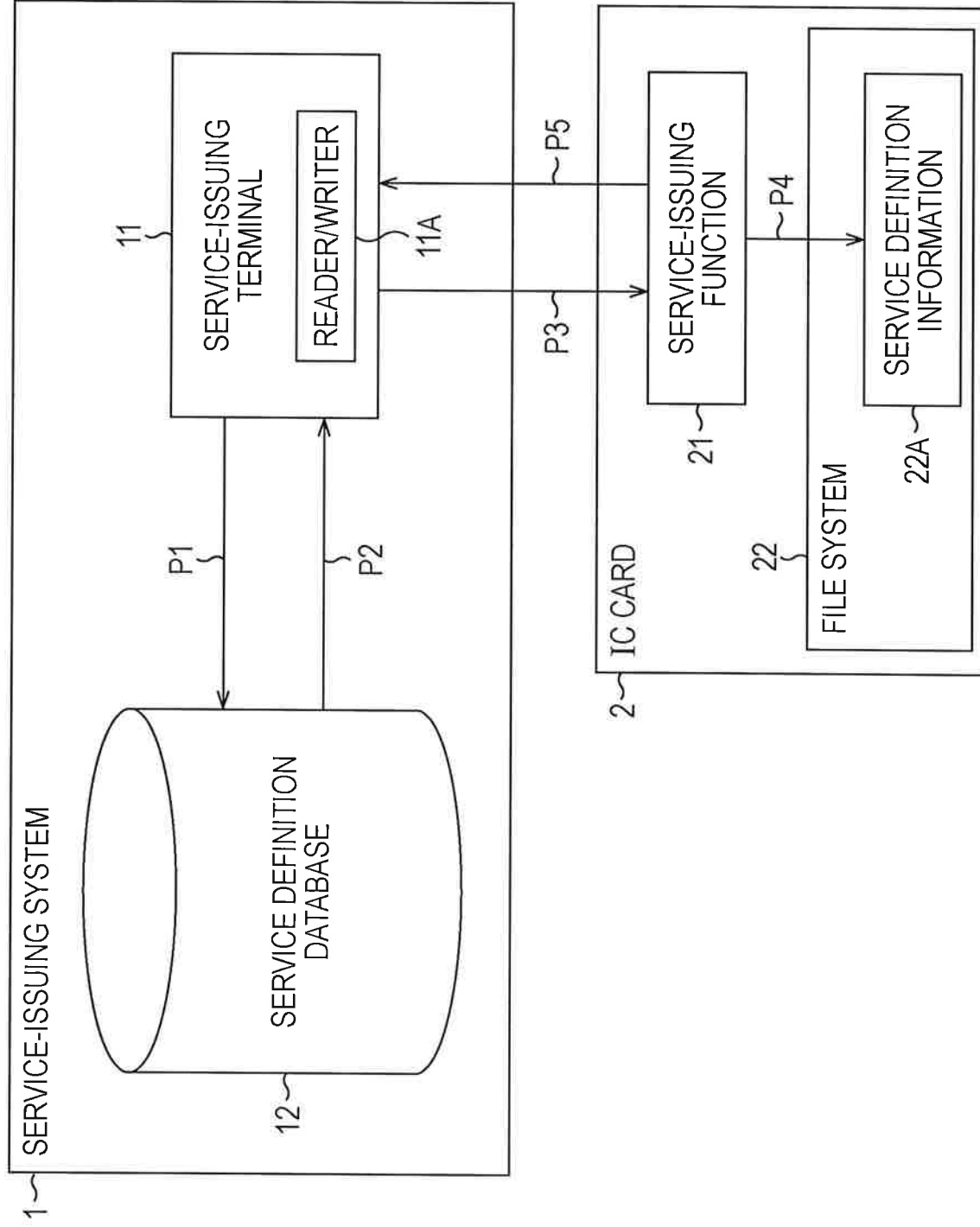


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FIG. 1



