

FIG. 1

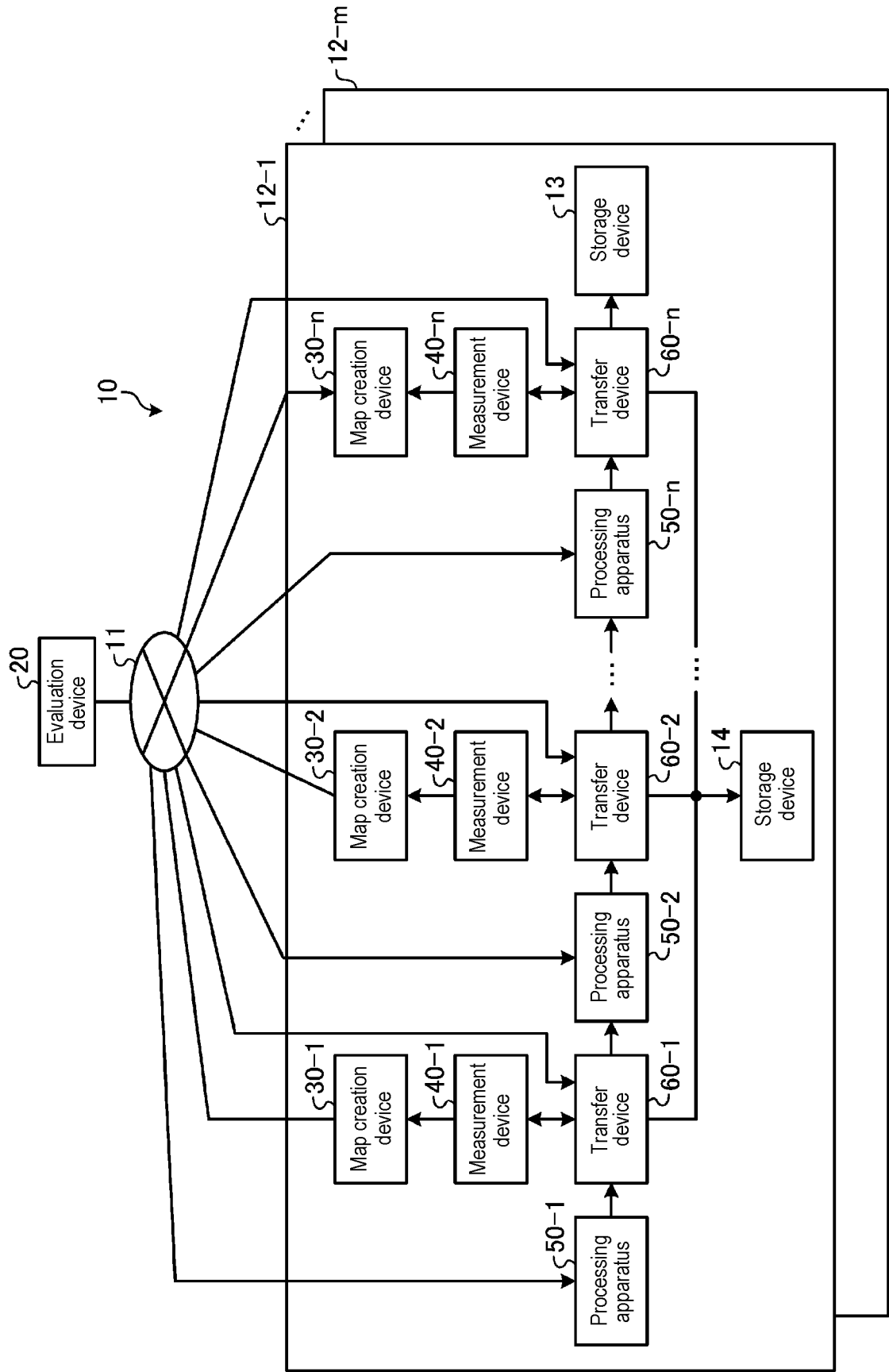


FIG. 2

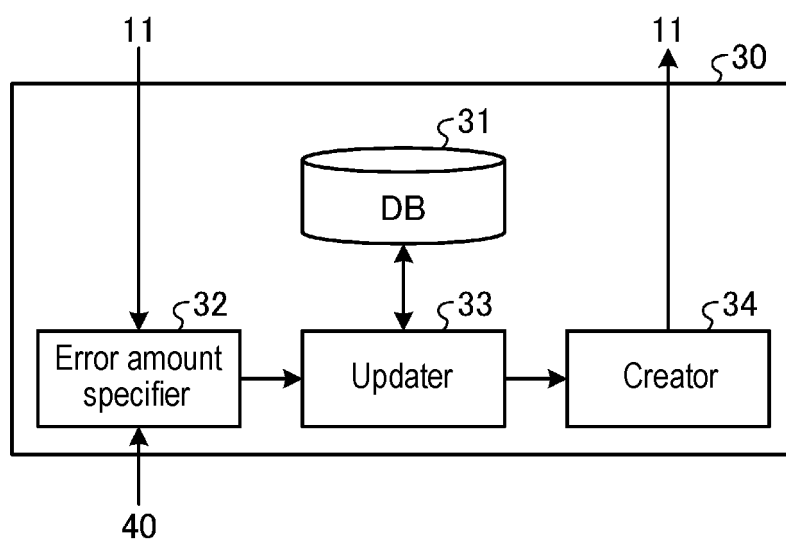


FIG. 3

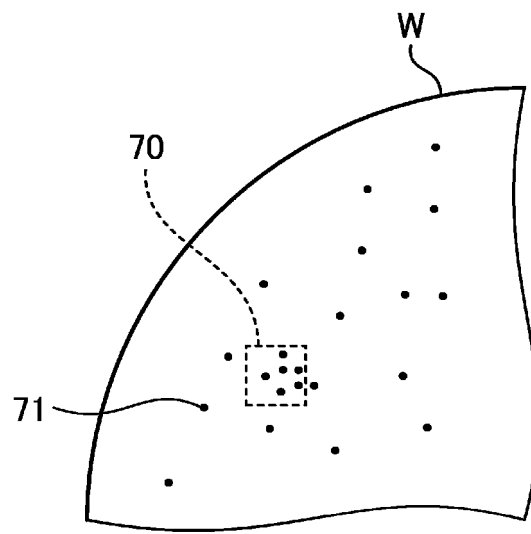


FIG. 4

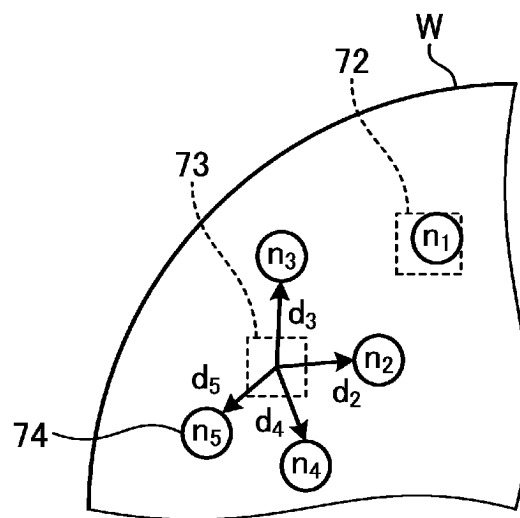


FIG. 5

310


Error amount range	Substrate number
0 ~ E001	39102
E001 ~ E002	5602
E002 ~ E003	741
⋮	⋮

