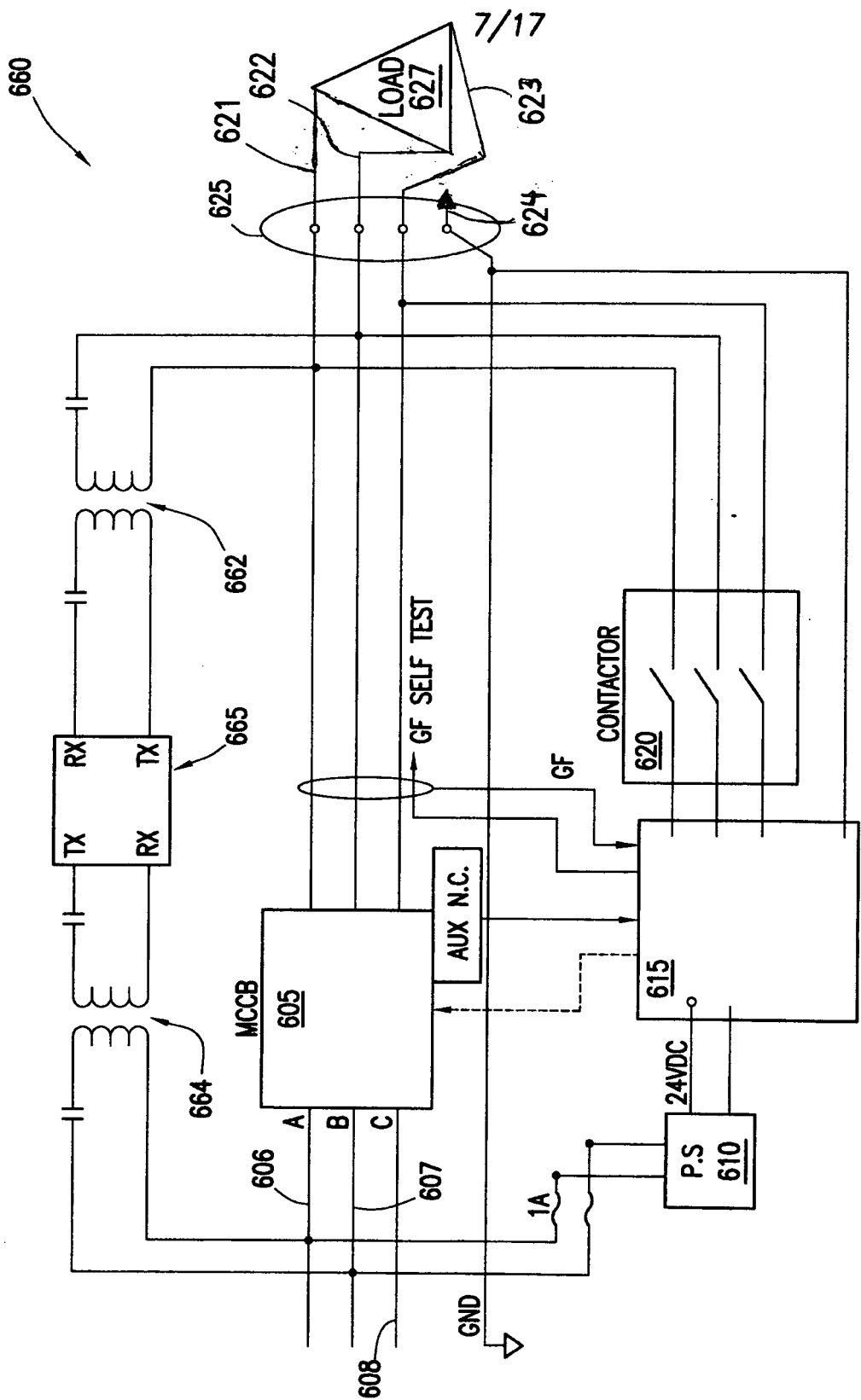


FIG. 6D

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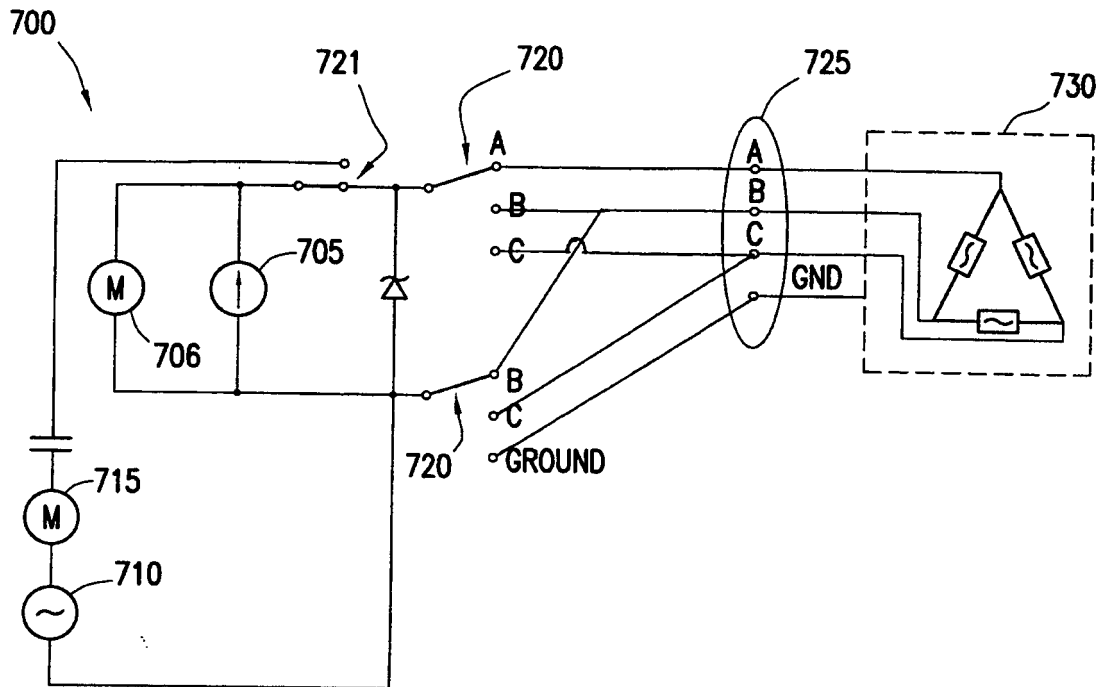
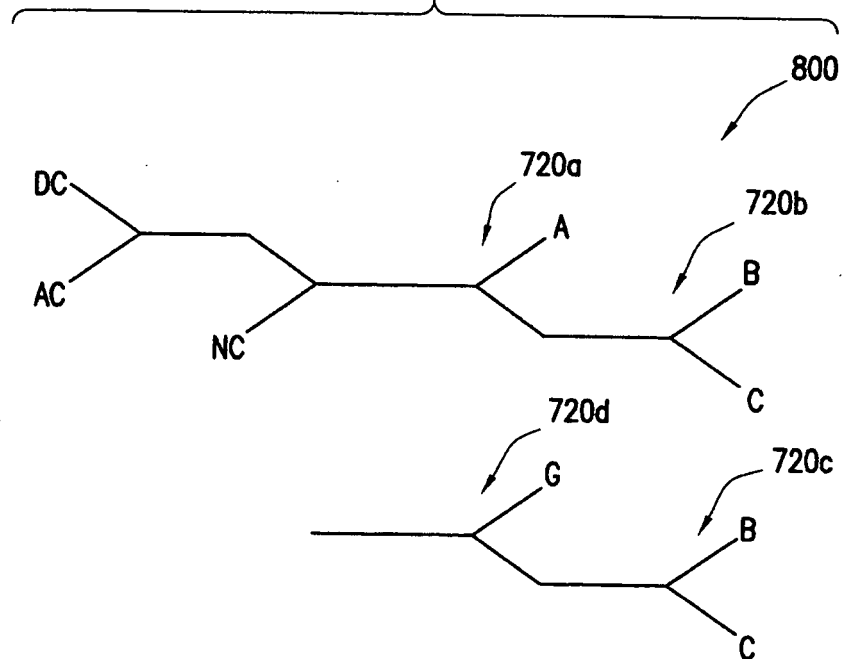


FIG. 7

FIG. 8A



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FUNCTION	
1	SENSE SHORT BETWEEN PHASES
2a	DETECT GF BEFORE APPLYING POWER (IMPEDANCE OF PHASE TO GROUND)
2b	DETECT GF AFTER APPLYING LOAD (W/ SELFTEST)
3a	GROUND ASSURANCE (SOURCE) CHECK
3b	GROUND CONTINUITY (LOAD) CHECK
4a	SENSE OPEN BEFORE APPLYING POWER
4b	SENSE OPEN AFTER APPLYING POWER
5	ARC FAULT DETECTION
6	HIGH TEMP PLUG CONNECTOR PINS
7	CONTACTOR/BREAKER CONTROL AND AUX CONTACT FEEDBACK

