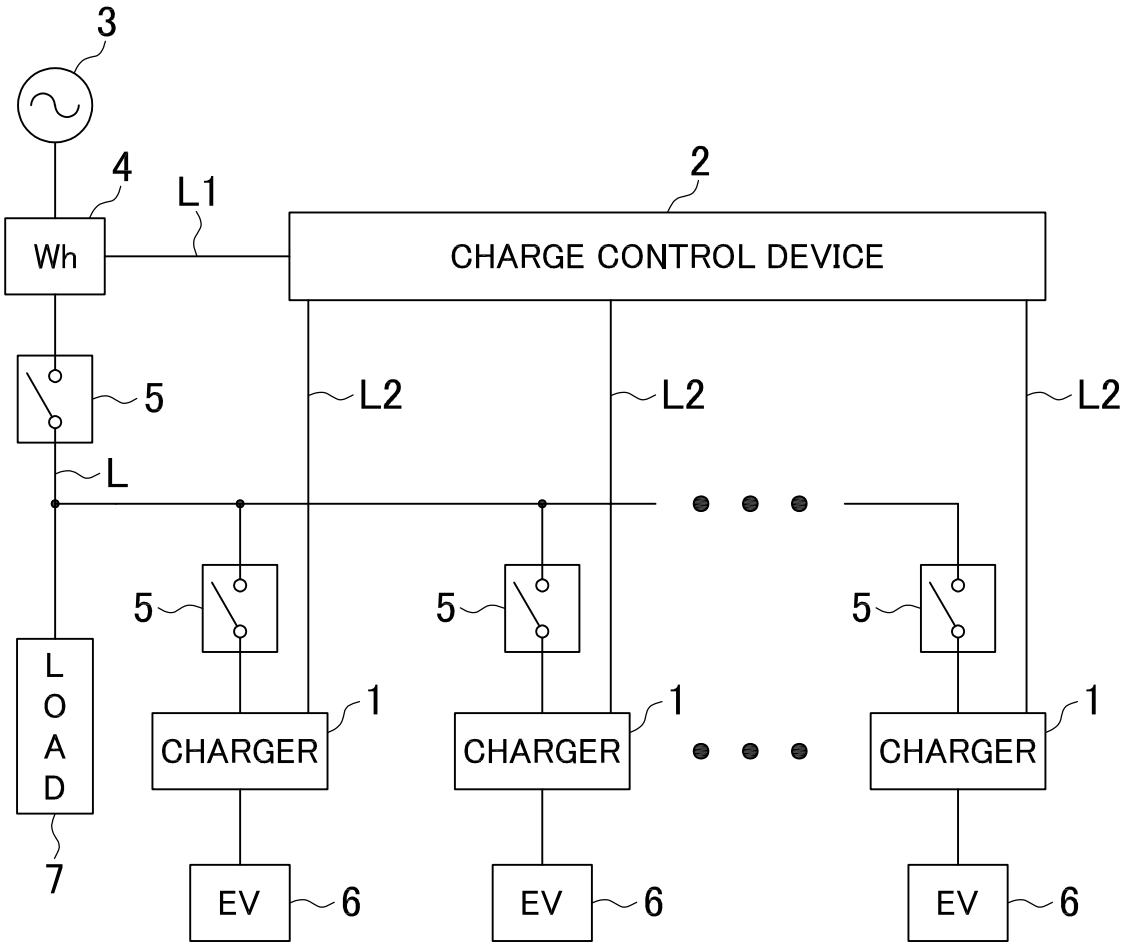
FIG.1


3
4
L1
2
Wh
CHARGE CONTROL DEVICE
5
L2
L2
L2
L
5
5
5
L
O
A
D
CHARGER
1
CHARGER
1
CHARGER
1
7
EV
6
EV
6
EV
6

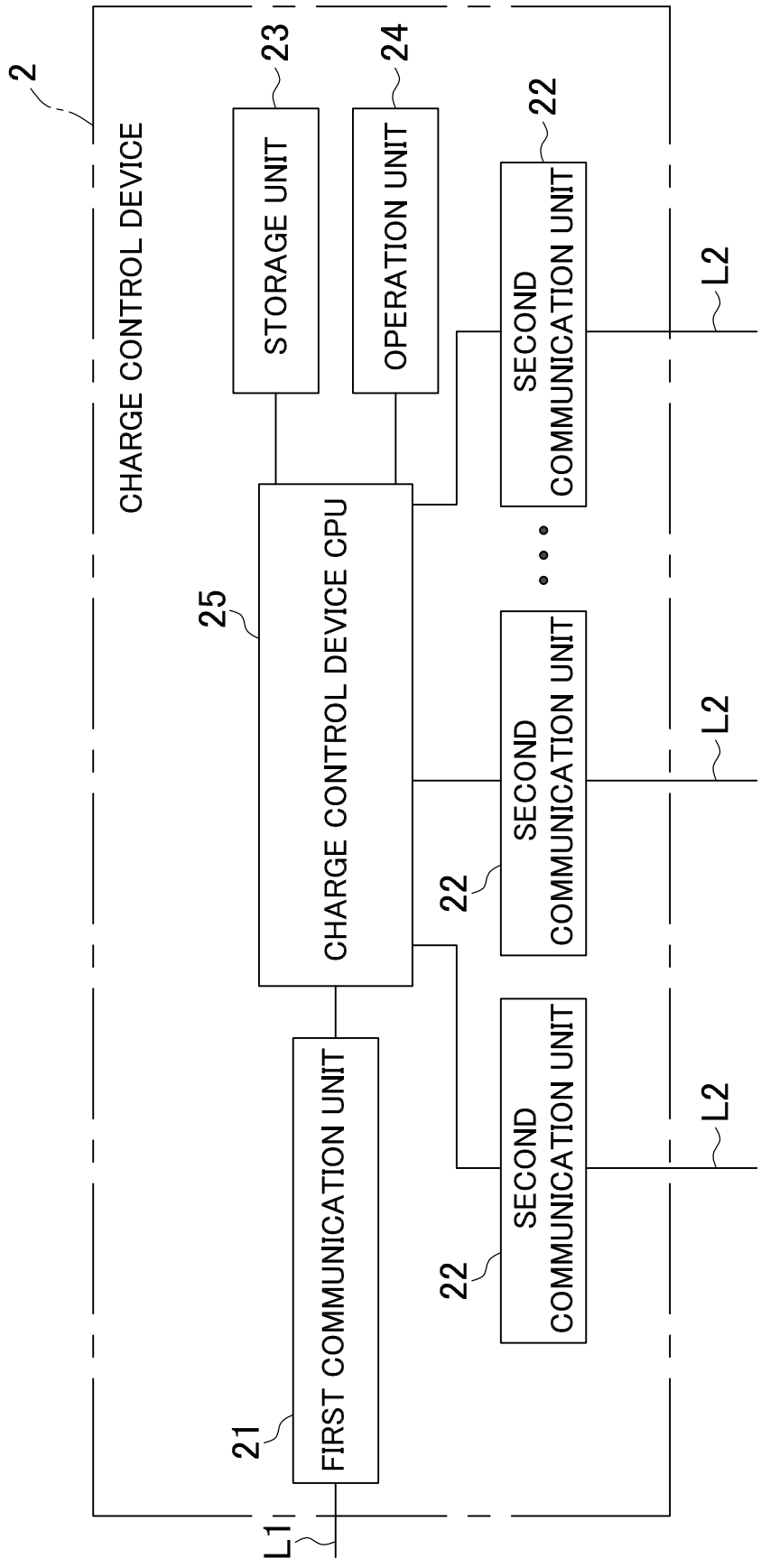

2
CHARGE CONTROL DEVICE
23
STORAGE UNIT
24
OPERATION UNIT
22
SECOND COMMUNICATION UNIT
L2
25
CHARGE CONTROL DEVICE CPU
22
SECOND COMMUNICATION UNIT
L2
22
SECOND COMMUNICATION UNIT
L2
21
FIRST COMMUNICATION UNIT
L1