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FIG. 2

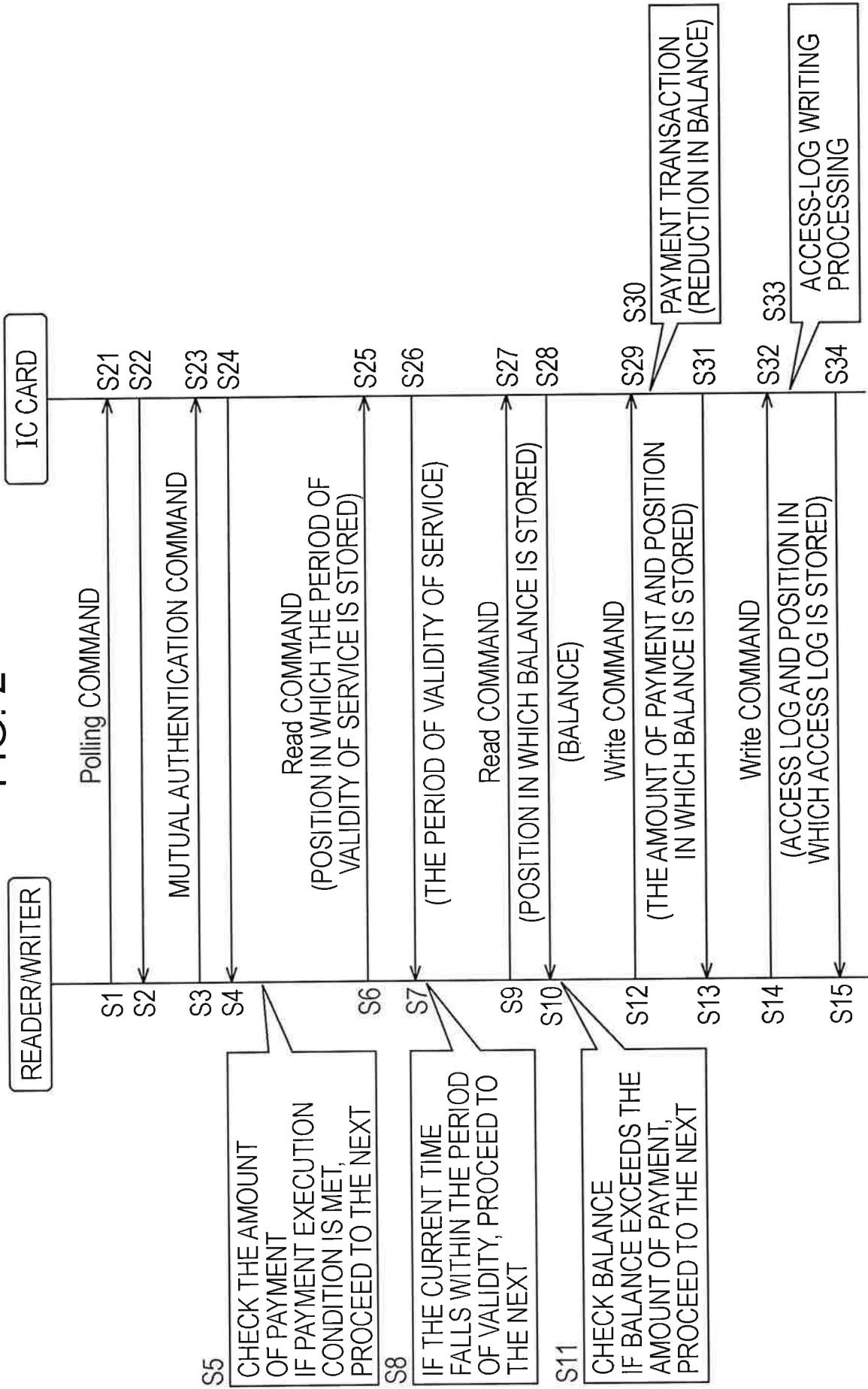
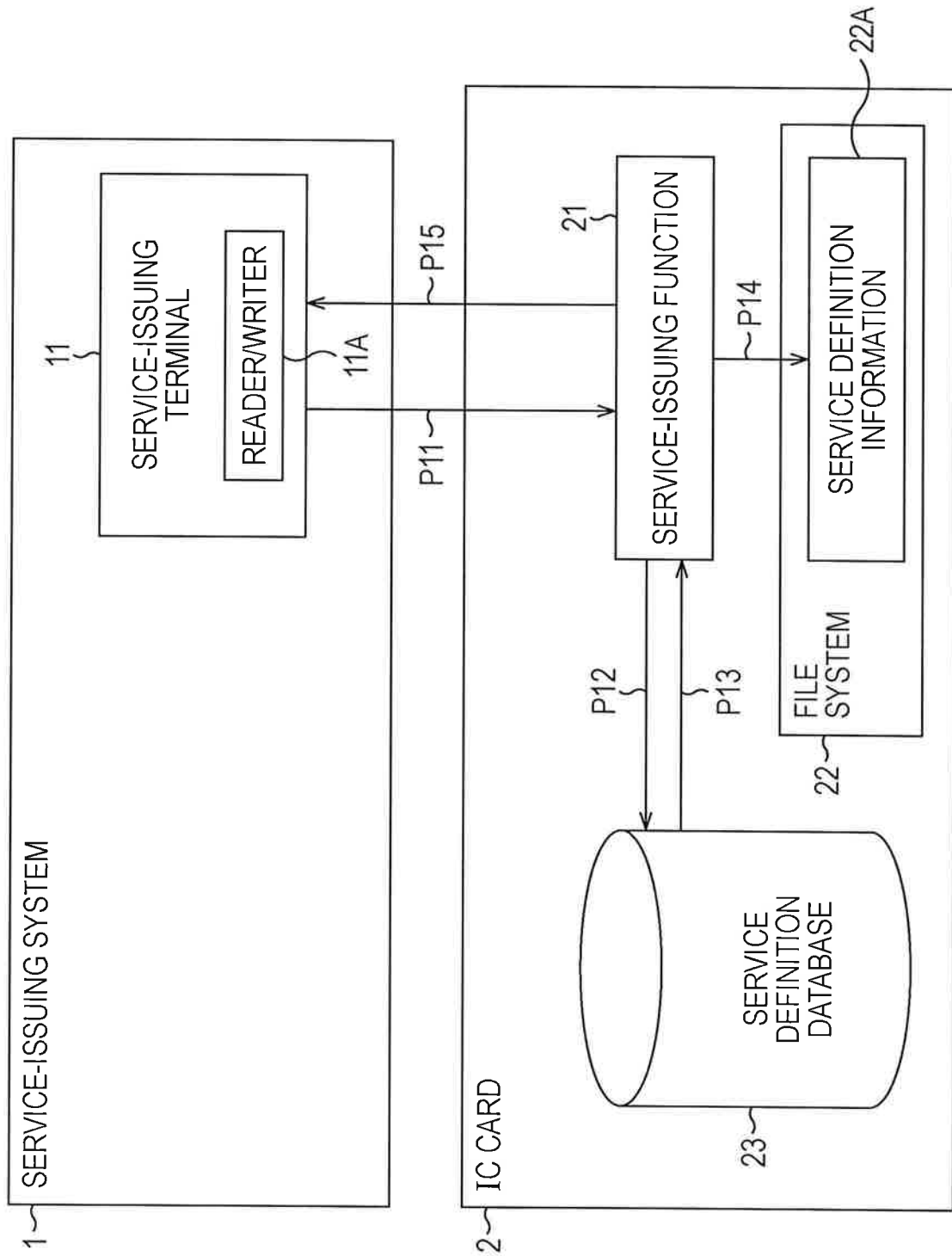