FIG. 6

76 75

5	3	8
10	1	0
2	13	2

FIG. 7

76 75

5	3	8
10	44	0
2	13	2

FIG. 8

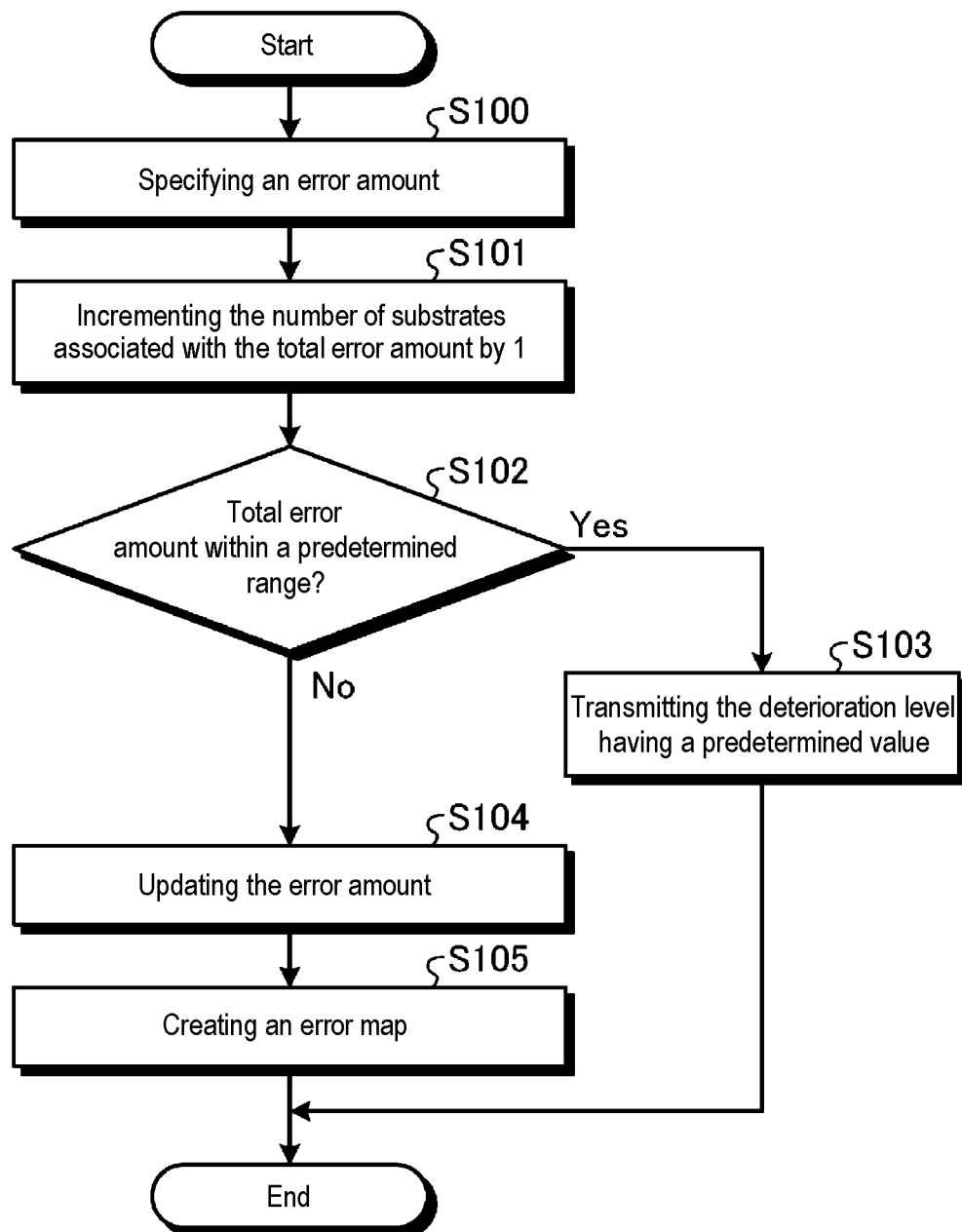


FIG. 9

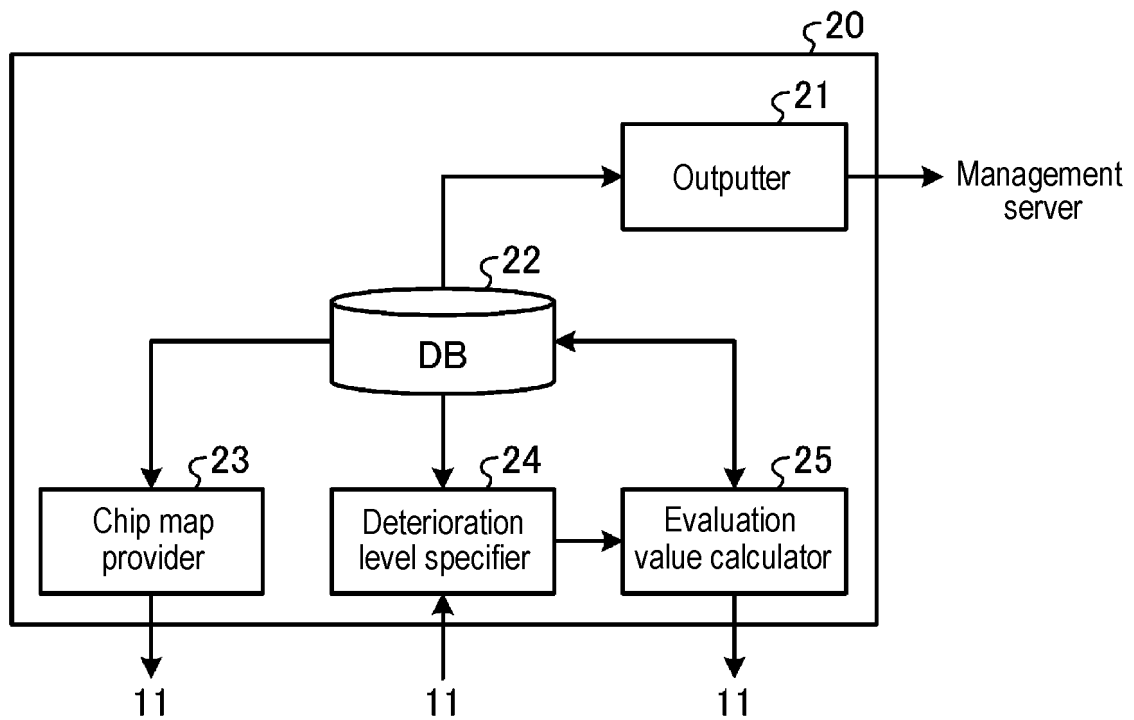


FIG. 10

221

001 002 003 ...

220

222

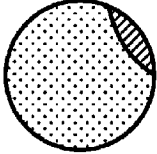
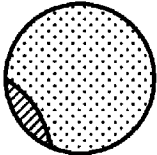