FIG.2

FIG.3

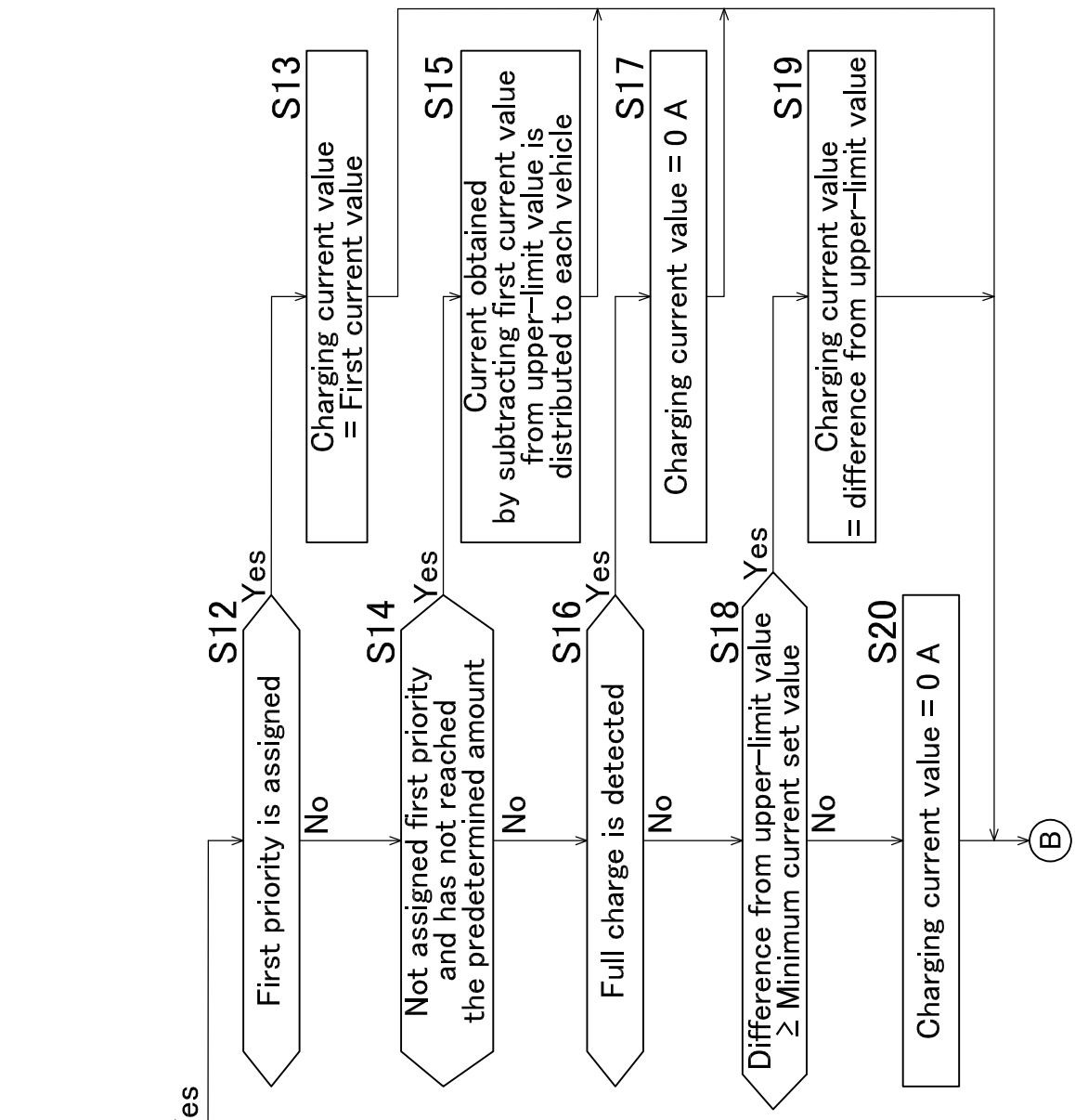

START
S11
Current obtained by subtracting first current value from suppliable current is larger than minimum current set value
Yes
No
A
S12
First priority is assigned
Yes
No
S13
Charging current value = First current value
S14
Not assigned first priority and has not reached the predetermined amount
Yes
No
S15
Current obtained by subtracting first current value from upper-limit value is distributed to each vehicle
S16
Full charge is detected
Yes
No
S17
Charging current value = 0 A
S18
Difference from upper-limit value ≥ Minimum current set value
Yes
No
S19
Charging current value = difference from upper-limit value
S20
Charging current value = 0 A
B