FIG. 3

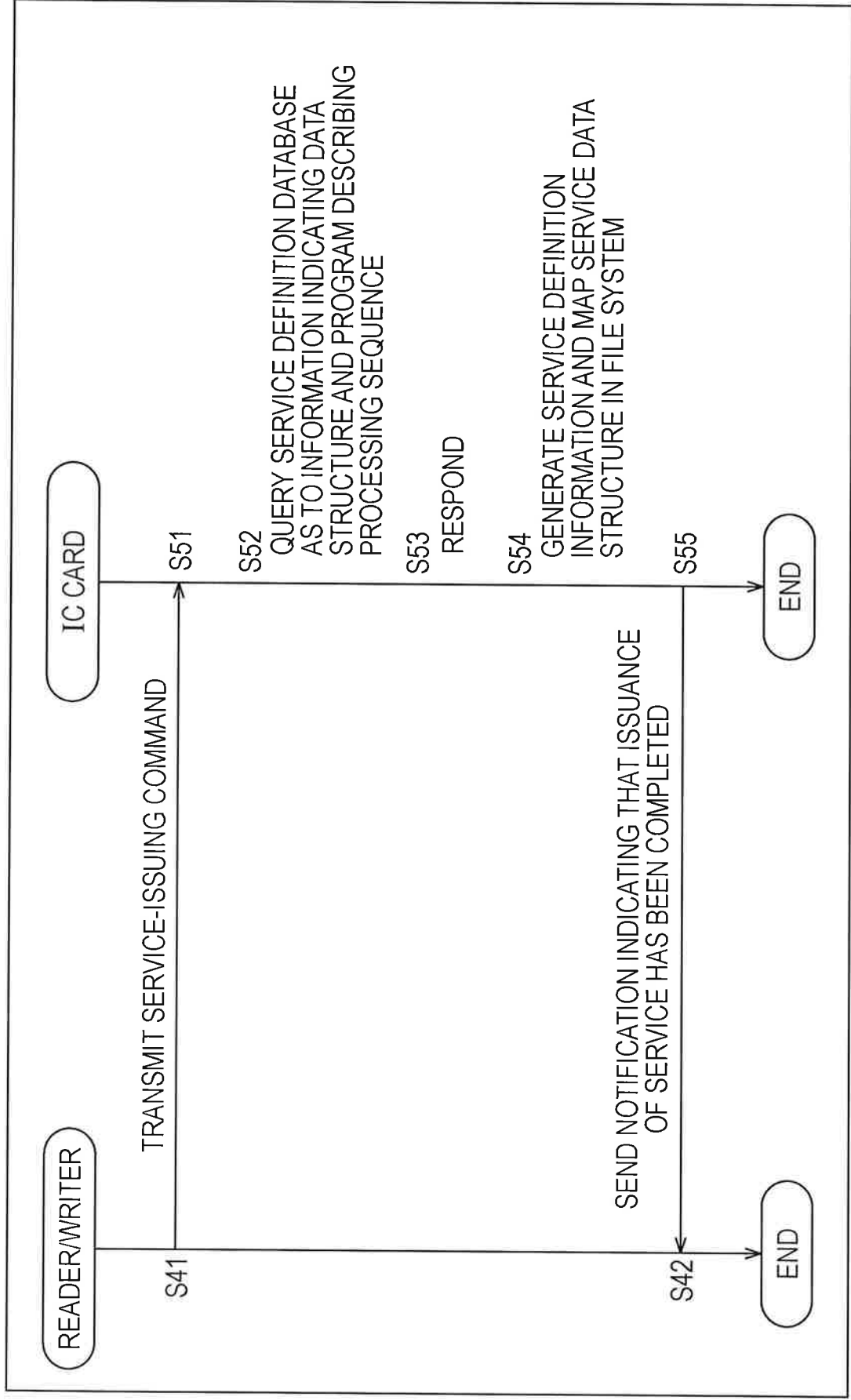


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FIG. 4

APPLICA- TION SERVICE DEFINITION ITEM	PREPAID ELEC- TRONIC MONEY	CREDIT	DEBIT/ CASH CARD	POINT/ STAMP CARD	TICKET/COU- PON/COMMUTA- TION TICKET	WRITTEN GUARANTEE	COMMUTER PASS	PARTNER CON- FIRMATION/AC- CESS CONTROL
SERVICE VALUE	BALANCE	LOAN (AMOUNT OF DEBT)	BALANCE/ LOAN	CUMULATIVE BALANCE	THE NUMBER OF TICKETS	1	NO LIMIT	NO LIMIT
CONSTRAINT ON SERVICE VALUE	0 OR MORE UPPER LIMIT	0 OR MORE LOWER LIMIT	LOWER LIMIT UPPER LIMIT	0 OR MORE UPPER LIMIT	0 OR MORE UPPER LIMIT	FIXED VALUE	0 OR MORE	0 OR MORE
PAYMENT SEQUENCE	SUBTRACTION	SUBTRACTION	ADDITION AND SUBTRACTION	SUBTRACTION	SUBTRACTION	ABSENCE	SUBTRACTION FROM MAXIMUM VALUE BY ONE	SUBTRACTION FROM MAXIMUM VALUE BY ONE
PAYMENT EXECUTION CONDITION	UPPER LIMIT	UPPER LIMIT	UPPER LIMIT	UPPER LIMIT/LOWER LIMIT/UNIT	UPPER LIMIT/LOWER LIMIT/UNIT	ABSENCE	ABSENCE	ABSENCE
CHARGE SEQUENCE	PRESENCE	PRESENCE	PRESENCE	PRESENCE	ABSENCE	ABSENCE	ABSENCE	ABSENCE
UNIT-OF-PAYMENT WRITING SEQUENCE	ABSENCE	ABSENCE	ABSENCE	ABSENCE	PRESENCE	PRESENCE	PRESENCE	PRESENCE
THE NUMBER OF UNITS OF PAYMENT THAT CAN BE STORED	1	1	1	1	PLURAL	PLURAL	1	1
CONSTRAINT ON PERIOD	FOR SERVICE DATA STRUCTURE	FOR SERVICE DATA STRUCTURE	FOR SERVICE DATA STRUCTURE	FOR SERVICE DATA STRUC- TURE/UNIT OF PAYMENT	FOR A UNIT OF PAYMENT	FOR A UNIT OF PAYMENT	FOR SERVICE DATA STRUC- TURE/UNIT OF PAYMENT	FOR SERVICE DATA STRUC- TURE/UNIT OF PAYMENT
RECORDING OF PROCESSING HISTORY	PRESENCE	PRESENCE	PRESENCE	PRESENCE	PRESENCE	SELECTABLE	SELECTABLE	SELECTABLE
PIN SEQUENCE	SELECTABLE	SELECTABLE	SELECTABLE	SELECTABLE	SELECTABLE	ABSENCE	SELECTABLE	SELECTABLE