FIG. 8B

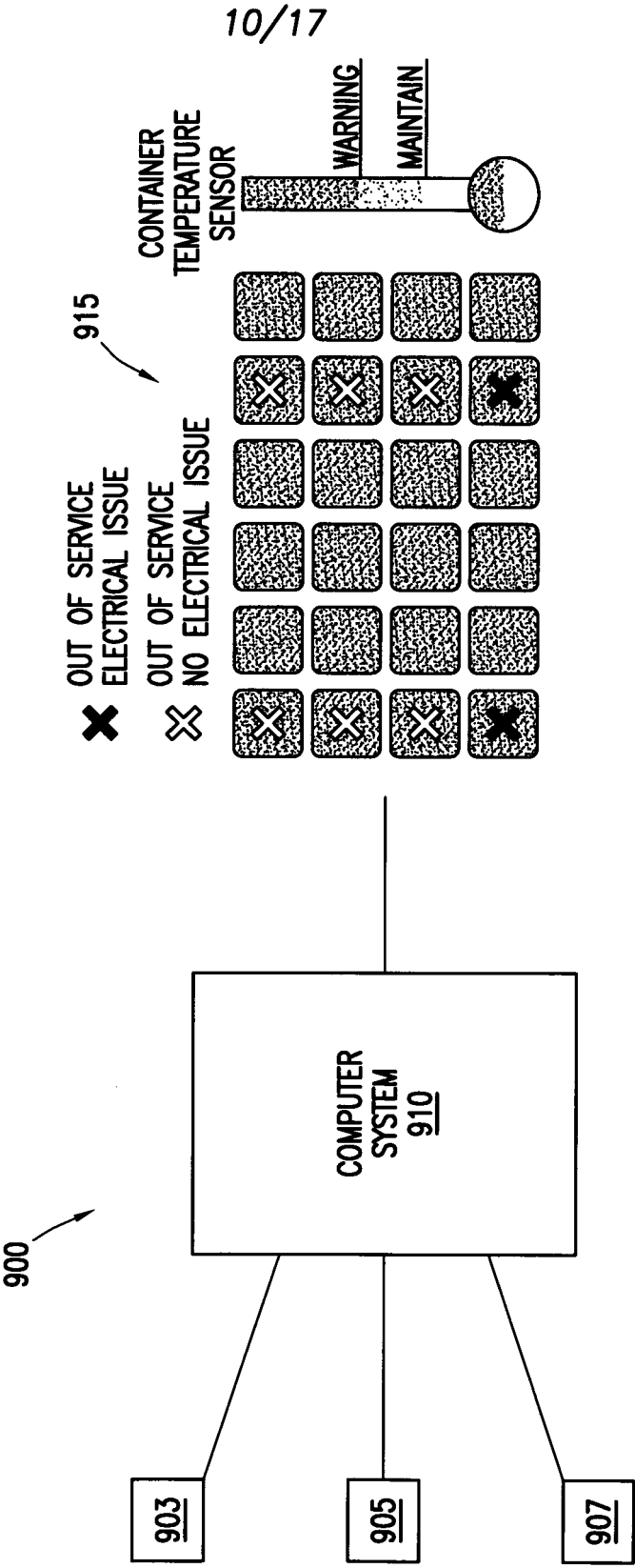


FIG. 9

SCENARIO A

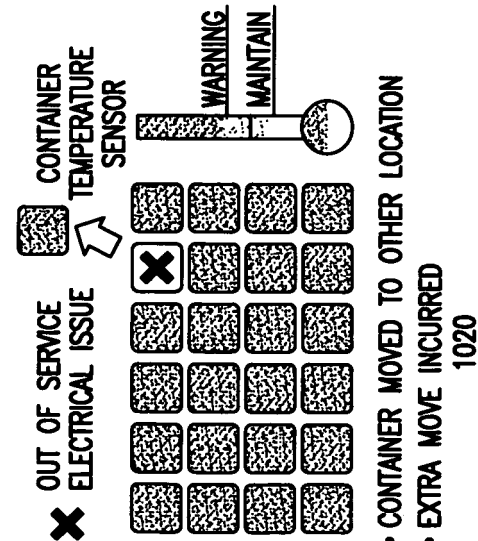
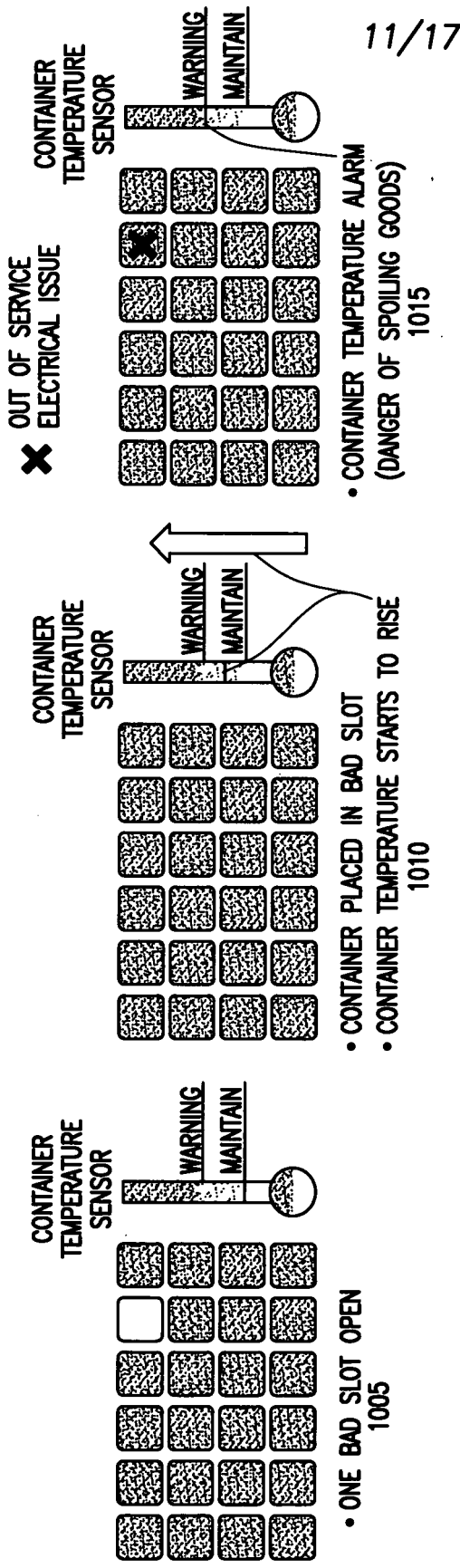


