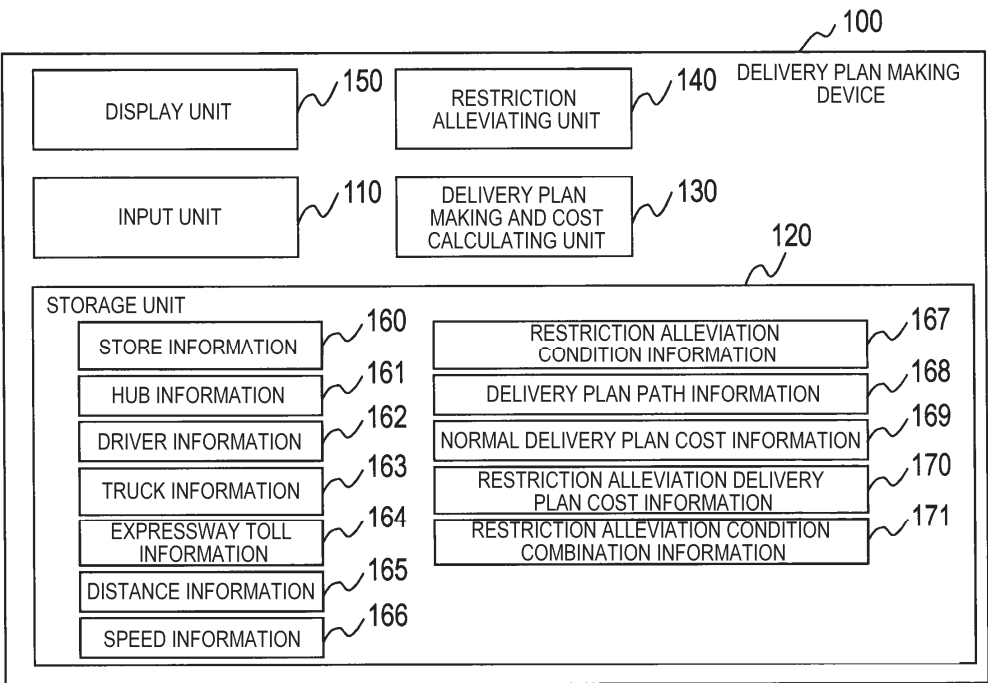
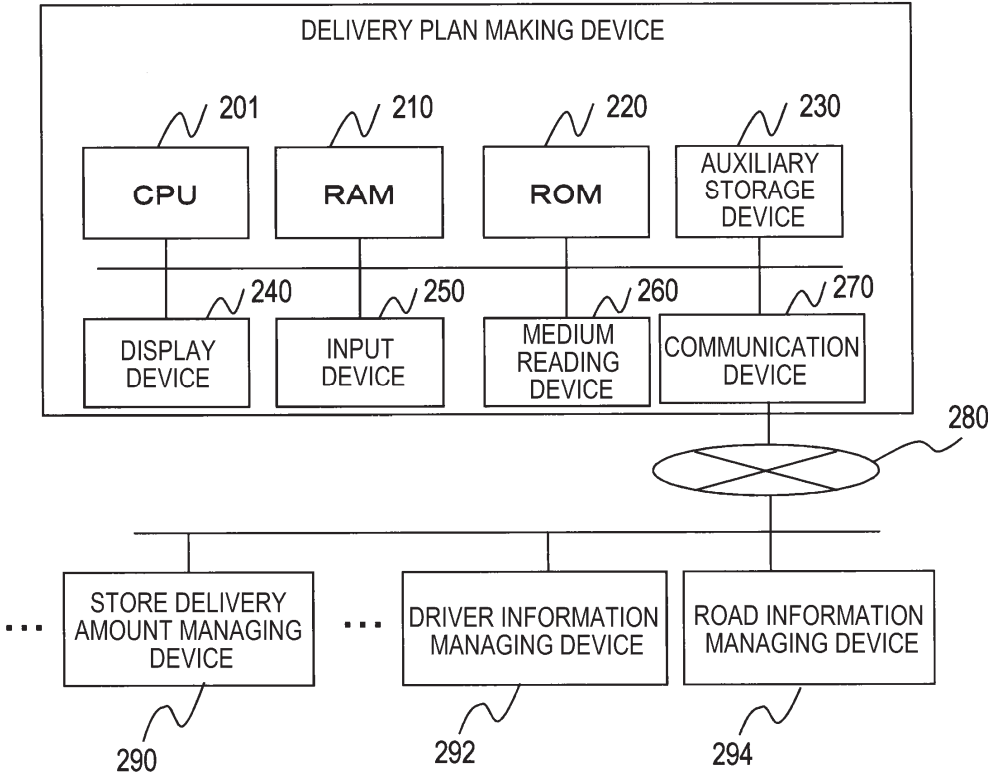


