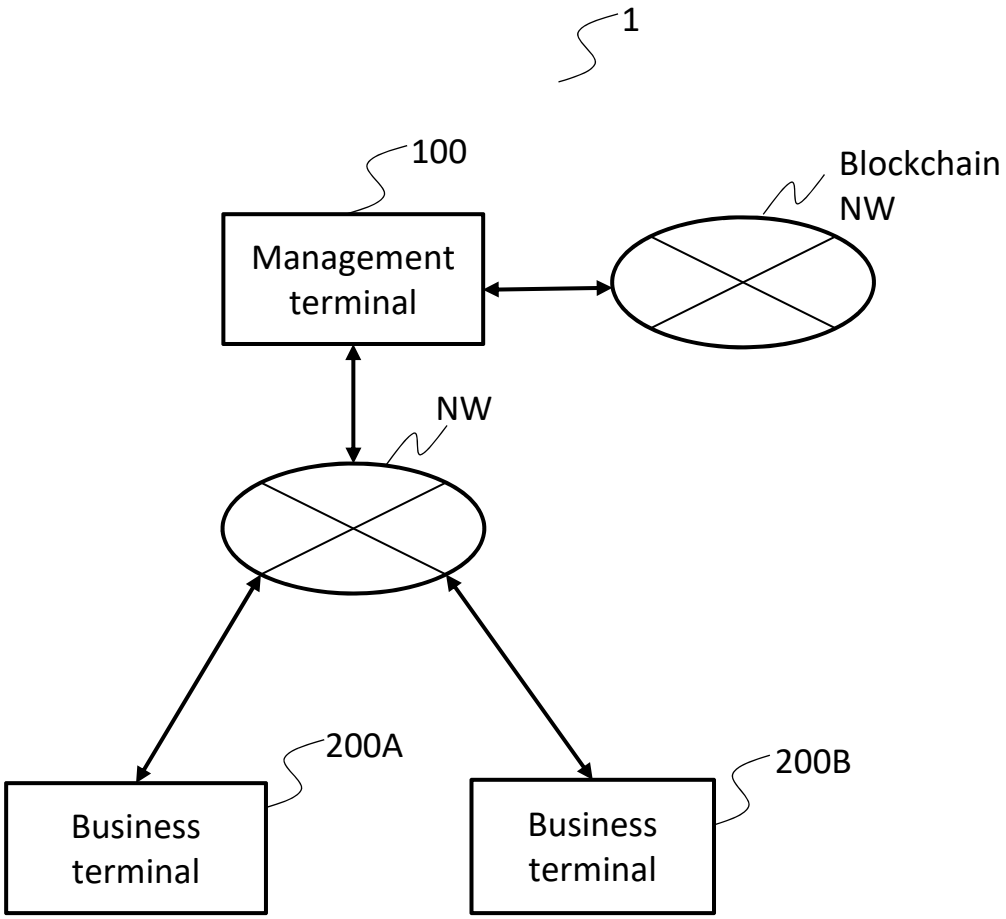

1
100
Blockchain
NW
Management
terminal
NW
200A
200B
Business
terminal
Business
terminal

