

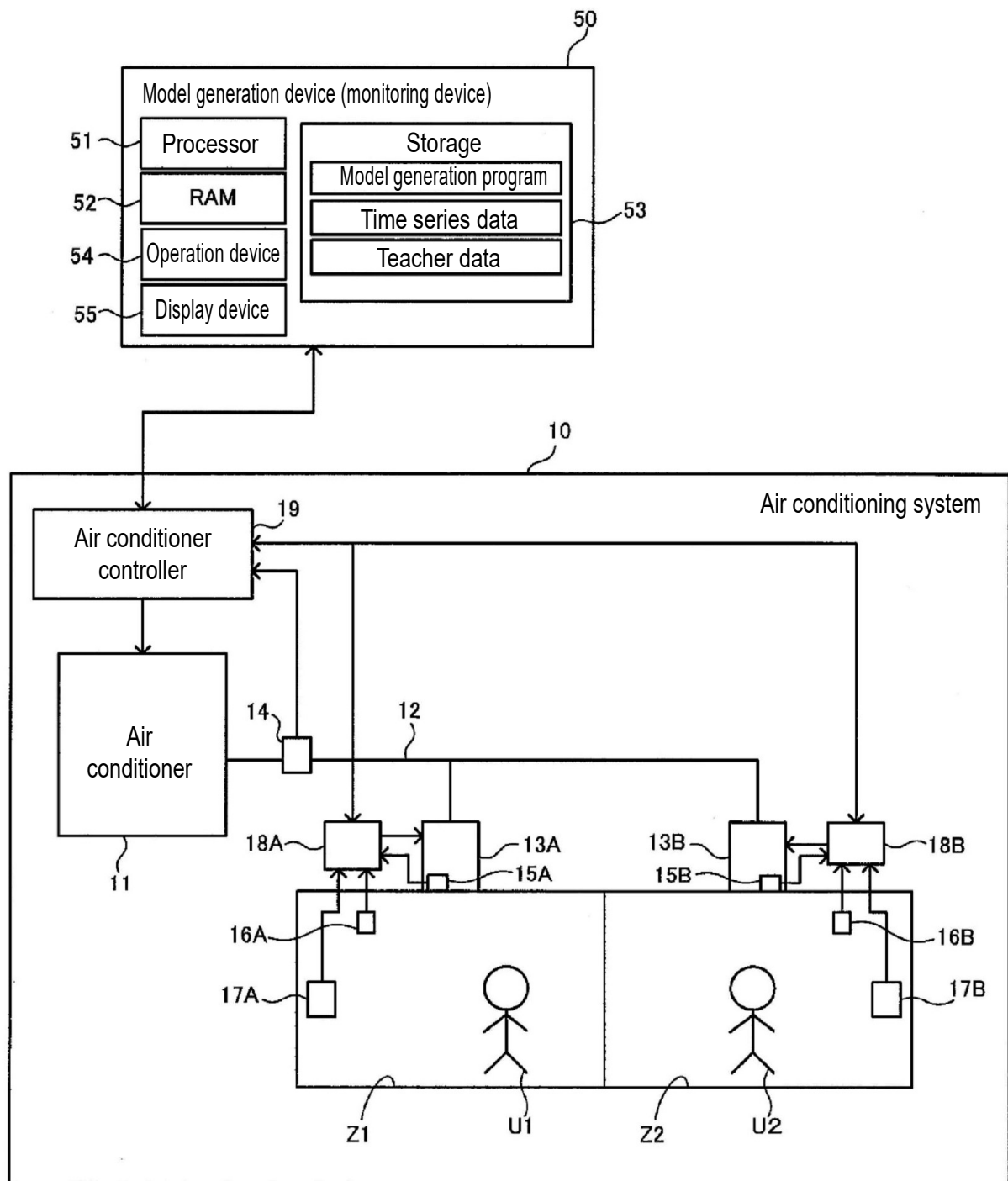


FIG. 1

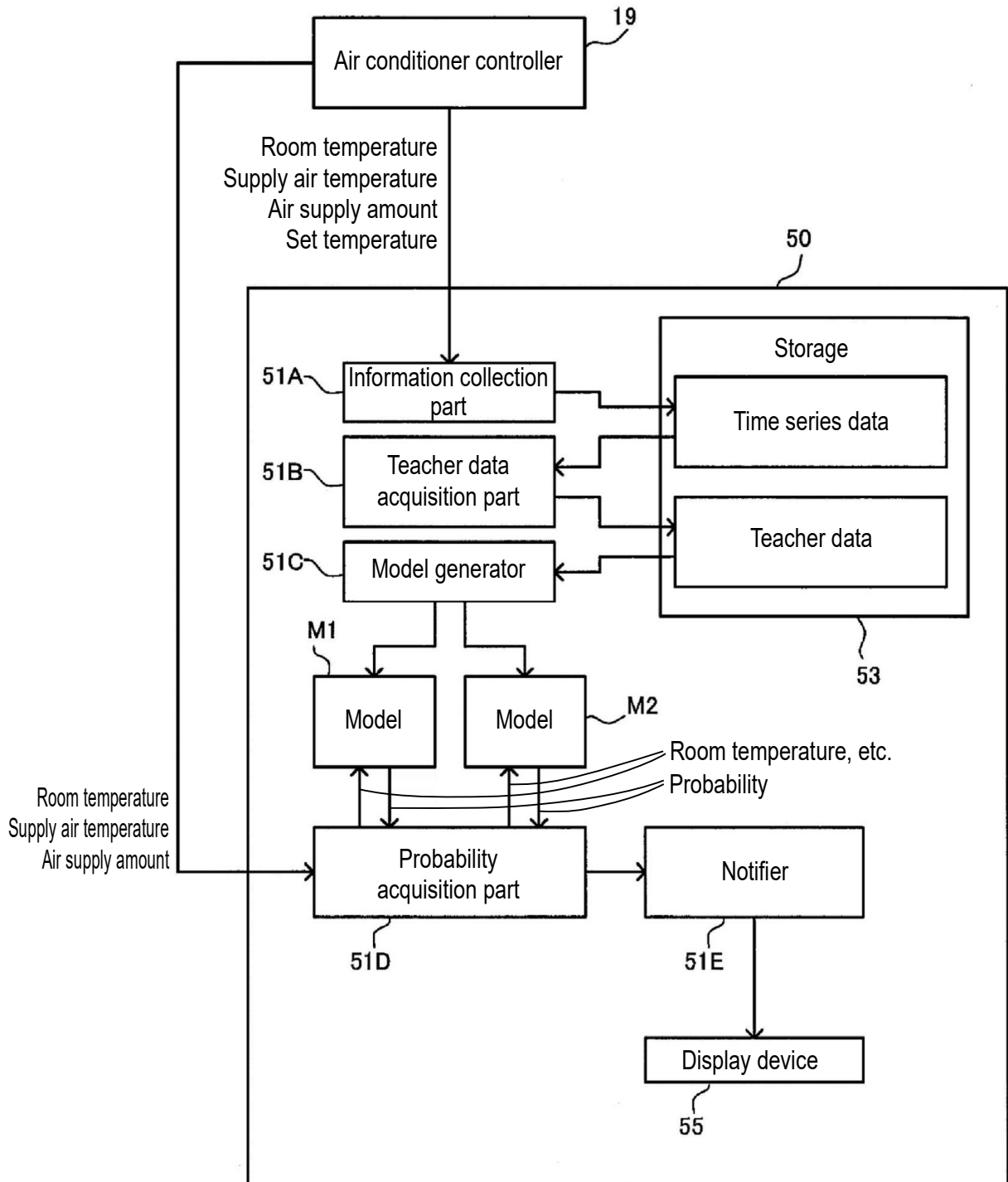


FIG. 2

Time series data of air conditioning zone Z1

Time	Room temperature T1	Supply air temperature Tsa	Air supply amount Q1	Set temperature SP1
2020/3/1/12:00	23.1°C	14.2°C	50.9%	23.5°C
2020/3/1/12:10	23.8°C	14.3°C	50.7%	23.5°C
2020/3/1/12:20	23.4°C	13.9°C	50.1%	23.5°C
2020/3/1/12:30	24.4°C	14.1°C	50.8%	24.5°C