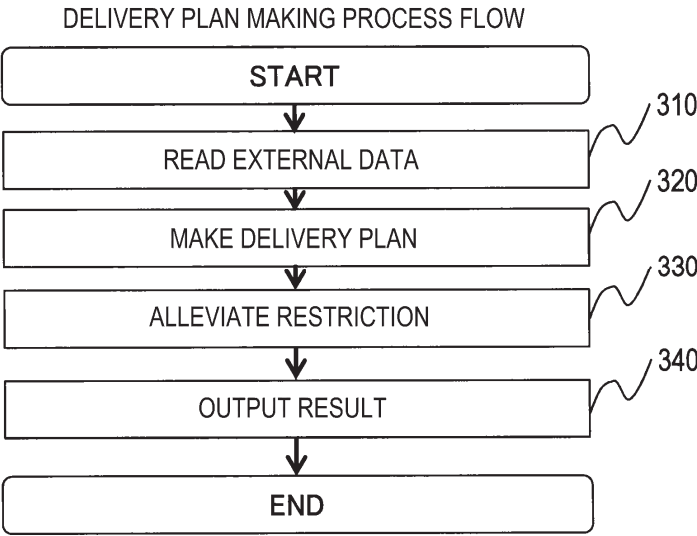
[FIG. 1]



[FIG. 2]



[FIG. 3]



[FIG. 4]

STORE INFORMATION

410 STORE NAME	420 STORE DELIVERY AMOUNT (t)	430 AVAILABLE STORE DELIVERY TIME	440 STORE LOCATION
A	1	0:00 TO 1:00	KAMAKURA, KANAGAWA PREFECTURE
B	1	1:00 TO 2:00	ISEHARA, KANAGAWA PREFECTURE
C	1	2:00 TO 3:00	YOKOHAMA, KANAGAWA PREFECTURE
D	1	2:50 TO 3:30	KAWASAKI, KANAGAWA PREFECTURE
E	1	2:50 TO 3:30	ODAWARA, KANAGAWA PREFECTURE

[FIG. 5]

HUB INFORMATION

510 HUB NAME	520 HUB LOCATION
DEPOT	KOUZA, KANAGAWA PREFECTURE

[FIG. 6]

DRIVER INFORMATION

DRIVER NAME	ACTUAL WORKABLE TIME OF DRIVER (min)	OVERTIME UNIT COST (10000 yen/hr)
A	180	0.2

[FIG. 7]

TRUCK INFORMATION

TRUCK NAME	MAXIMUM LOAD CAPACITY (t)	TRUCK CHARGE (10000 yen/truck)	TRUCK DRIVER	TRUCK UNLOADING TIME (min)
NORMAL TRUCK	5	10000 yen/truck	A	40 MINUTES

[FIG. 8]

EXPRESSWAY TOLL INFORMATION

SECTION	EXPRESSWAY TOLL (10000 yen/section)
DEPOT - STORE A SECTION	0.4
STORE A - STORE B SECTION	0.4
STORE B - DEPOT SECTION	0.4
DEPOT - STORE C SECTION	0.4
STORE C - DEPOT SECTION	0.4
DEPOT - STORE D SECTION	0.4
STORE D - DEPOT SECTION	0.4
DEPOT - STORE E SECTION	0.4
STORE E - DEPOT SECTION	0.4

[FIG. 9]

DISTANCE INFORMATION

From ⁹¹⁰	To ⁹²⁰	GENERAL ROAD DISTANCE (km) ⁹³⁰	EXPRESSWAY DISTANCE (km) ⁹⁴⁰
A	A	0	0
A	B	10	0
...	...	...	...
B	A	10	0
B	B	0	0
B	C	10	0
...	...	...	...
C	B	10	0
C	C	0	0
C	D	20	20
C	E	42	0
C	HUB	10	0
...			
D	C	20	20
D	D	0	0
D	E	40	0
...	...	...	...
E	HUB	10	0
HUB	A	10	0
HUB	B	10	0
HUB	C	10	0
HUB	D	10	0
HUB	E	10	0
HUB	HUB	0	0

¹⁶⁵

[FIG. 10]