FIG. 10

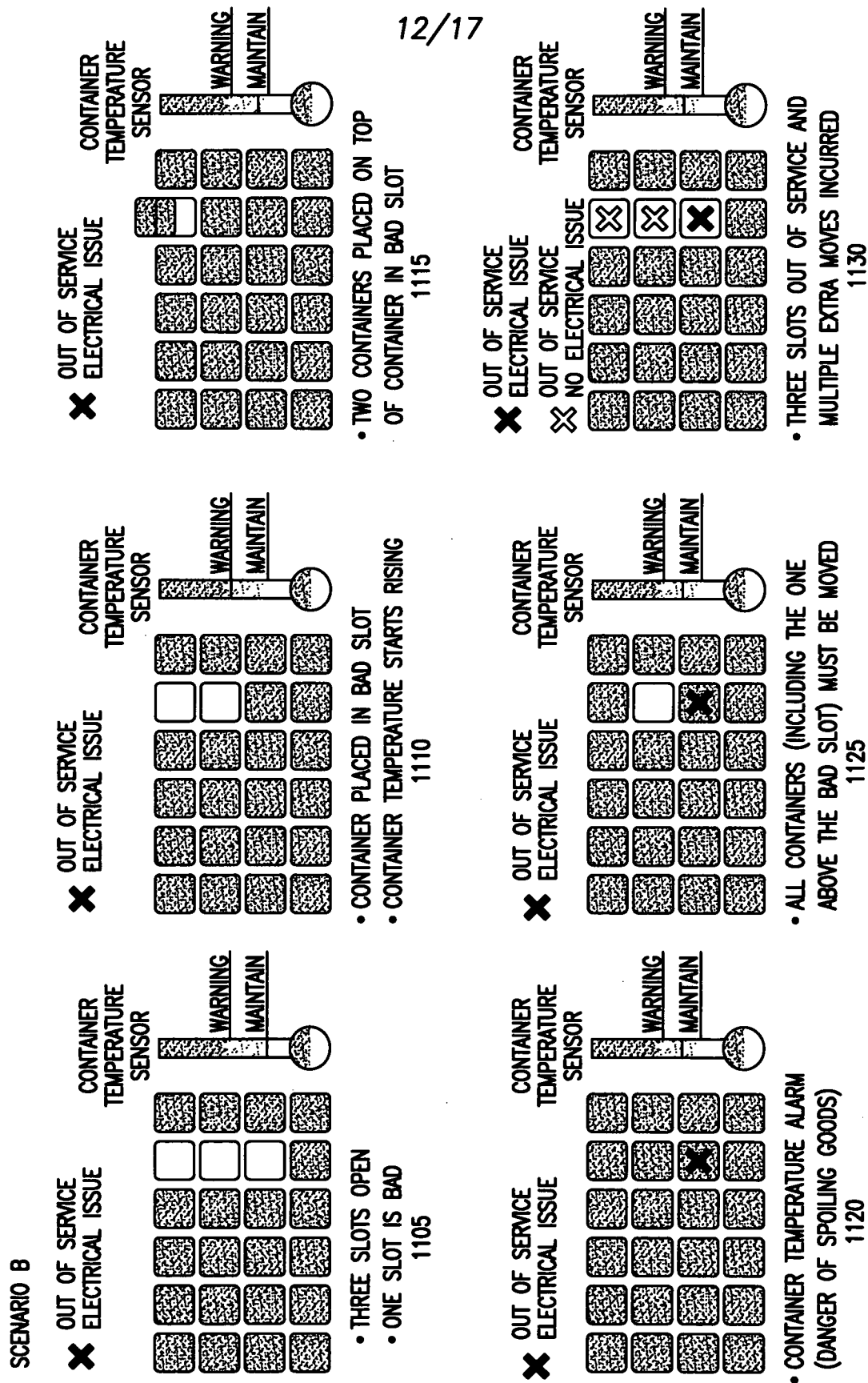


FIG. 11

