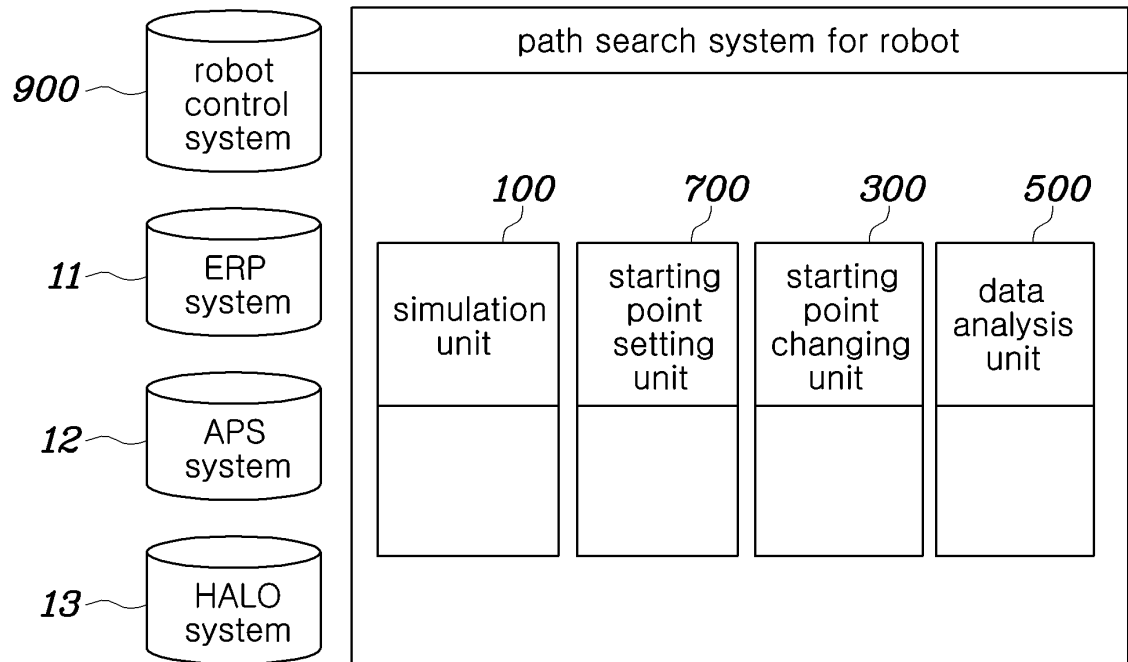
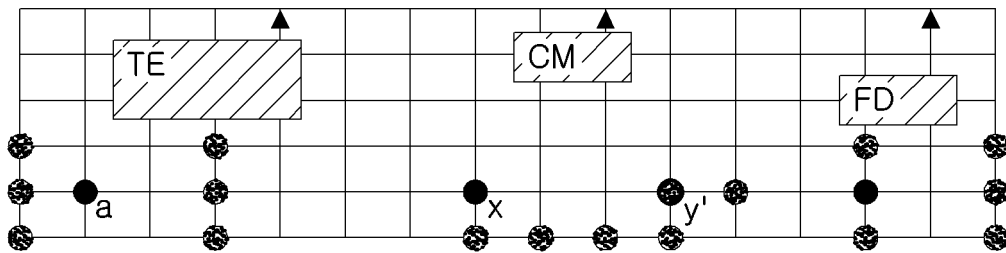


[FIG. 1]



[FIG.2]

- initial robot starting point ▲ destination point
- ⊗ possible starting point for robot □ available node for robot
- ⊙ confirmed starting point for robot ▨ unavailable node for robot

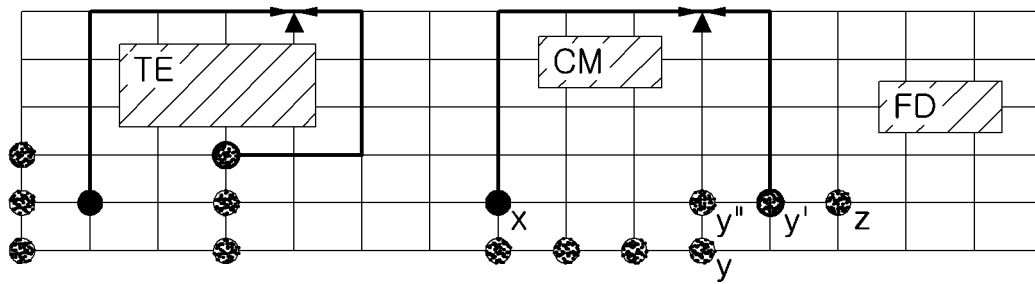


[FIG. 3]

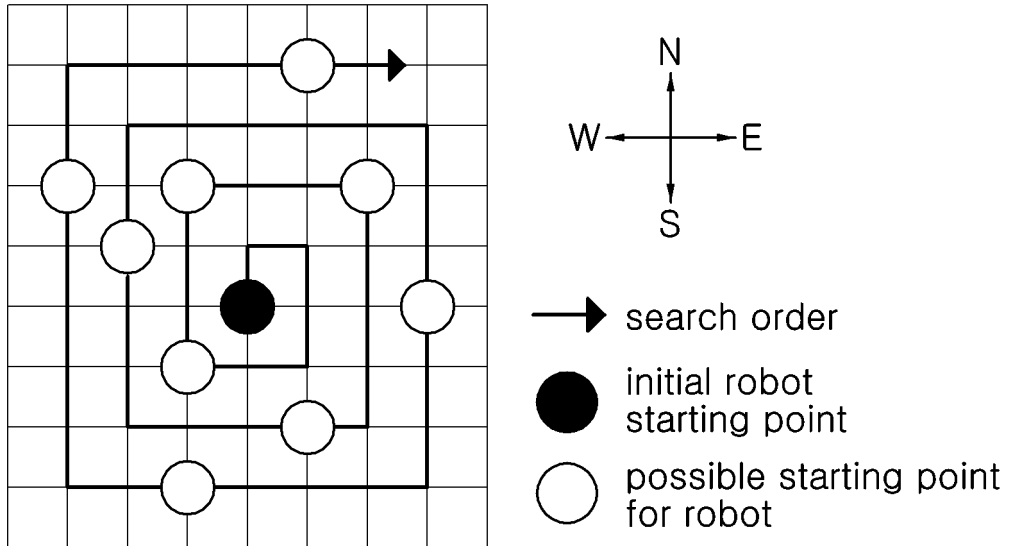
Job No	production product	task	start time		number of units in operation	robot allocation	starting node by job	...
1	A	TEtask	09:00	----->	5 AMR units	AMR No. 1	(10,100)	...
2	A	CMtask	09:30	----->	5 AMR units	AMR No. 2	(20,100)	...
3	A	FEtask	10:00	----->	5 AMR units	AMR No. 3	(30,100)	...
4	B	TEtask	09:30	----->	5 AMR units	AMR No. 4	(10,100)	...
5	B	CMtask	10:00	----->	5 AMR units	AMR No. 5	(20,100)	...
6	B	FEtask	10:30	----->	5 AMR units	AMR No. 1	(30,100)	...
⋮	⋮	⋮	⋮		⋮	⋮	⋮	⋮

[FIG. 4]

- initial robot starting point
- ▲ destination point
- ⊗ possible starting point for robot
- available node for robot
- ⊗ confirmed starting point for robot
- ▨ unavailable node for robot



[FIG. 5]



[FIG. 6]