SPEED INFORMATION

1010	1020	1030	166
TIME ZONE	GENERAL ROAD SPEED (km/h)	EXPRESSWAY SPEED (km/h)	
0:00 – 24:00	30	60	

[FIG. 11]

RESTRICTION ALLEVIATION CONDITION INFORMATION

1110	1120	1130	1140	1150	167
RESTRICTION NUMBER	ALLEVIATION CONDITION	ALLEVIATION WIDTH	MAXIMUM ALLEVIATION AMOUNT	APPLICABILITY	
1	STORE A DELIVERY TIME ADVANCEMENT	30 MINUTES	60 MINUTES	False	
...	...	...	...	...	
2	STORE D DELIVERY TIME POSTPONEMENT	10 MINUTES	120 MINUTES	True	
3	EXPRESSWAY USABLE DISTANCE	10km	0km	True	
4	ACTUAL WORKING TIME EXTENSION	10 MINUTES	180 MINUTES	True	

[FIG. 12]

1210 RESTRICTION ALLEVIATION CONDITION SETTING SCREEN

RESTRICTION ALLEVIATION CONDITION SETTING			
TARGET SETTING BOX	ALLEVIATION CONDITION	ALLEVIATION WIDTH	MAXIMUM ALLEVIATION AMOUNT
☐	STORE A DELIVERY TIME ADVANCEMENT	30 MINUTES	60 MINUTES
...	...	...	...
☒	STORE D DELIVERY TIME POSTPONEMENT	10 MINUTES	120 MINUTES
☒	EXPRESSWAY USABLE DISTANCE	10km	0km
☒	ACTUAL WORKING TIME EXTENSION	10 MINUTES	180 MINUTES

[FIG. 13]

DELIVERY PLAN PATH INFORMATION

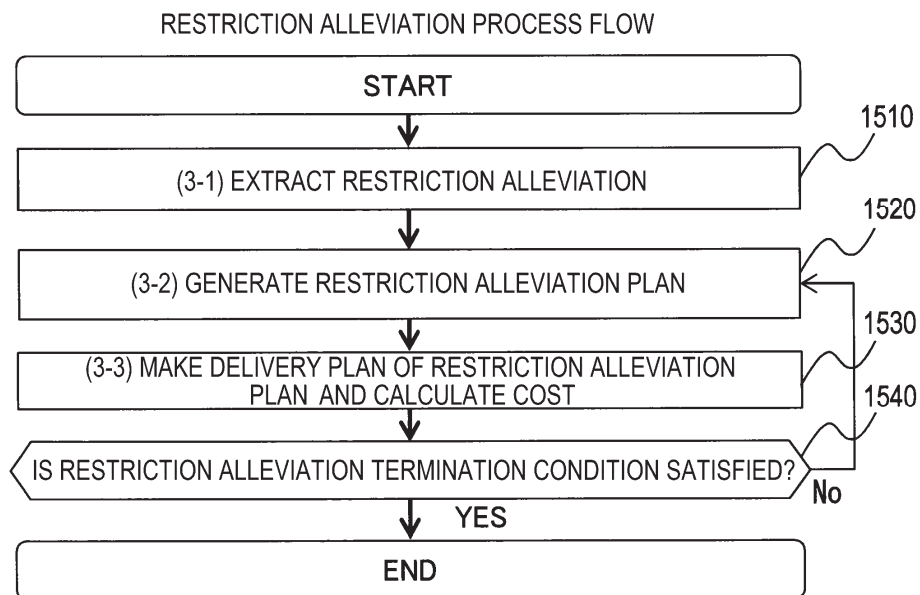
1310 DELIVERY PLAN NUMBER	1320 TRUCK NUMBER	1330 TRUCK NAME	1340 From	1350 To	1360 TRAVEL TIME (min)	1370 WORK TIME (min)	1380 EXPRESSWAY USE	1390 TOTAL ACTUAL WORKING TIME (min)
No.0	No.1	NORMAL TRUCK	DEPOT	STORE A	20	40	×	60
No.0	No.1	NORMAL TRUCK	STORE A	STORE B	20	40	×	60
No.0	No.1	NORMAL TRUCK	STORE B	DEPOT	20	0	×	20
No.0	No.2	NORMAL TRUCK	DEPOT	STORE C	20	40	×	60
No.0	No.2	NORMAL TRUCK	STORE C	DEPOT	20	0	×	20
No.0	No.3	NORMAL TRUCK	DEPOT	STORE D	20	40	×	60
No.0	No.3	NORMAL TRUCK	STORE D	DEPOT	20	0	×	20
No.0	No.4	NORMAL TRUCK	DEPOT	STORE E	20	40	×	60
No.0	No.4	NORMAL TRUCK	STORE E	DEPOT	20	0	×	20