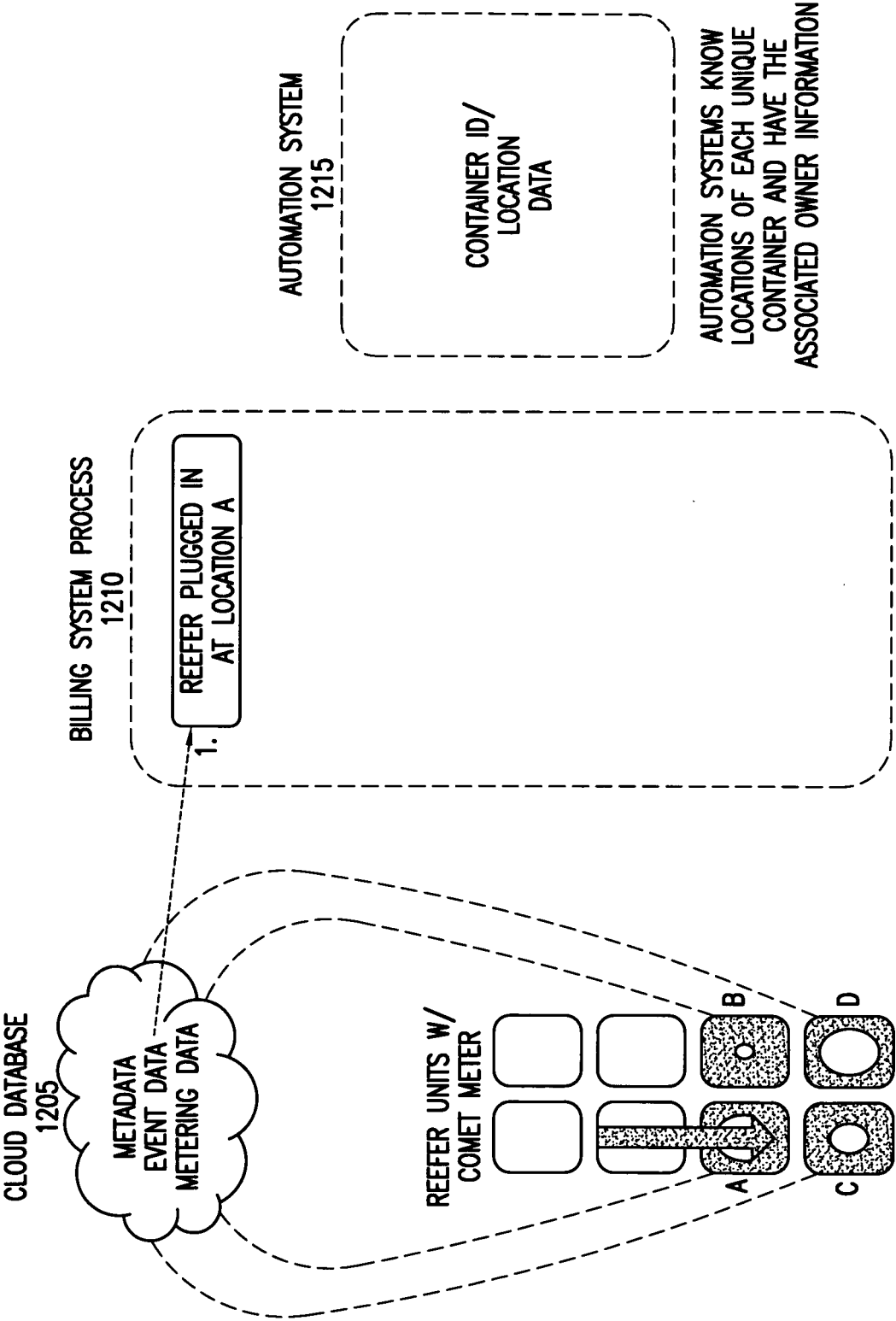


FIG. 12