Teacher data D1

Explanatory variable (T1, Tsa, Q1)	Objective variable
23.1°C, 14.2°C, 50.9%	Others
23.8°C, 14.3°C, 50.7%	Others
23.4°C, 13.9°C, 50.1%	Cold
24.4°C, 14.1°C, 50.8%	Others

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Feel cold and change
set temperature

FIG. 3

Time series data of air conditioning zone Z2

Time	Room temperature T2	Supply air temperature Tsa	Air supply amount Q2	Set temperature SP2
2020/3/1/12:00	26.2°C	14.2°C	40.1%	26.0°C
2020/3/1/12:10	26.1°C	14.3°C	40.1%	26.0°C
2020/3/1/12:20	25.1°C	13.9°C	39.9%	25.0°C
2020/3/1/12:30	25.0°C	14.1°C	40.0%	25.0°C

Teacher data D2

Explanatory variable (T2, Tsa, Q2)	Objective variable
26.2°C, 14.2°C, 40.1%	Others
26.1°C, 14.3°C, 40.1%	Hot
25.1°C, 13.9°C, 39.9%	Others
25.0°C, 14.1°C, 40.0%	Others

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Feel hot and change set
temperature

FIG. 4

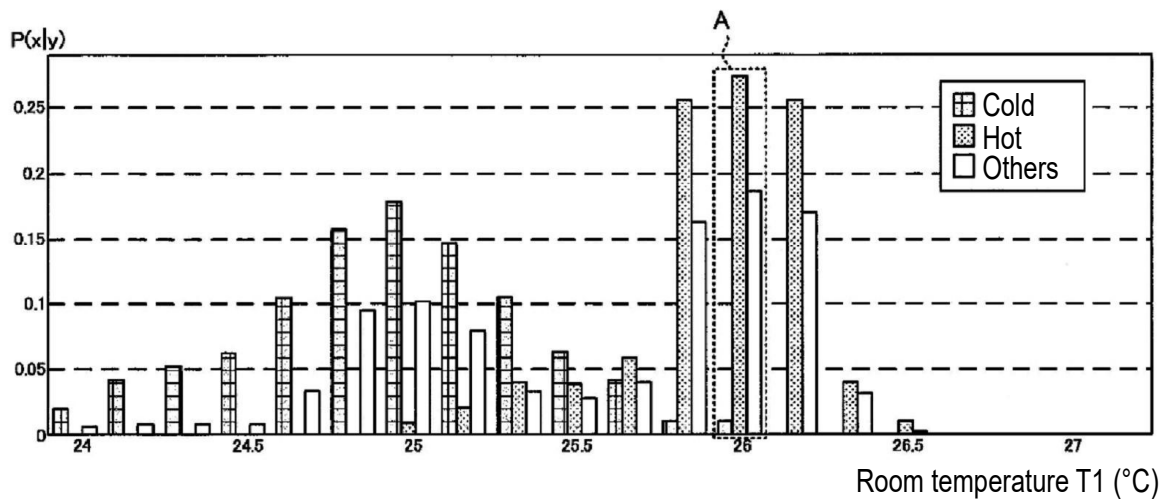
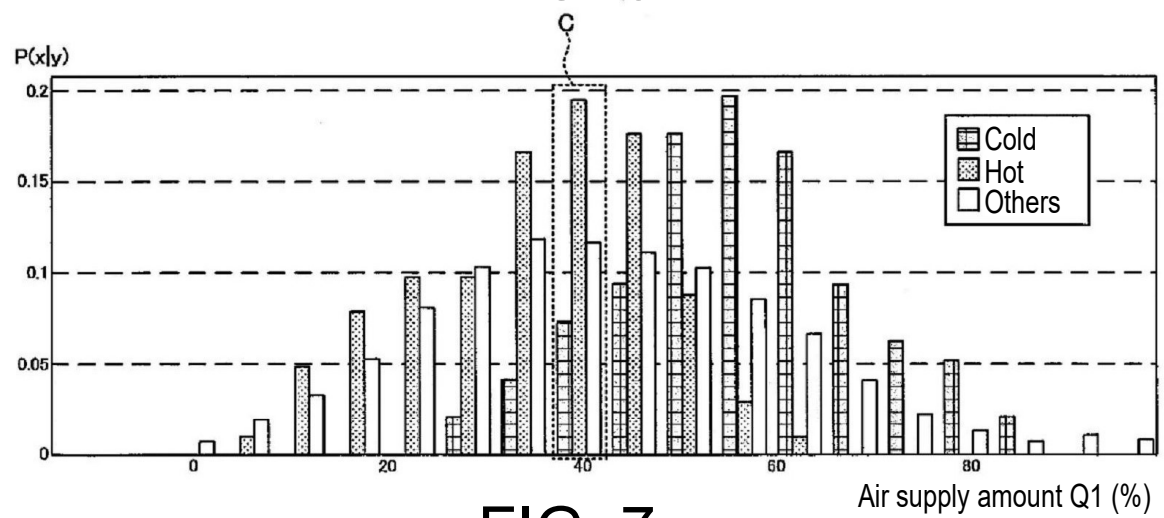
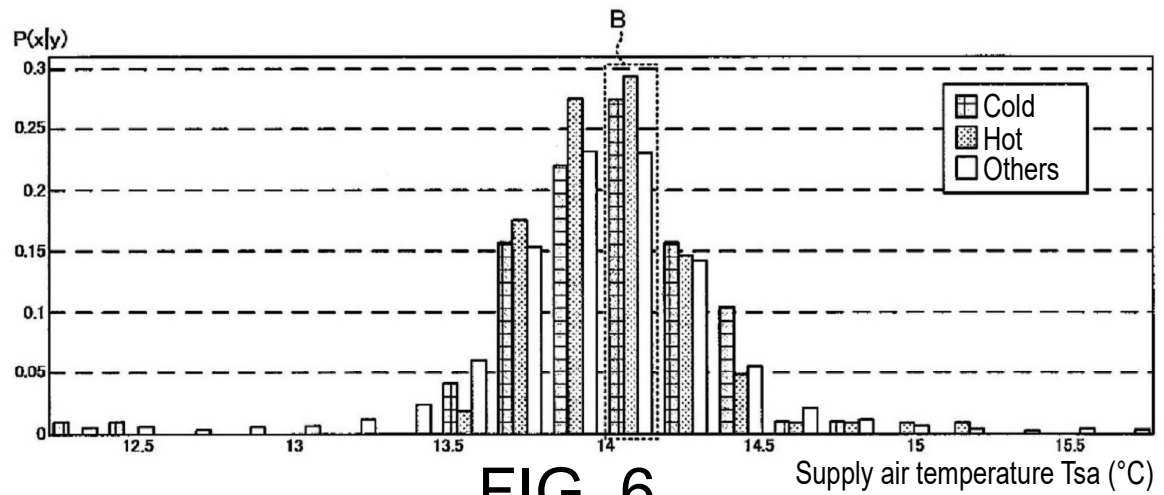


FIG. 5



y	$P(T1=26.0 y)$	$P(T_{sa}=14.0 y)$	$P(Q1=40 y)$	$P(x y)$
Cold	0.011	0.274	0.073	0.00022
Hot	0.275	0.294	0.196	0.016
Others	0.186	0.231	0.117	0.005

FIG. 8

Air conditioning zone Z1	Air conditioning zone Z2
Others	Hot
Room temperature 25°C Set temperature 25.5°C	Room temperature 27°C Set temperature 26.5°C