FIG. 1

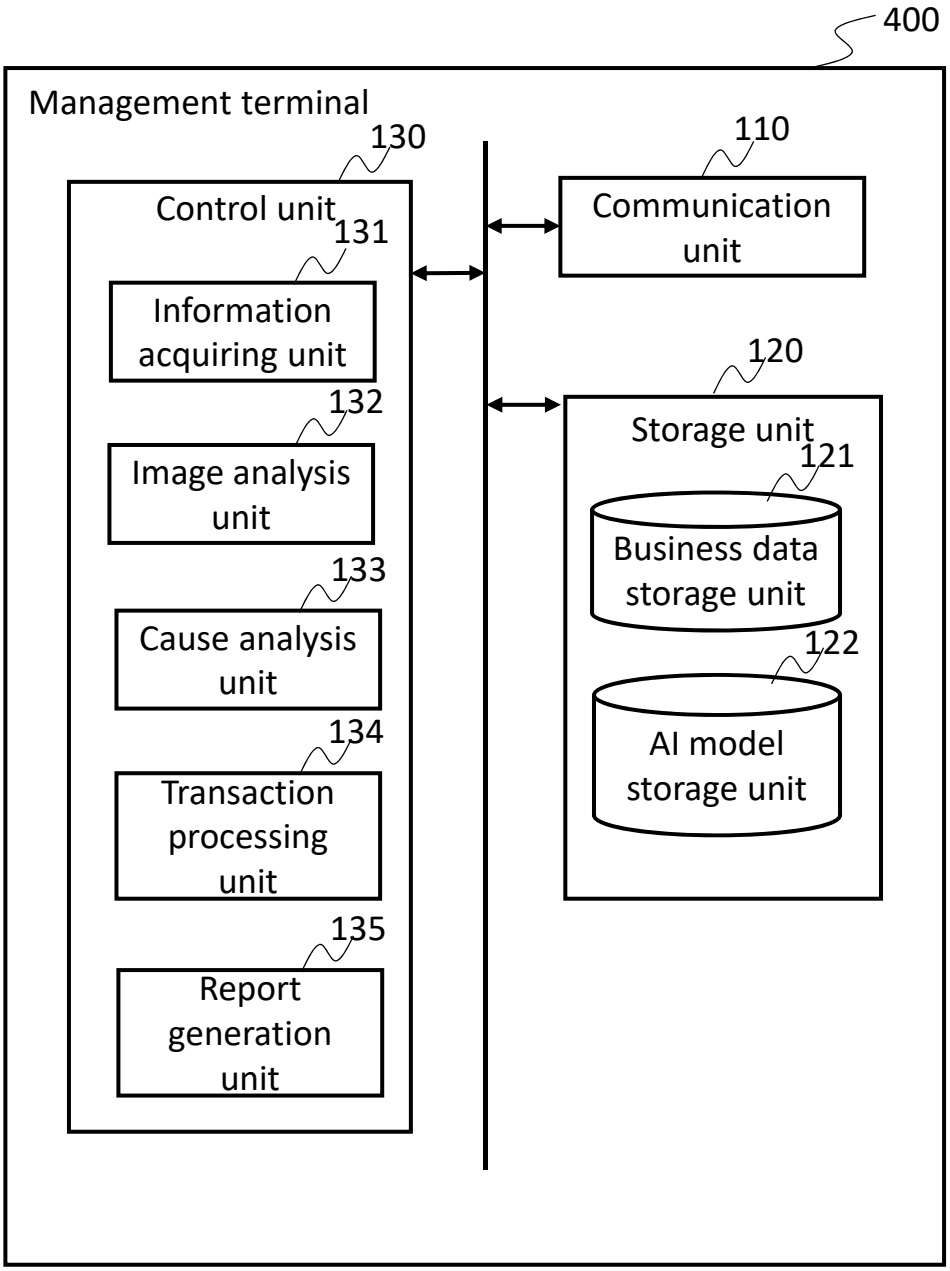

400
Management terminal
130
Control unit
131
Information acquiring unit
132
Image analysis unit
133
Cause analysis unit
134
Transaction processing unit
135
Report generation unit
110
Communication unit
120
Storage unit
121
Business data storage unit
122
AI model storage unit