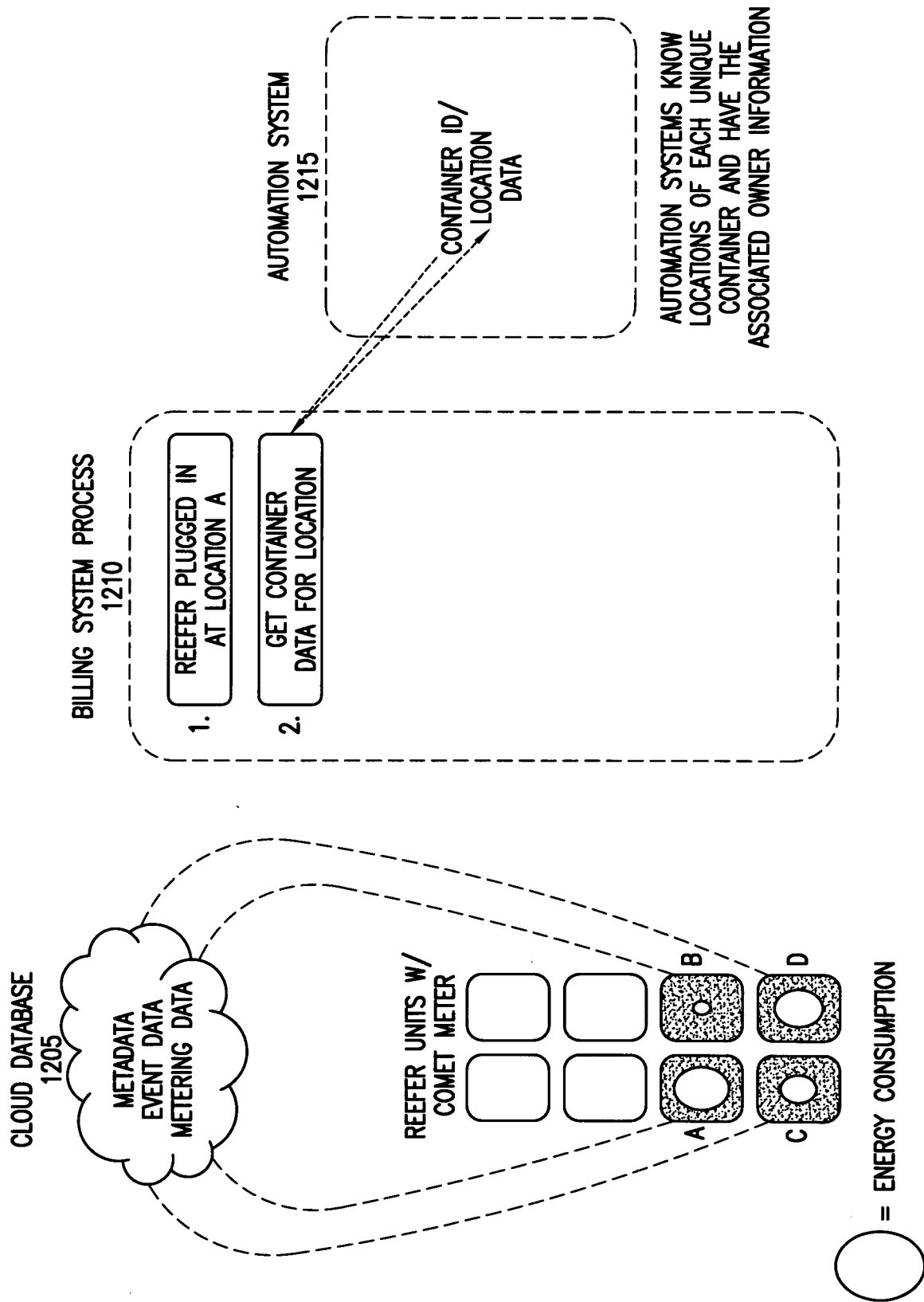


FIG. 13

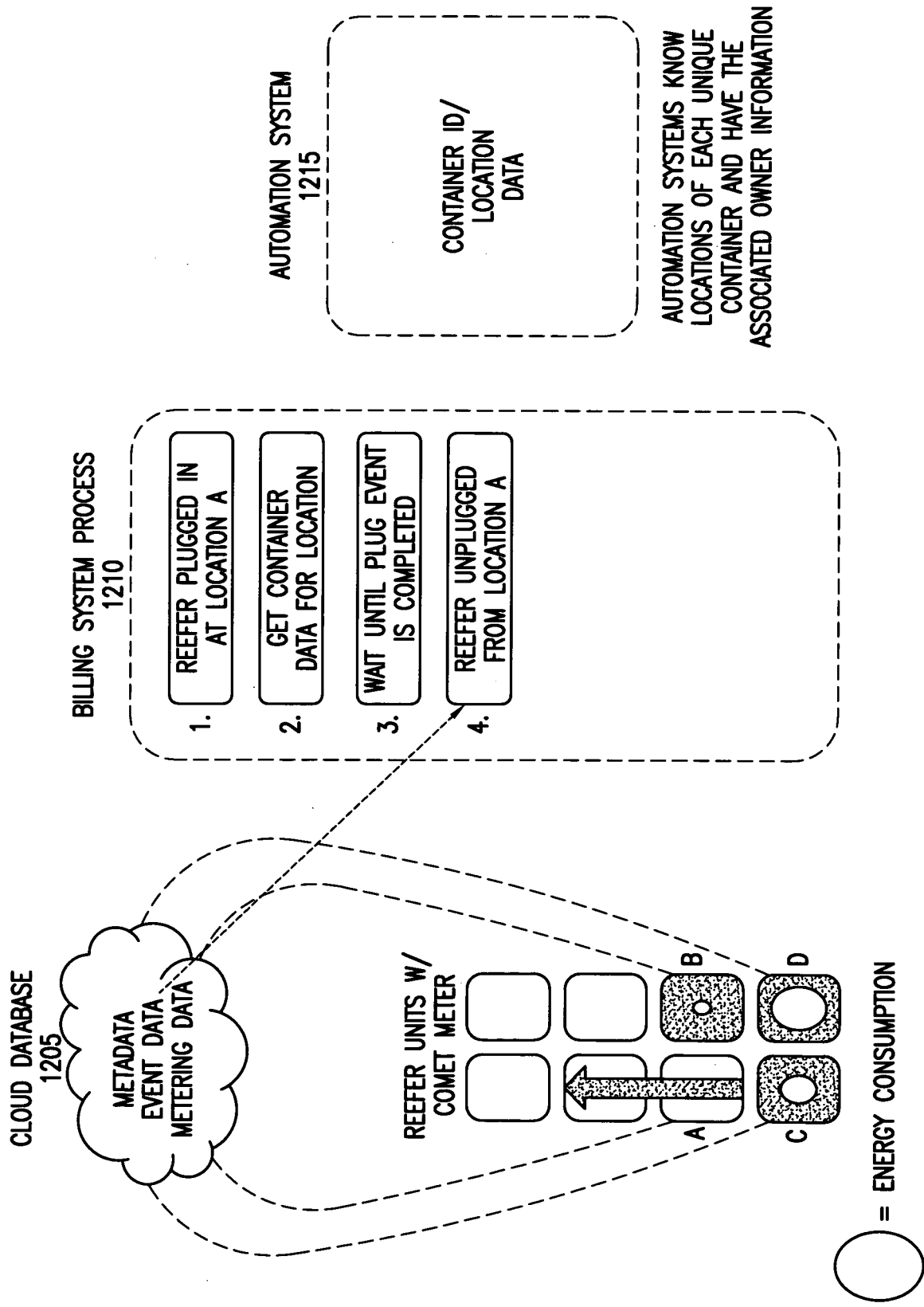


