FIG. 27

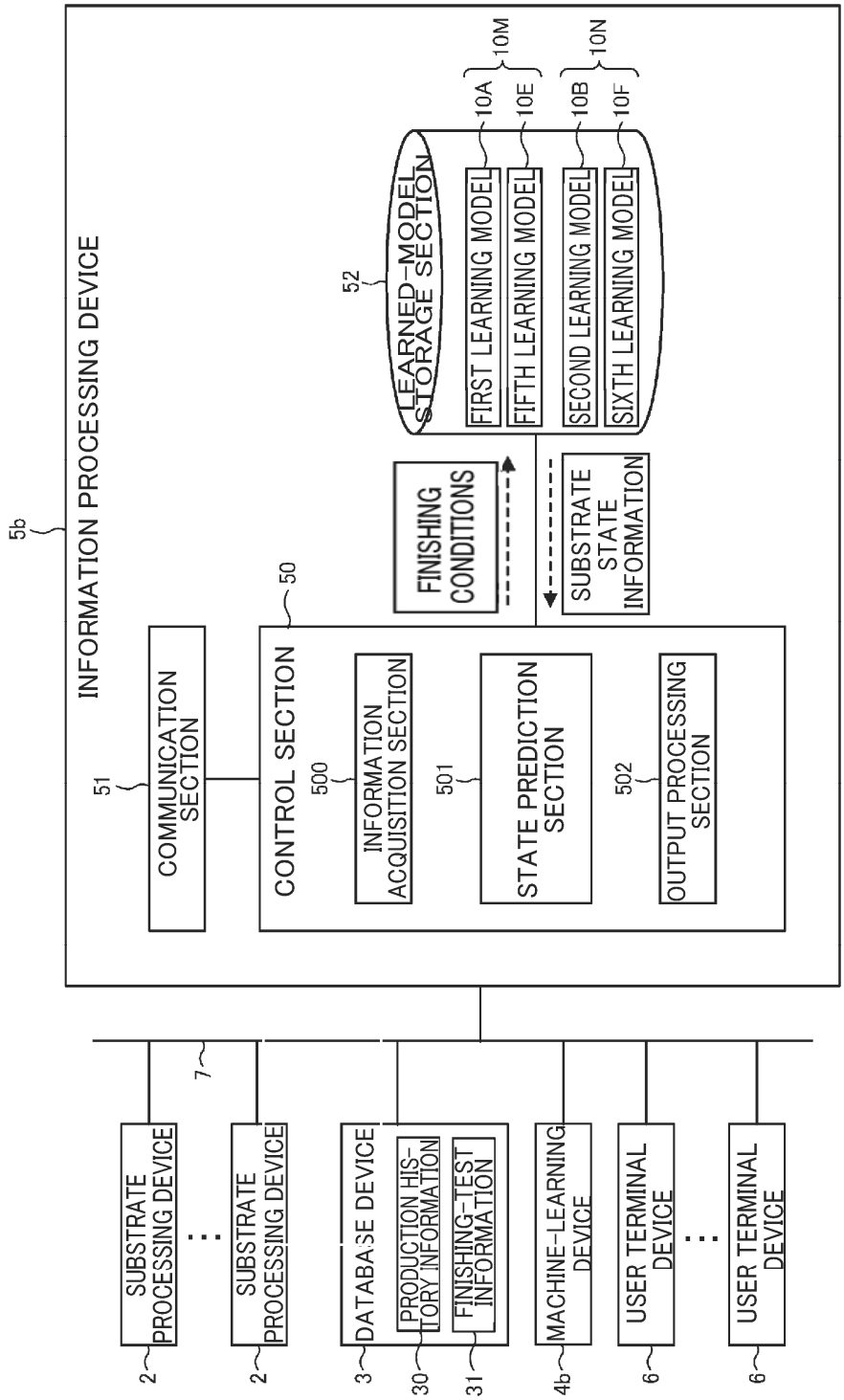
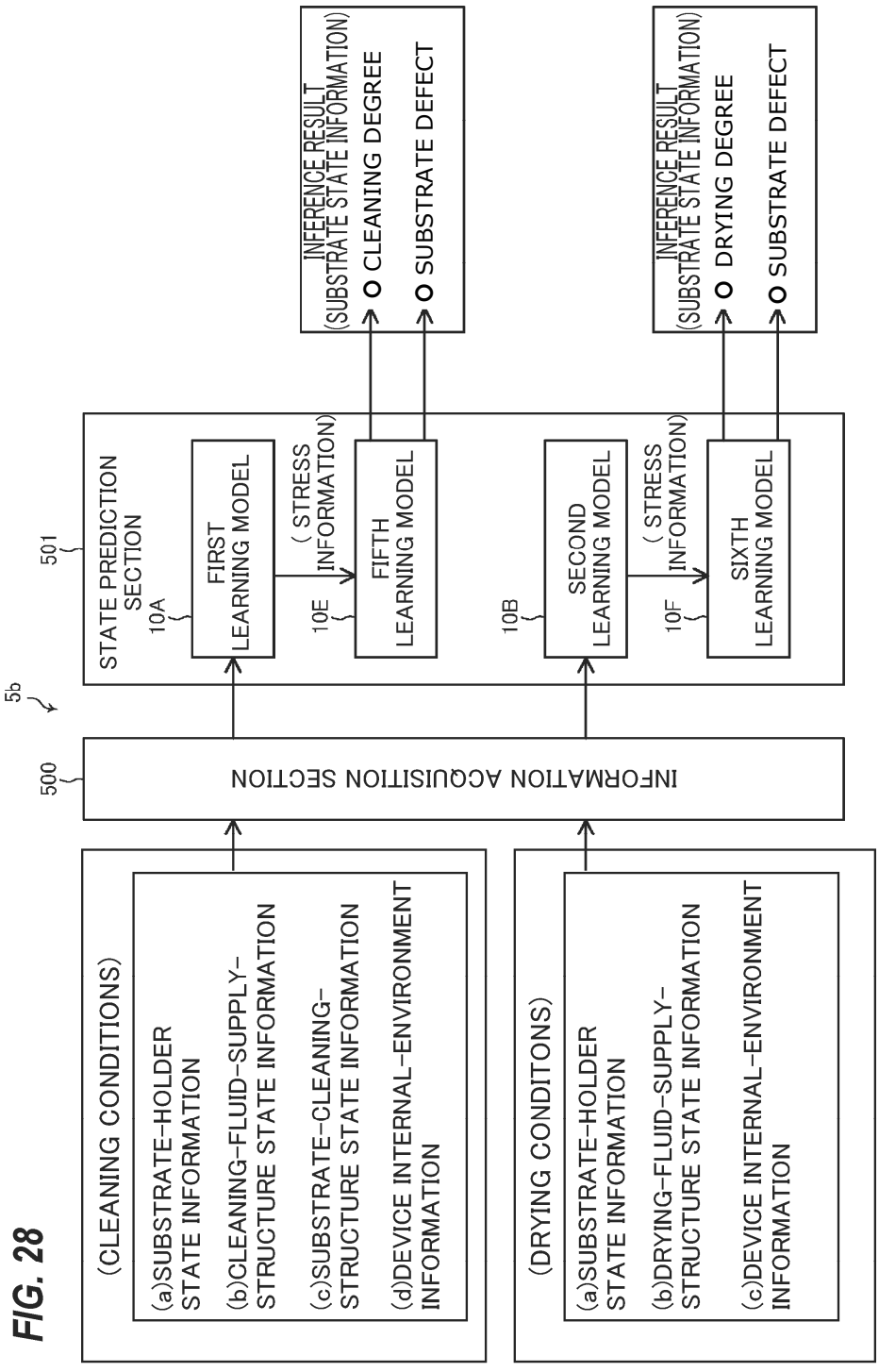