FIG. 2

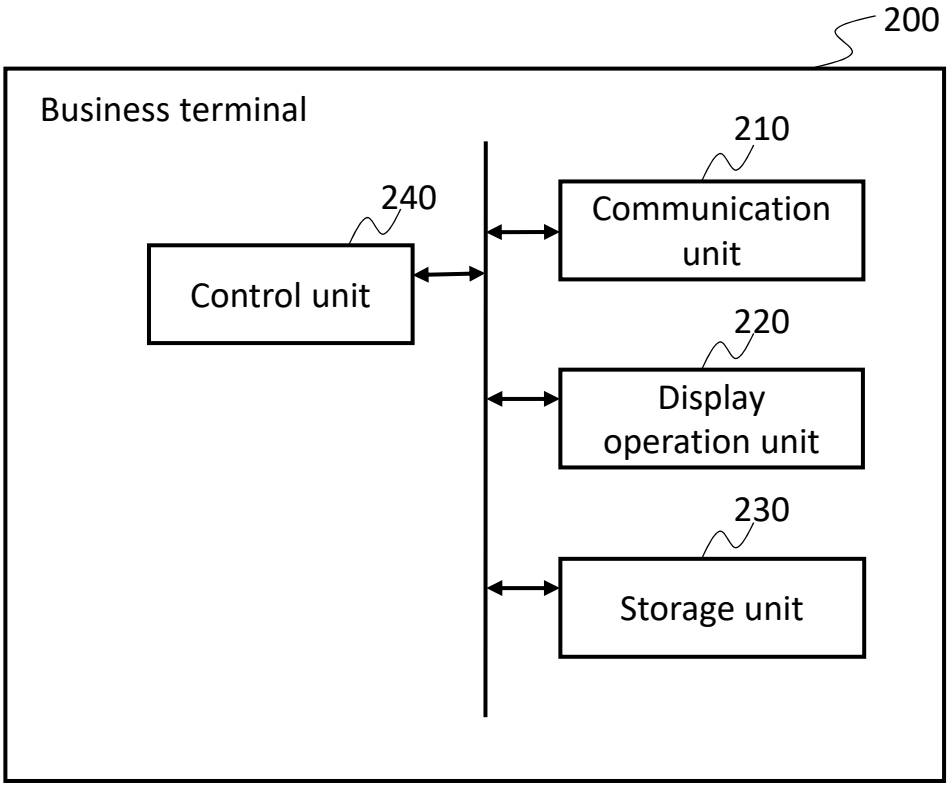

200
Business terminal
210
Communication unit
240
Control unit
220
Display operation unit
230
Storage unit

FIG. 3

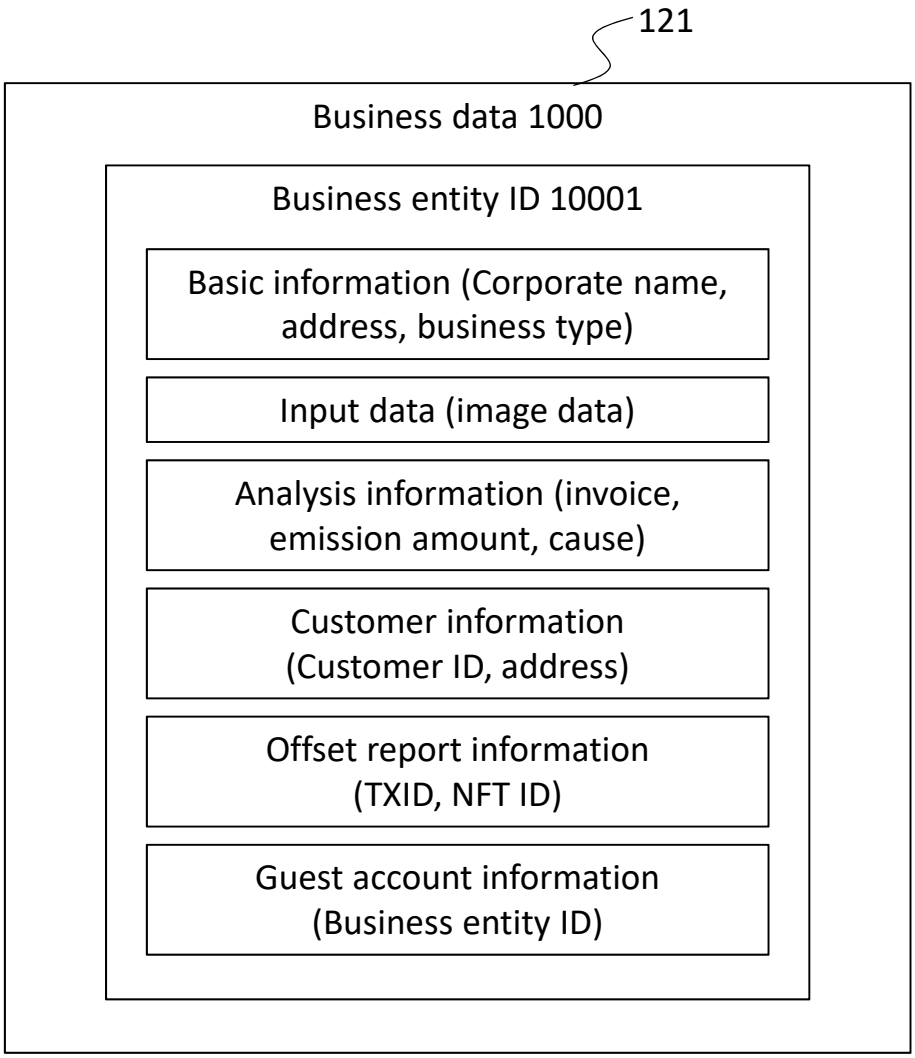

121
Business data 1000
Business entity ID 10001
Basic information (Corporate name, address, business type)
Input data (image data)
Analysis information (invoice, emission amount, cause)
Customer information (Customer ID, address)
Offset report information (TXID, NFT ID)
Guest account information (Business entity ID)