FIG. 14

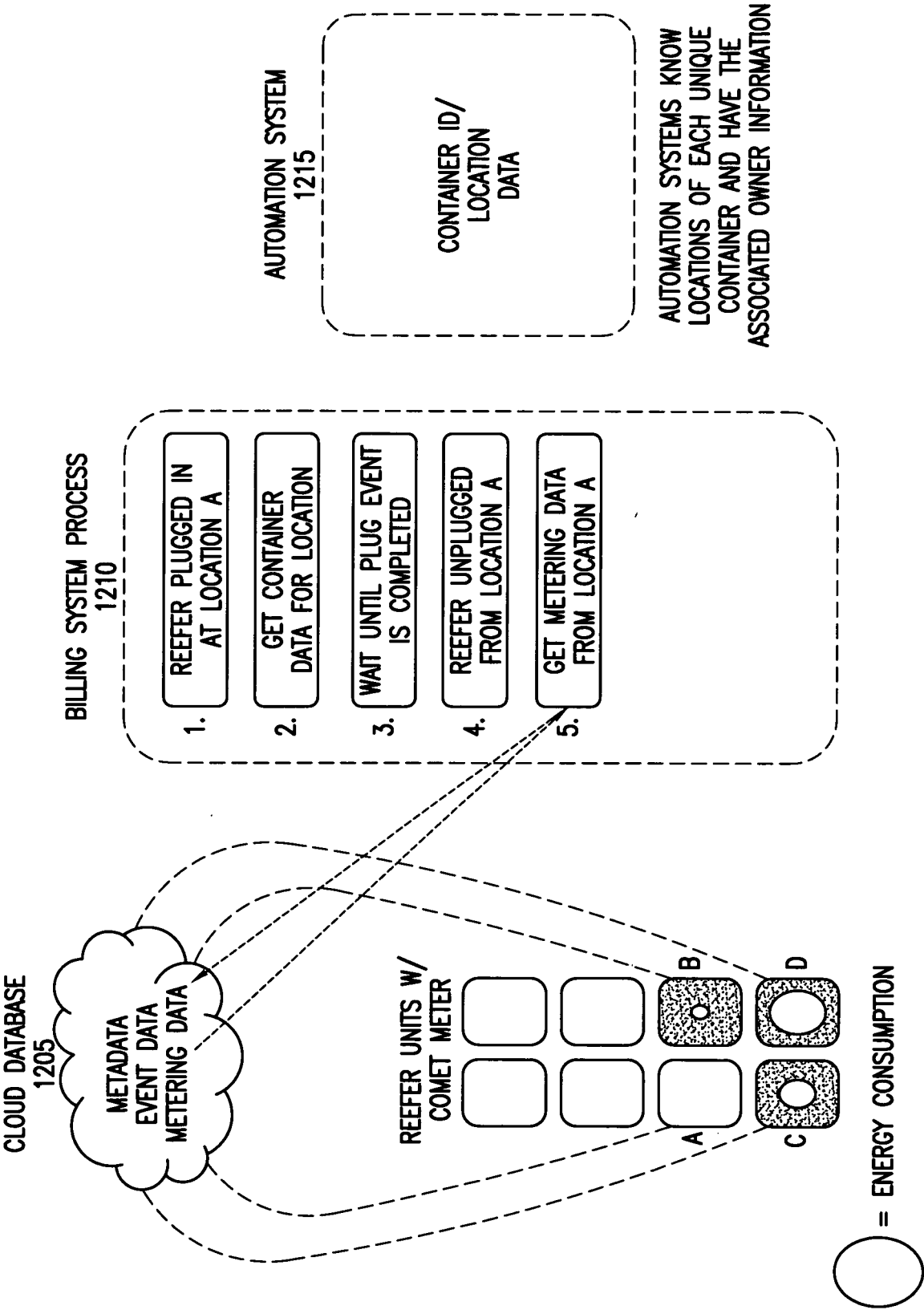