FIG. 9

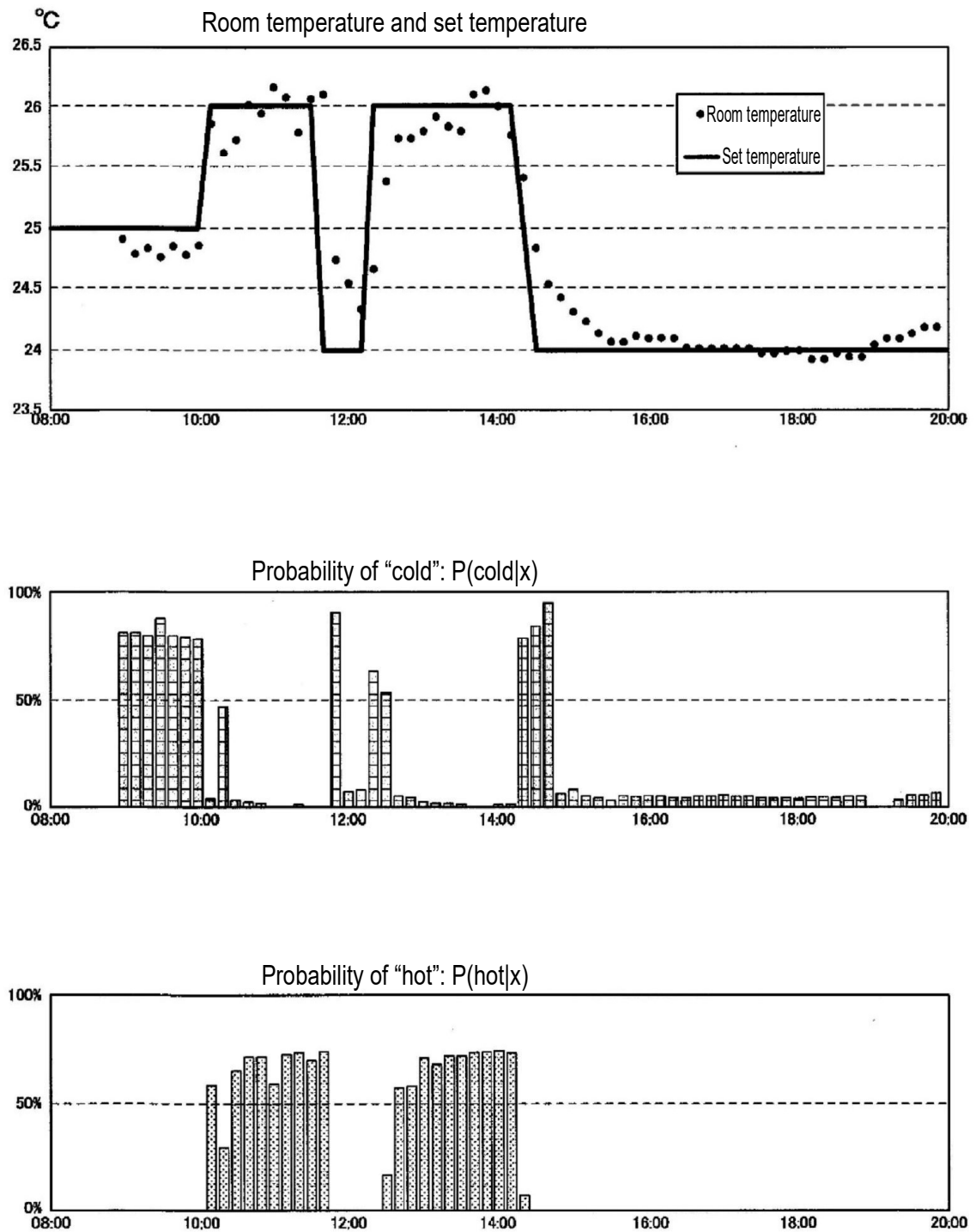


FIG. 10