FIG. 5



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FIG. 6

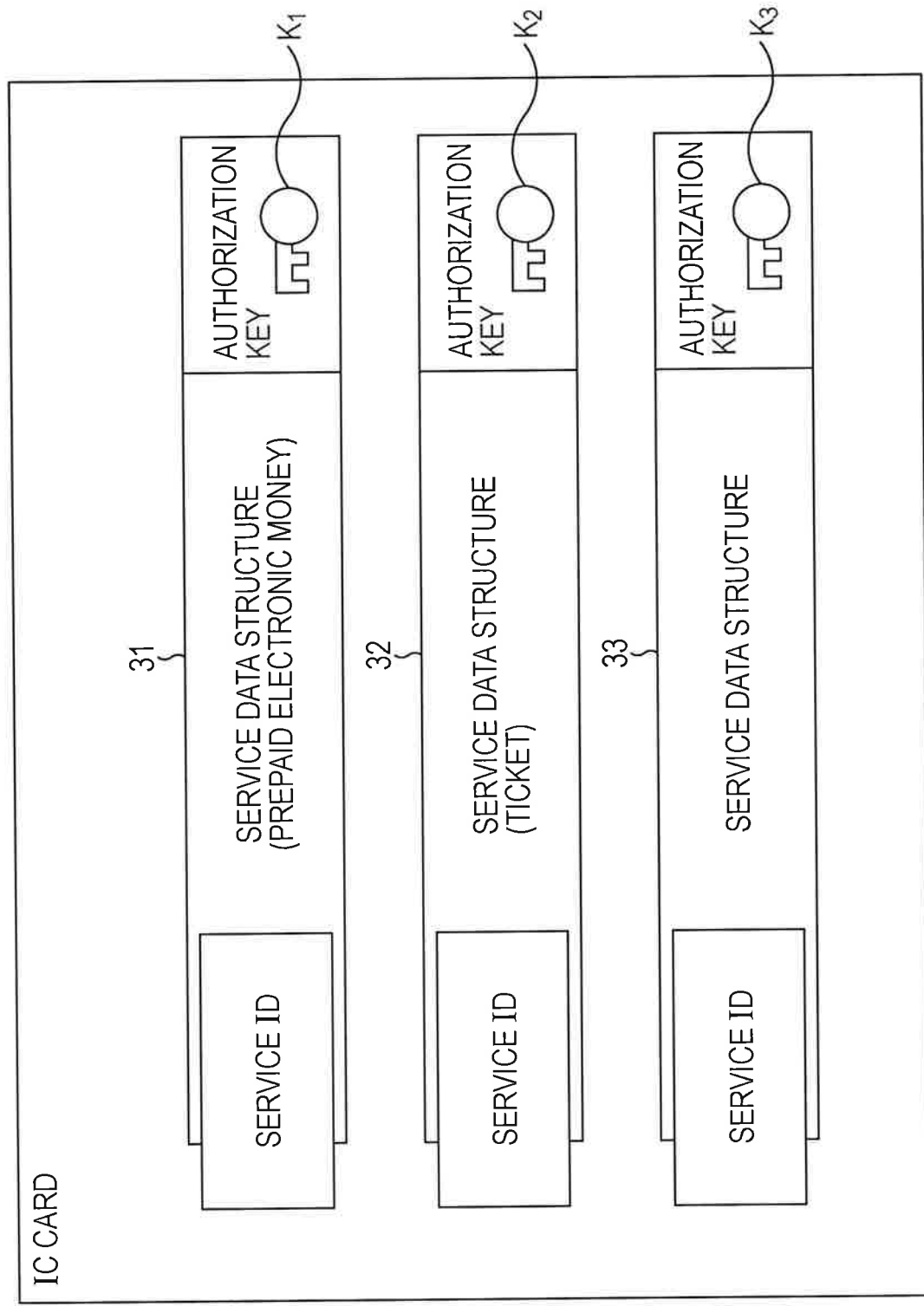


FIG. 7