INFORMATION PROCESSING DEVICE
5b
COMMUNICATION SECTION
51
CONTROL SECTION
50
INFORMATION ACQUISITION SECTION
500
STATE PREDICTION SECTION
501
OUTPUT PROCESSING SECTION
502
FINISHING CONDITIONS
SUBSTRATE STATE INFORMATION
LEARNED-MODEL STORAGE SECTION
52
FIRST LEARNING MODEL
10A
FIFTH LEARNING MODEL
10E
10M
SECOND LEARNING MODEL
10B
SIXTH LEARNING MODEL
10F
10N
7
SUBSTRATE PROCESSING DEVICE
2
SUBSTRATE PROCESSING DEVICE
2
DATABASE DEVICE
3
PRODUCTION HISTORY INFORMATION
30
FINISHING-TEST INFORMATION
31
MACHINE-LEARNING DEVICE
4b
USER TERMINAL DEVICE
6
USER TERMINAL DEVICE
6

FIG. 28


5b
500
INFORMATION ACQUISITION SECTION
501
STATE PREDICTION SECTION
10A
FIRST LEARNING MODEL
(STRESS INFORMATION)
10E
FIFTH LEARNING MODEL
10B
SECOND LEARNING MODEL
(STRESS INFORMATION)
10F
SIXTH LEARNING MODEL
INFERENCE RESULT (SUBSTRATE STATE INFORMATION)
O CLEANING DEGREE
O SUBSTRATE DEFECT
INFERENCE RESULT (SUBSTRATE STATE INFORMATION)
O DRYING DEGREE
O SUBSTRATE DEFECT
(CLEANING CONDITIONS)
(a)SUBSTRATE-HOLDER STATE INFORMATION
(b)CLEANING-FLUID-SUPPLY-STRUCTURE STATE INFORMATION
(c)SUBSTRATE-CLEANING-STRUCTURE STATE INFORMATION
(d)DEVICE INTERNAL-ENVIRONMENT INFORMATION
(DRYING CONDITONS)
(a)SUBSTRATE-HOLDER STATE INFORMATION
(b)DRYING-FLUID-SUPPLY-STRUCTURE STATE INFORMATION
(c)DEVICE INTERNAL-ENVIRONMENT INFORMATION