FIG. 15

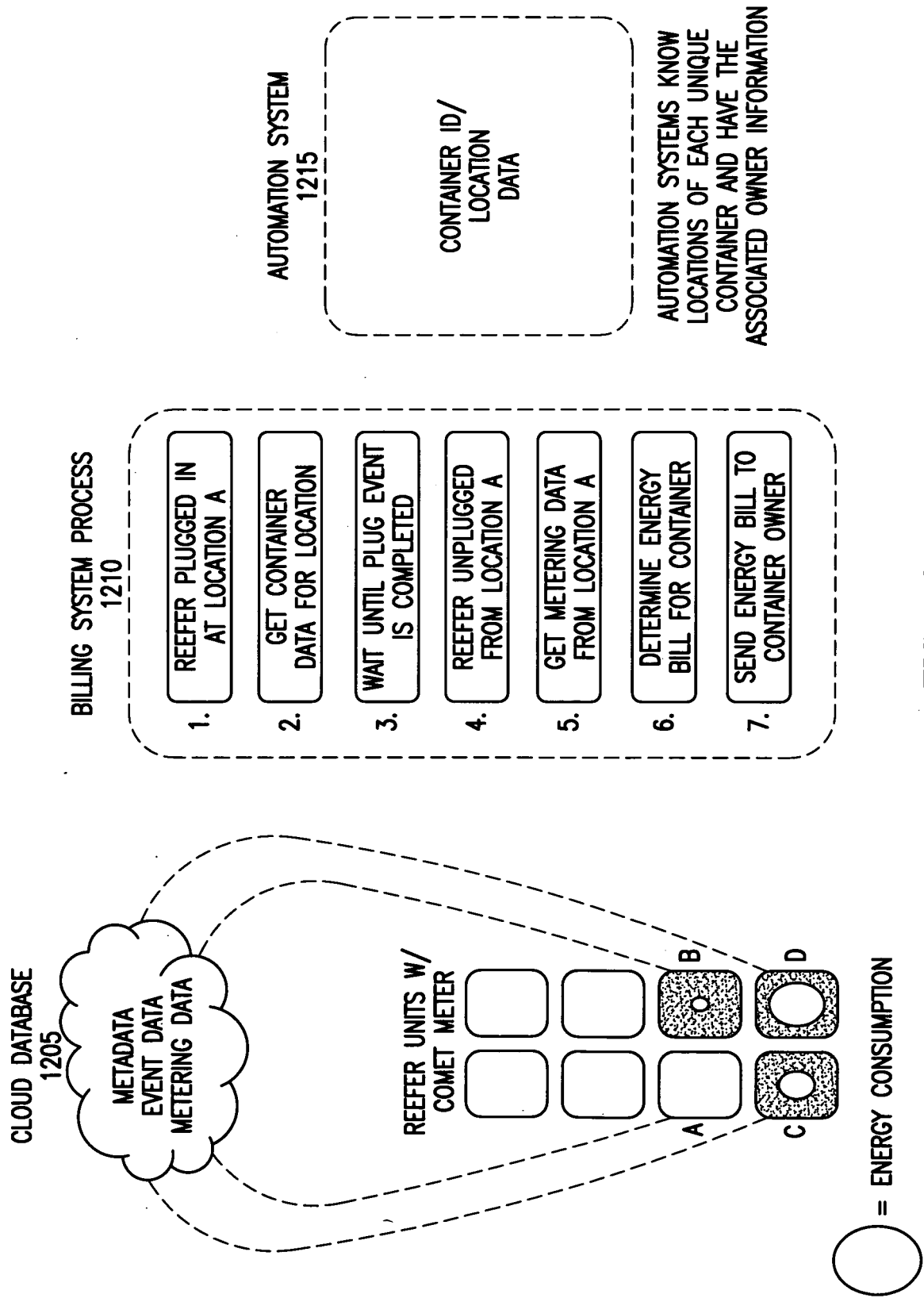


FIG. 16