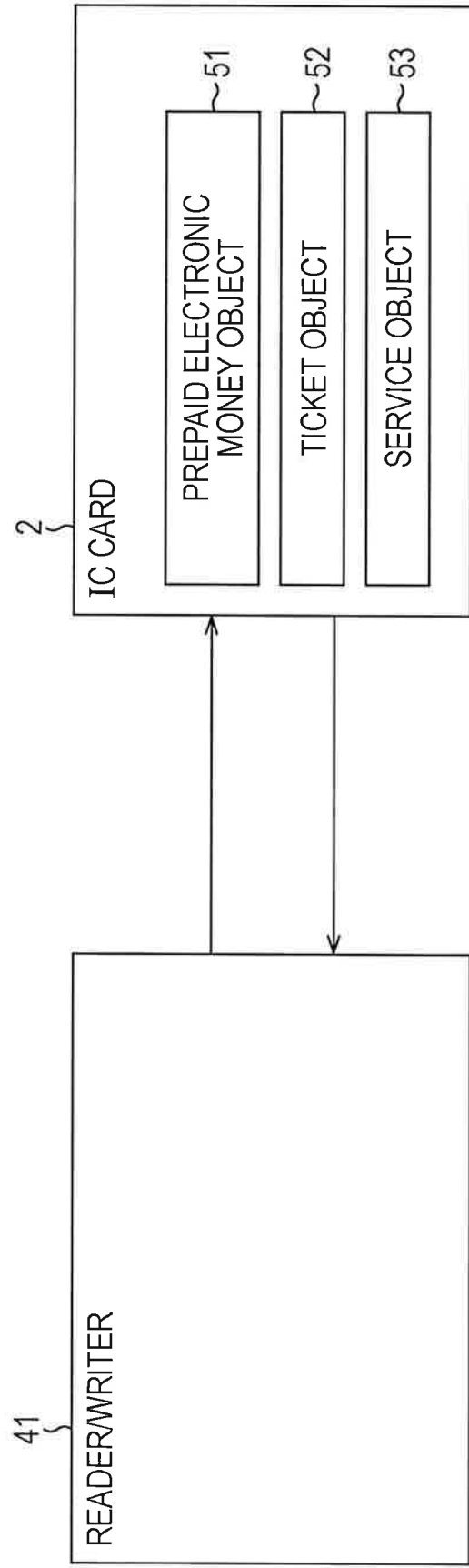
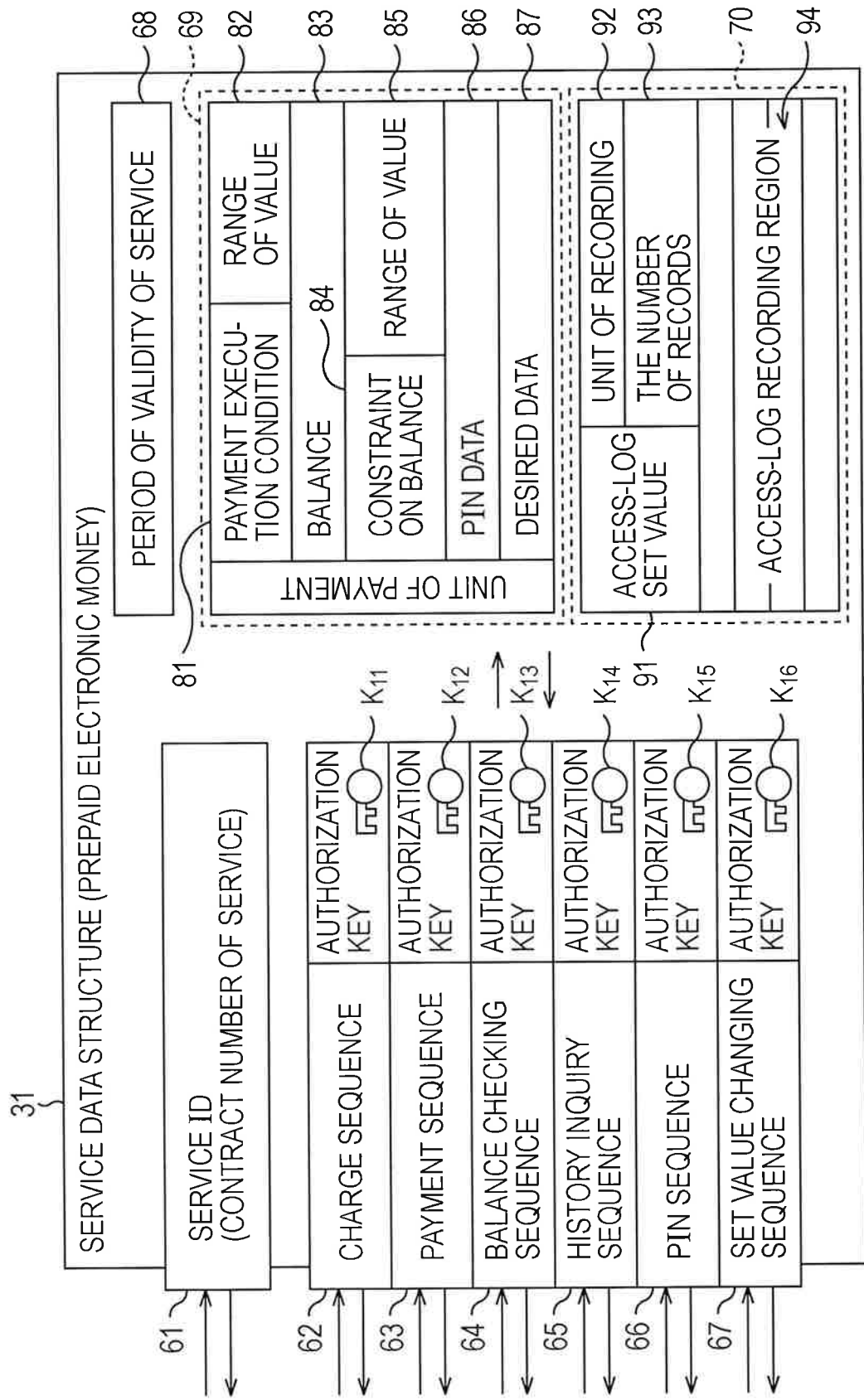
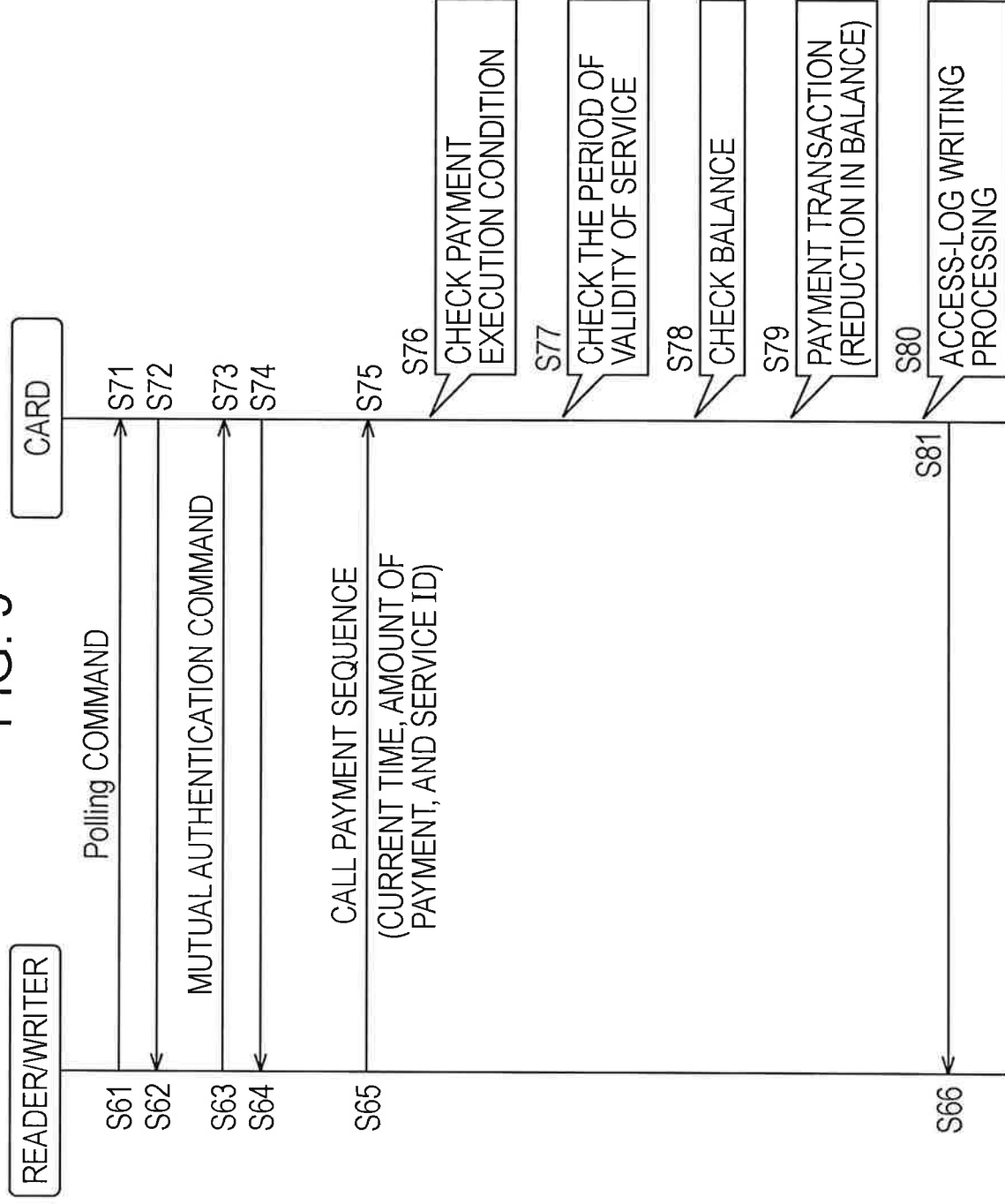