FIG. 4

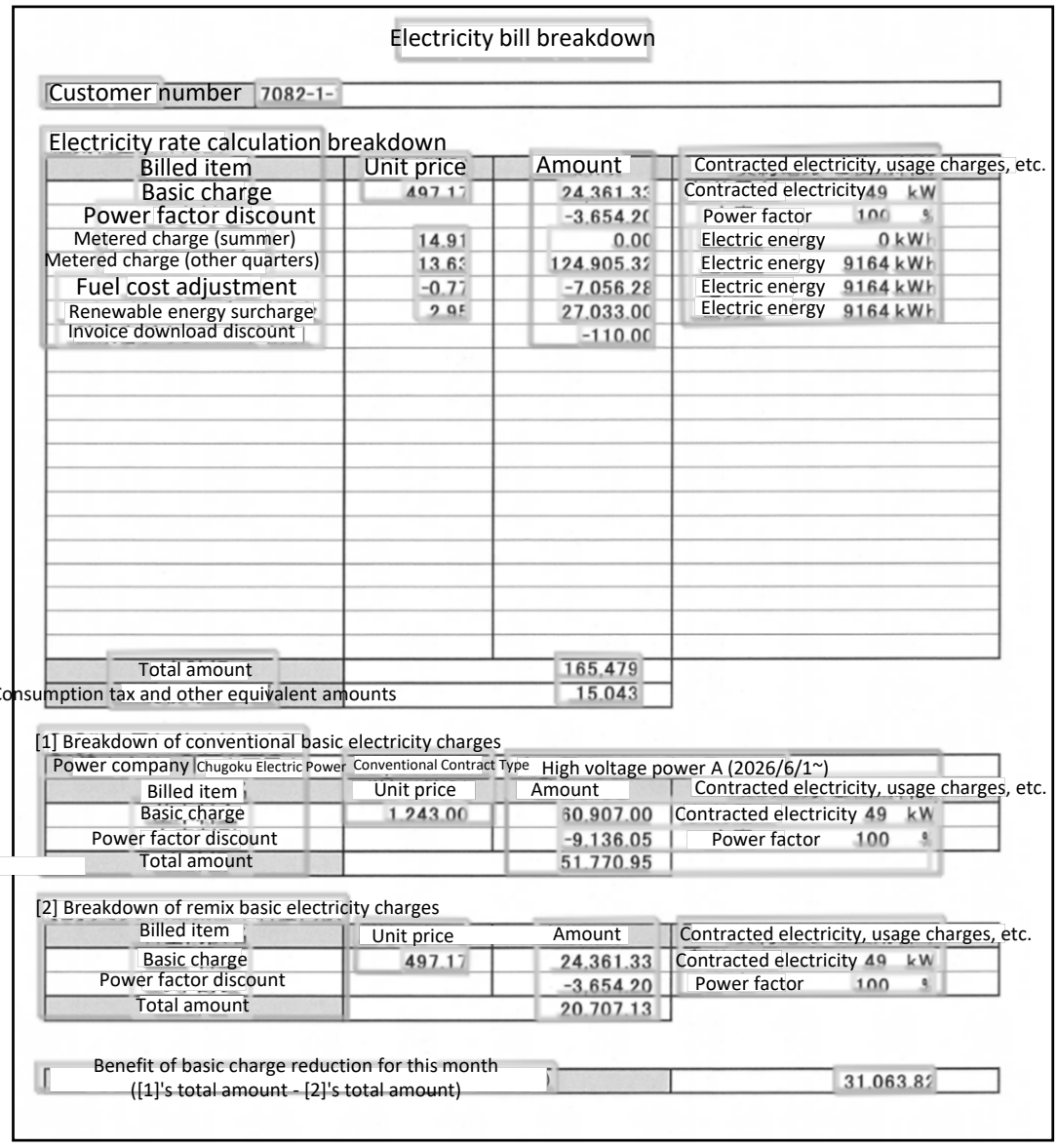

Electricity bill breakdown
Customer number 7082-1-
Electricity rate calculation breakdown
Billed item
Unit price
Amount
Contracted electricity, usage charges, etc.
Basic charge
497.17
24,361.33
Contracted electricity 49 kW
Power factor discount
-3,654.20
Power factor 100 %
Metered charge (summer)
14.91
0.00
Electric energy 0 kWh
Metered charge (other quarters)
13.63
124,905.32
Electric energy 9164 kWh
Fuel cost adjustment
-0.77
-7,056.28
Electric energy 9164 kWh
Renewable energy surcharge
2.95
27,033.00
Electric energy 9164 kWh
Invoice download discount
-110.00
Total amount
165,479
Consumption tax and other equivalent amounts
15,043
[1] Breakdown of conventional basic electricity charges
Power company Chugoku Electric Power
Conventional Contract Type
High voltage power A (2026/6/1~)
Billed item
Unit price
Amount
Contracted electricity, usage charges, etc.
Basic charge
1,243.00
60,907.00
Contracted electricity 49 kW
Power factor discount
-9,136.05
Power factor 100 %
Total amount
51,770.95
[2] Breakdown of remix basic electricity charges
Billed item
Unit price
Amount
Contracted electricity, usage charges, etc.
Basic charge
497.17
24,361.33
Contracted electricity 49 kW
Power factor discount
-3,654.20
Power factor 100 %
Total amount
20,707.13
Benefit of basic charge reduction for this month
([1]'s total amount - [2]'s total amount)
31,063.82

FIG. 5

NID	Owner address
10	0x1111111111111111
11	0x1111111111111111
12	0x1111111111111111
13	0x2222222222222222
14	0x2222222222222222
…	…

Customer ID:1

Customer ID:2

FIG. 6

Key	**Value**
TXID	0x12345678
Customer ID	2
Scope 1	1000 tCO2
Scope 2	2000 tCO2
Scope 3	1500 CO2
Year	2021
Month	7
Issue Date	2021-7-20 11:22:33