FIG.4

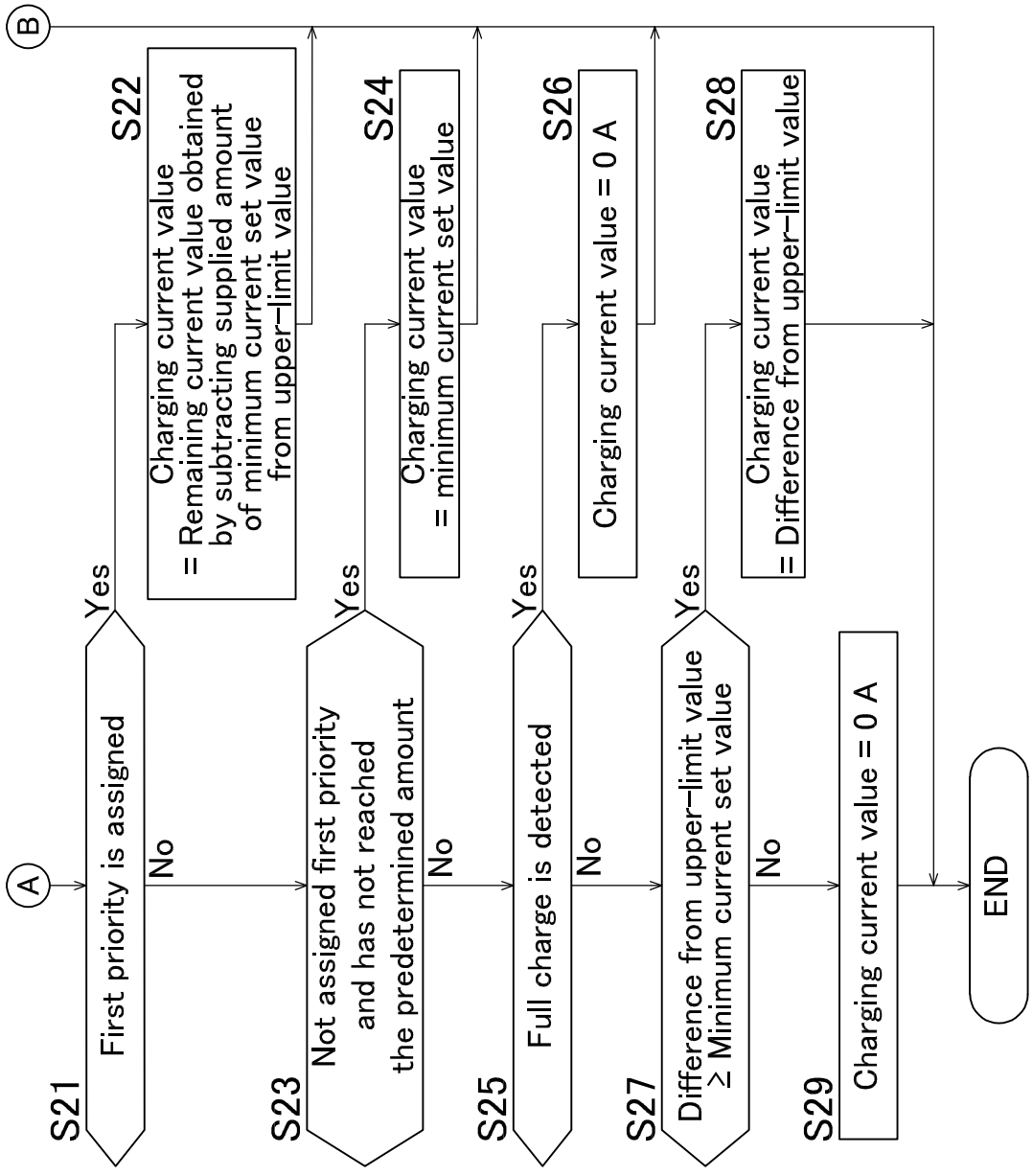
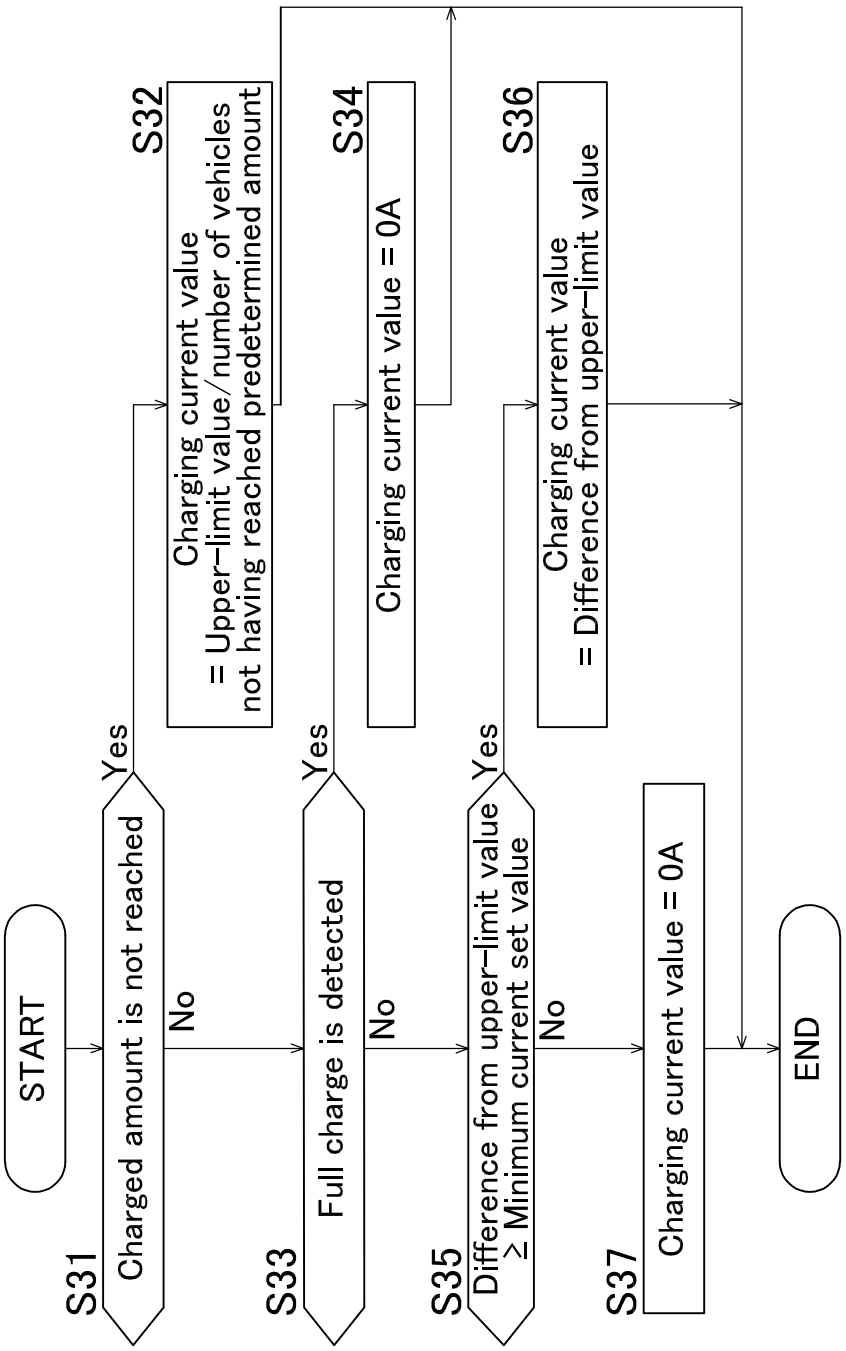