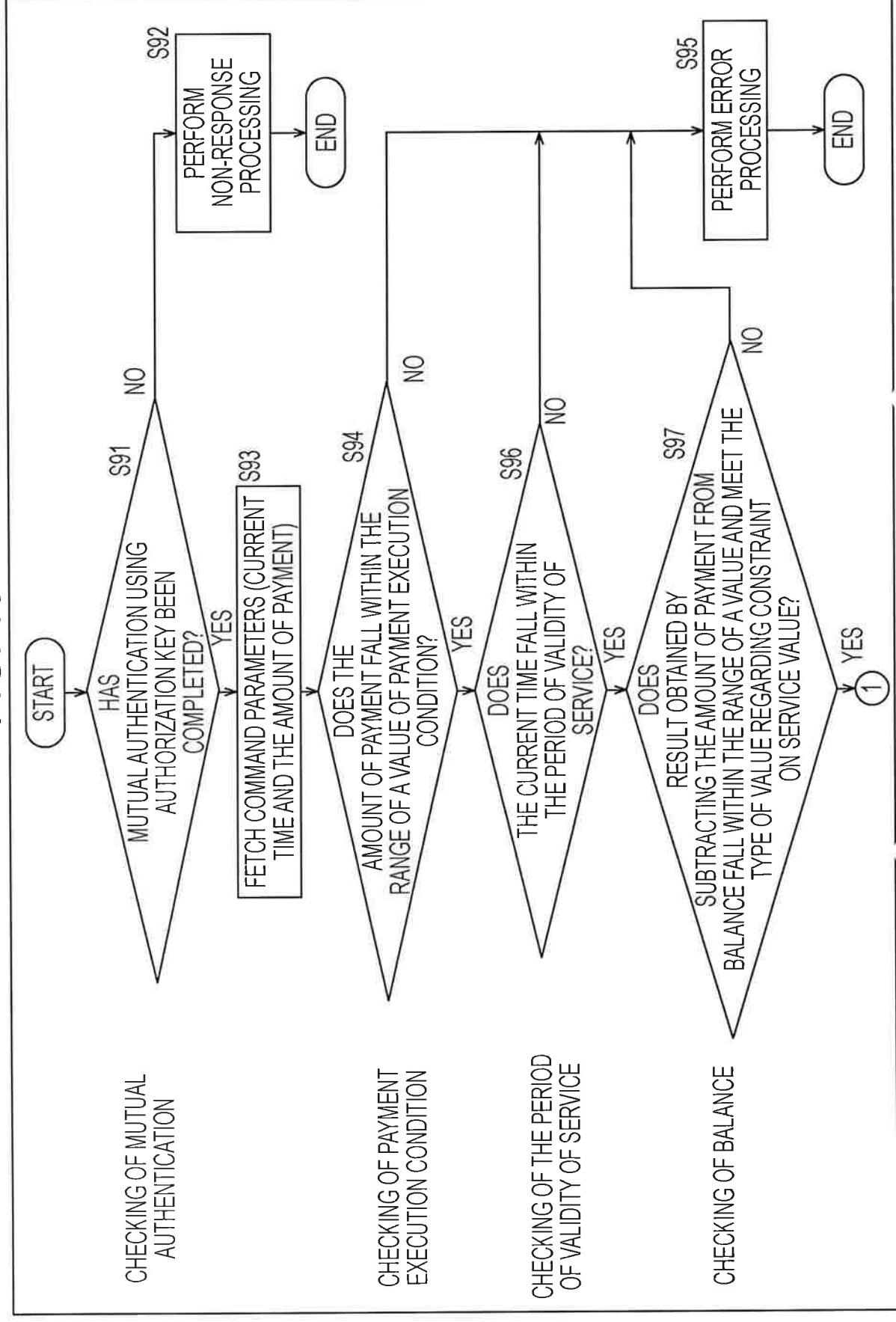
FIG. 8



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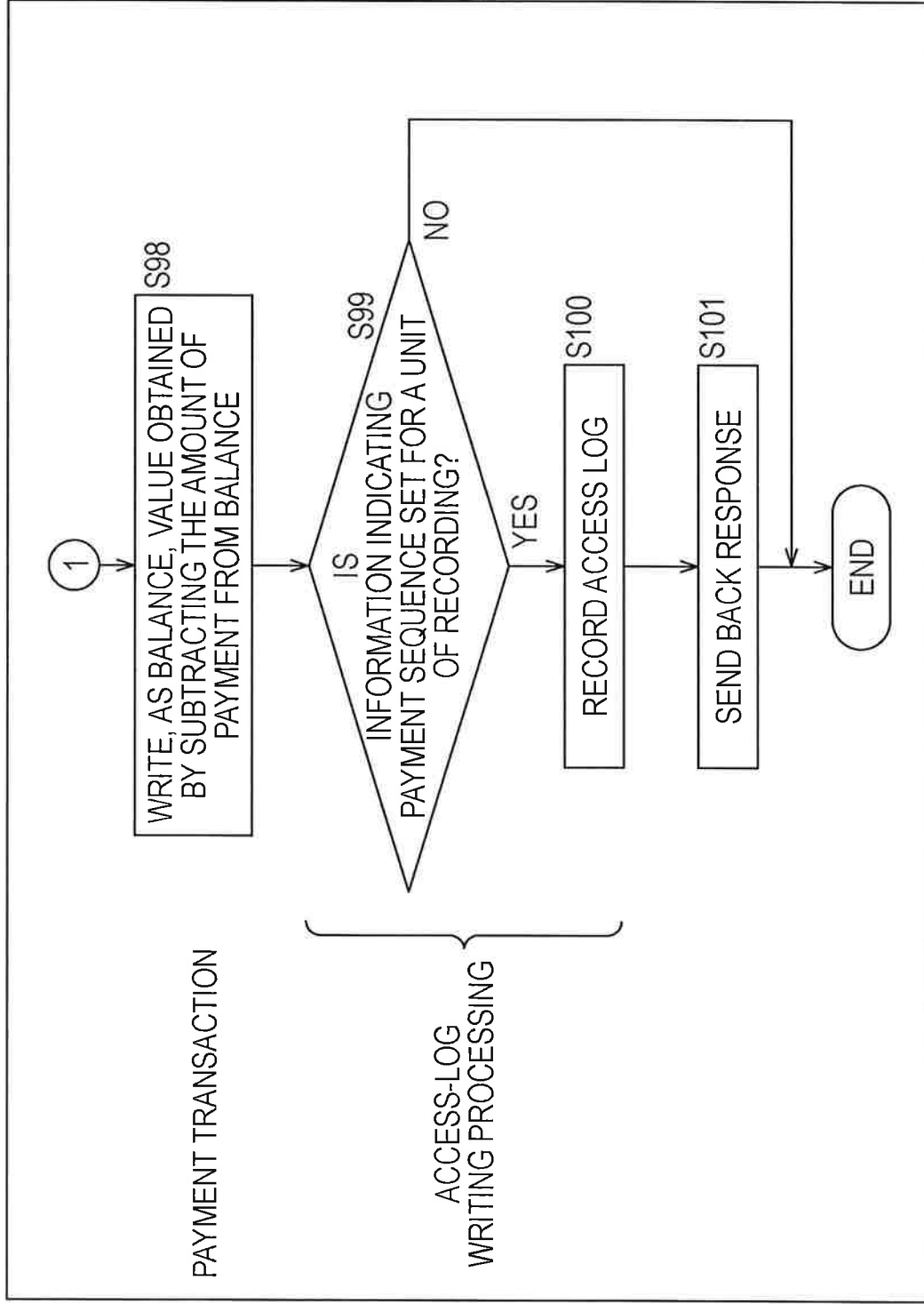
FIG. 9