[FIG. 14]

NORMAL DELIVERY PLAN COST INFORMATION

1410	1420	1430	1440	1450	169
DELIVERY PLAN NUMBER	TOTAL DELIVERY COST (10000 yen)	TOTAL TRUCK COST (10000 yen)	TOTAL EXPRESSWAY COST (10000 yen)	TOTAL OVERTIME COST (10000 yen)	
No.0	4	4	0	0	

[FIG. 15]



[FIG. 16]

RESTRICTION ALLEVIATION DELIVERY PLAN COST INFORMATION

1610	1620	1630	1640	1650	170
DELIVERY PLAN NUMBER	TOTAL DELIVERY COST (10000 yen)	TOTAL TRUCK COST (10000 yen)	TOTAL EXPRESSWAY COST (10000 yen)	TOTAL OVERTIME COST (10000 yen)	
No.1	3	3	0	0	
No.2	3.4	3	0.4	0	
No.3	3.1	3	0	0.1	
No.4	2.2	2	0	0.2	
No.5	3.0	2	0.8	0.2	

[FIG. 17]

RESTRICTION ALLEVIATION COMBINATION INFORMATION

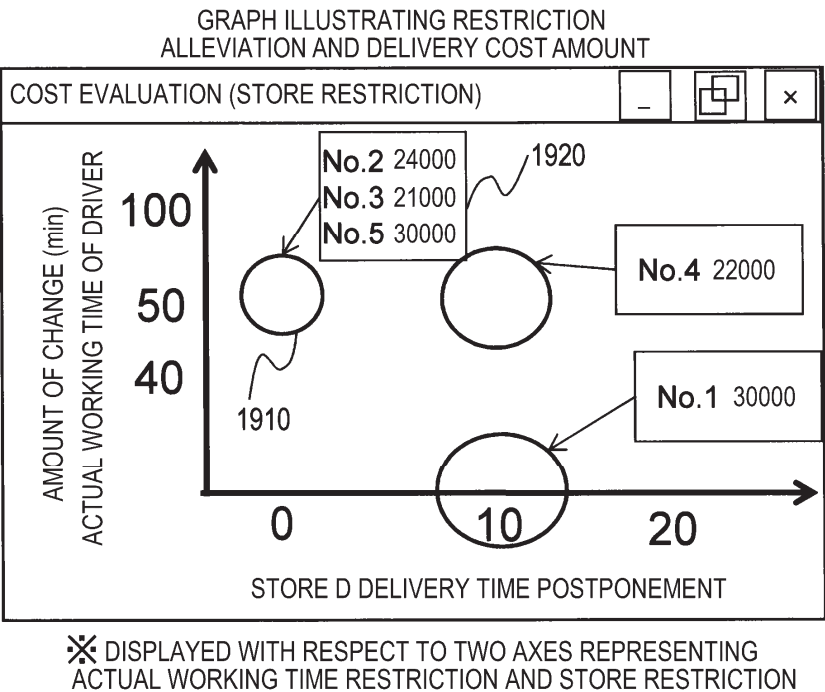
DELIVERY PLAN NUMBER	RESTRICTION ALLEVIATION	ALLEVIATION AMOUNT
No.1	STORE D DELIVERY TIME POSTPONEMENT	10 MINUTES
No.2	EXPRESSWAY USE	10km
No.3	ACTUAL WORKING TIME EXTENSION	50 MINUTES
No.4	EXPRESSWAY USE	20km
No.4	STORE D DELIVERY TIME POSTPONEMENT	10 MINUTES
No.5	EXPRESSWAY USE	10km
No.5	ACTUAL WORKING TIME EXTENSION	50 MINUTES

[FIG. 18]

RESTRICTION ALLEVIATION AND DELIVERY COST DISPLAY SCREEN

DELIVERY PLAN NUMBER	DELIVERY COST (10000 yen)	RESTRICTION ALLEVIATION WIDTH		
		EXPRESSWAY USE (km)	DELIVERY TIME POSTPONEMENT (min)	ACTUAL WORKING TIME EXTENSION (min)
1	3	NONE	10 MINUTES	0
2	3.4	10km	—	0
3	3.1	NONE	—	50 MINUTES
4	2.2	NONE	10 MINUTES	50 MINUTES
5	3.0	10km	—	50 MINUTES

[FIG. 19]



[FIG. 20]