A
B
S21
First priority is assigned
Yes
No
S22
Charging current value
= Remaining current value obtained
by subtracting supplied amount
of minimum current set value
from upper-limit value
S23
Not assigned first priority
and has not reached
the predetermined amount
Yes
No
S24
Charging current value
= minimum current set value
S25
Full charge is detected
Yes
No
S26
Charging current value = 0 A
S27
Difference from upper-limit value
≥ Minimum current set value
Yes
No
S28
Charging current value
= Difference from upper-limit value
S29
Charging current value = 0 A
END

FIG.5

FIRST PRIORITY IS ASSIGNED	FIRST VEHICLE	SECOND VEHICLE	THIRD VEHICLE	FOURTH VEHICLE	TOTAL CURRENT (A)
FIRST VEHICLE	30	6	6	6	48
SECOND VEHICLE	0	30	10	10	50
THIRD VEHICLE	0	0	30	20	50
FOURTH VEHICLE	6	6	6	30	48
NONE OF VEHICLES IN PRIORITY ORDER	12	12	12	12	48

FIG.6


START
S31
Charged amount is not reached
Yes
No
S32
Charging current value
= Upper−limit value/number of vehicles
not having reached predetermined amount
S33
Full charge is detected
Yes
No
S34
Charging current value = 0A
S35
Difference from upper−limit value
≥ Minimum current set value
Yes
No
S36
Charging current value
= Difference from upper−limit value
S37
Charging current value = 0A
END