FIG. 7

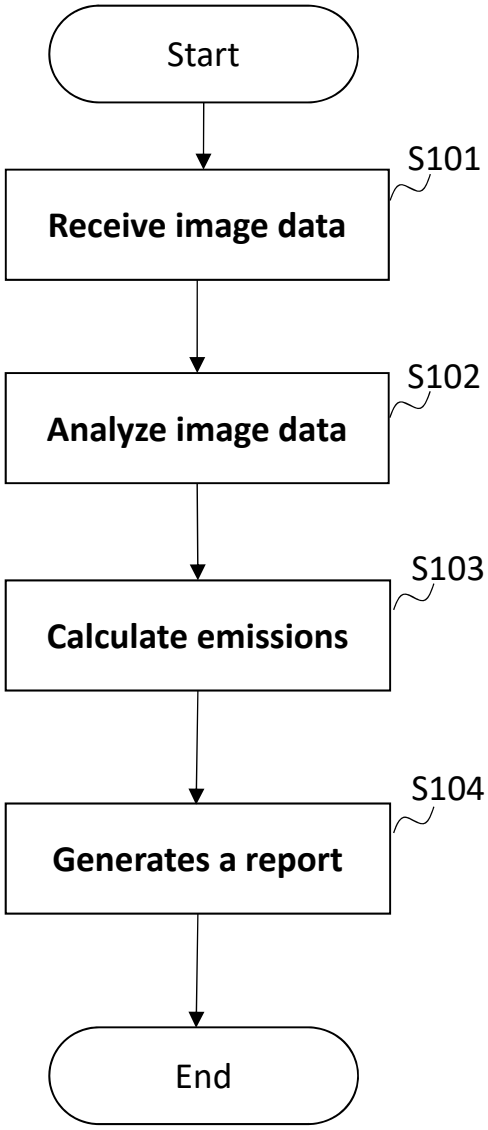

Start
S101
Receive image data
S102
Analyze image data
S103
Calculate emissions
S104
Generates a report
End

FIG. 8

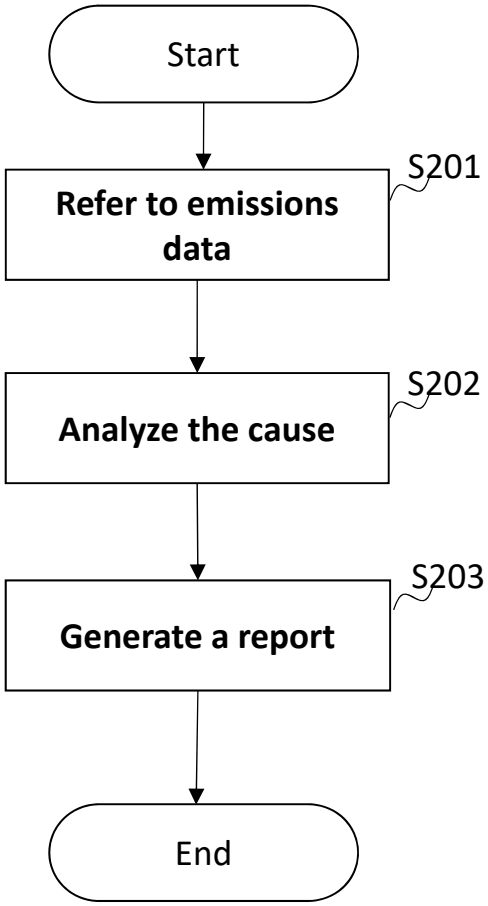

Start
S201
Refer to emissions data
S202
Analyze the cause
S203
Generate a report
End

FIG. 9

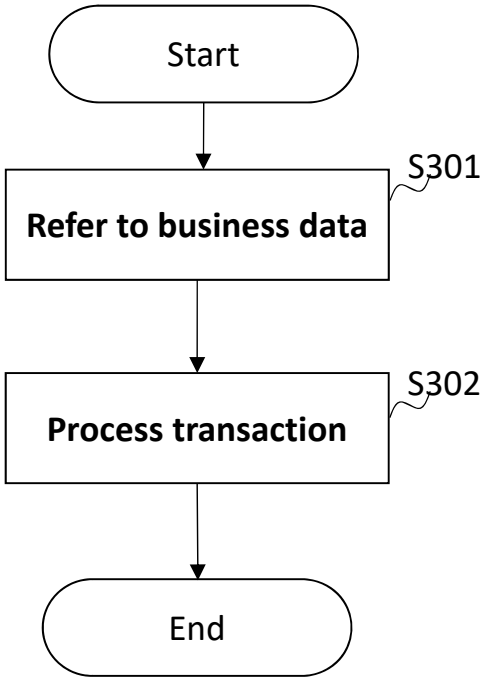

Start
S301
Refer to business data
S302
Process transaction
End

FIG. 10

Business ID	**Scope1**	**Status**
10003	1000 CO2	Primary
10011	1500 CO2	Guest of 10003
10034	2000 CO2	Guest of 10003
10069	1500 CO2	Primary
10070	3000 CO2	Guest of 10069
---	---	---

FIG. 11

Business ID	**Scope1**	**Scope2**	**Scope3**	**Status**
10003	1000 CO2	2000 CO2	1500 CO2	Primary
10011			1500 CO2	Guest of 10003
10034		2000 CO2		Guest of 10003
10069	1500 CO2	3000 CO2		Primary
10070		3000 CO2		Guest of 10069
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FIG. 12