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FIG. 10

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FIG. 11



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FIG. 12

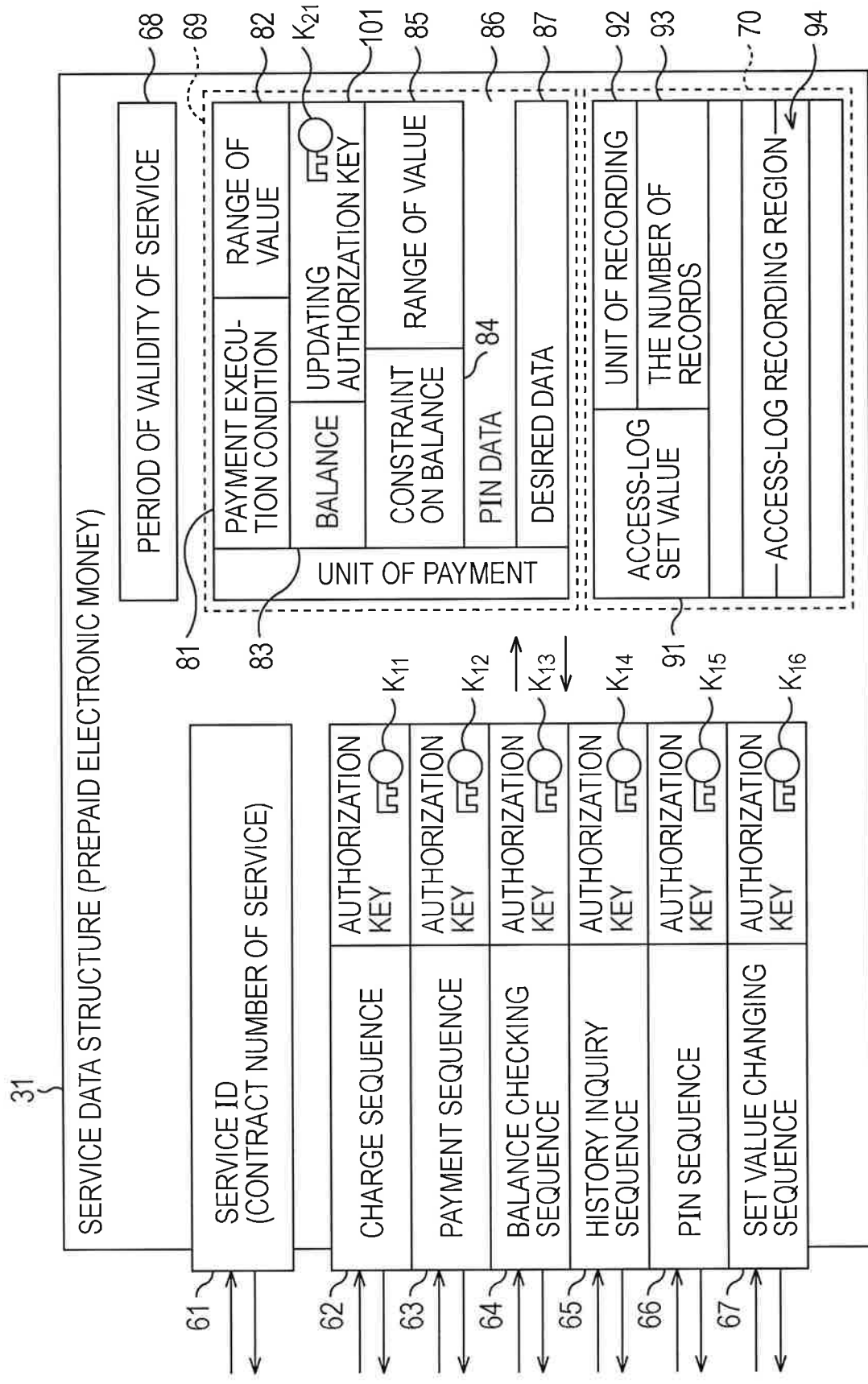


FIG. 13

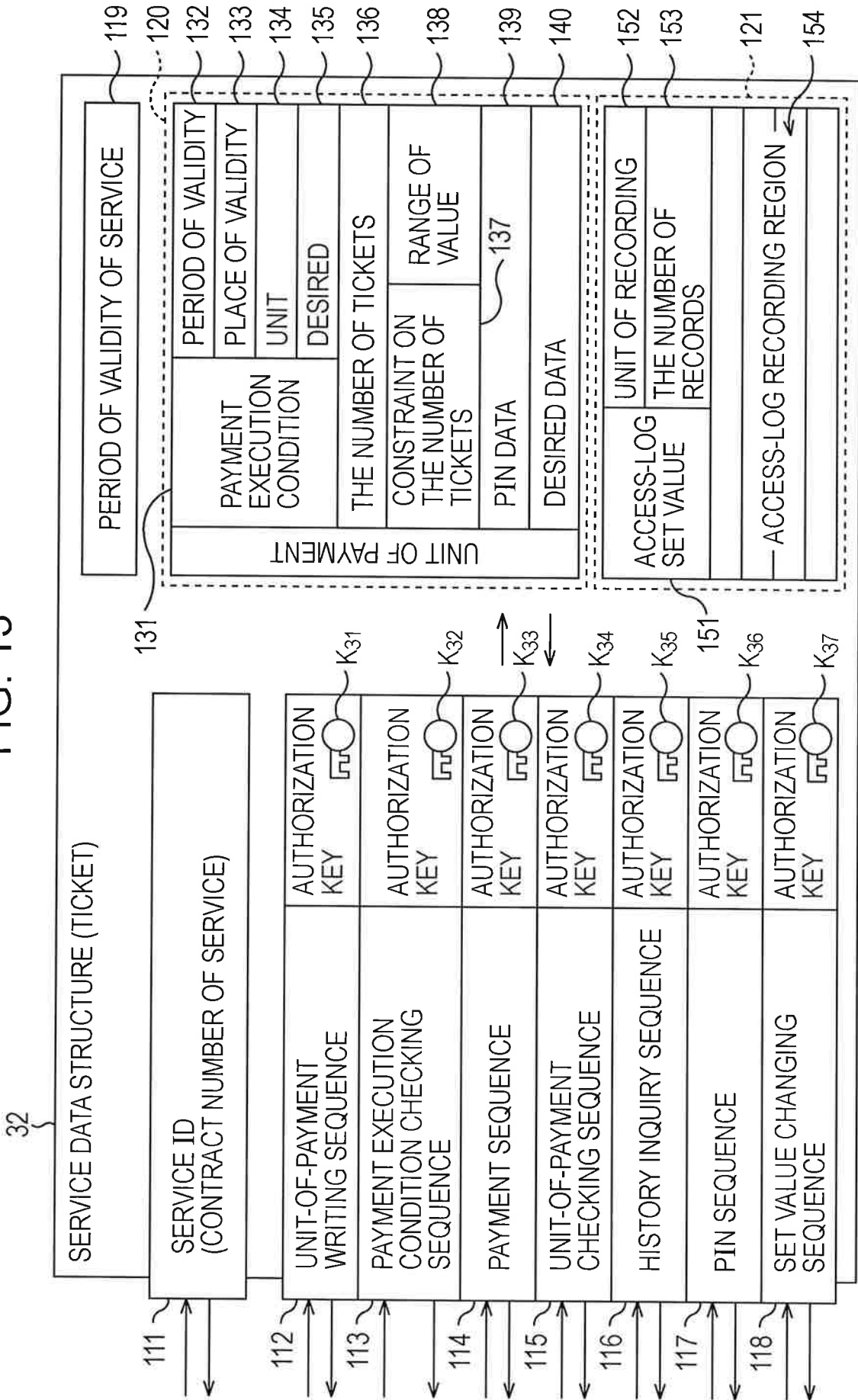
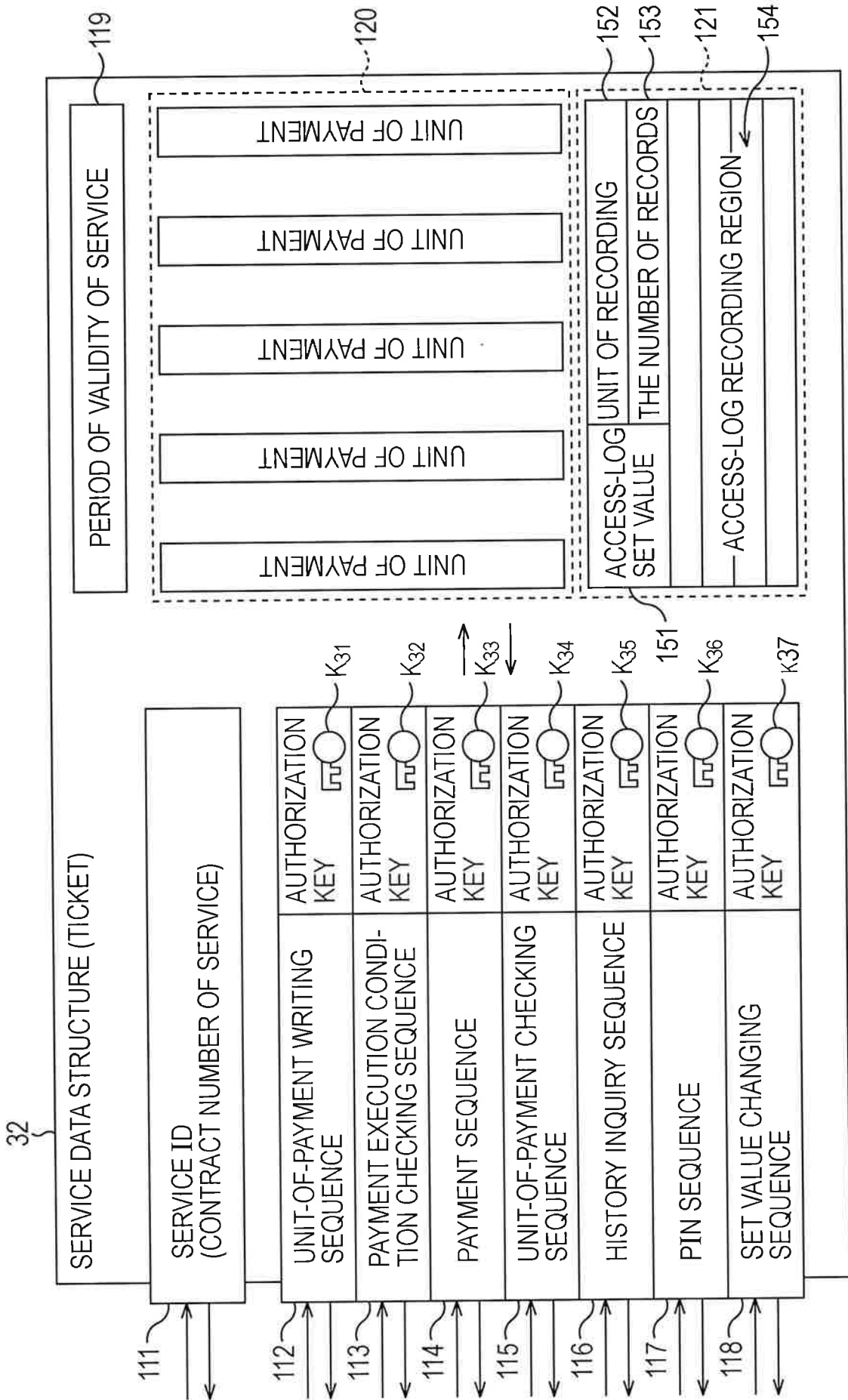


FIG. 14



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FIG. 15