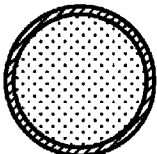
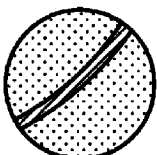
Reference map	Deterioration level	Causative apparatus	Cause
	2	E001	Focus mechanism
	3	E002	Chuck defect
	3	E003	Edge particle
	10	E004	Scratch
⋮	⋮	⋮	⋮

FIG. 11

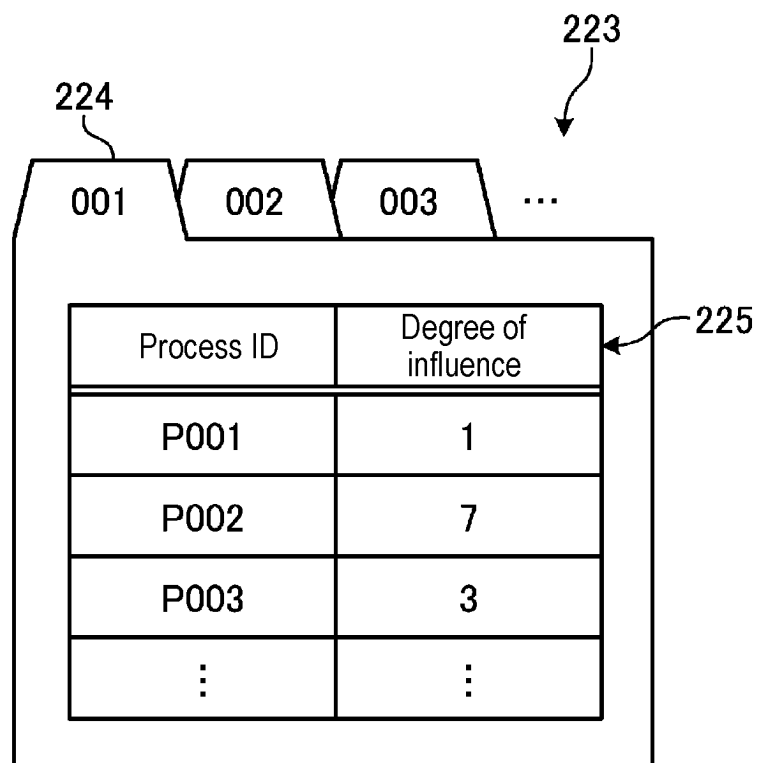


FIG. 12

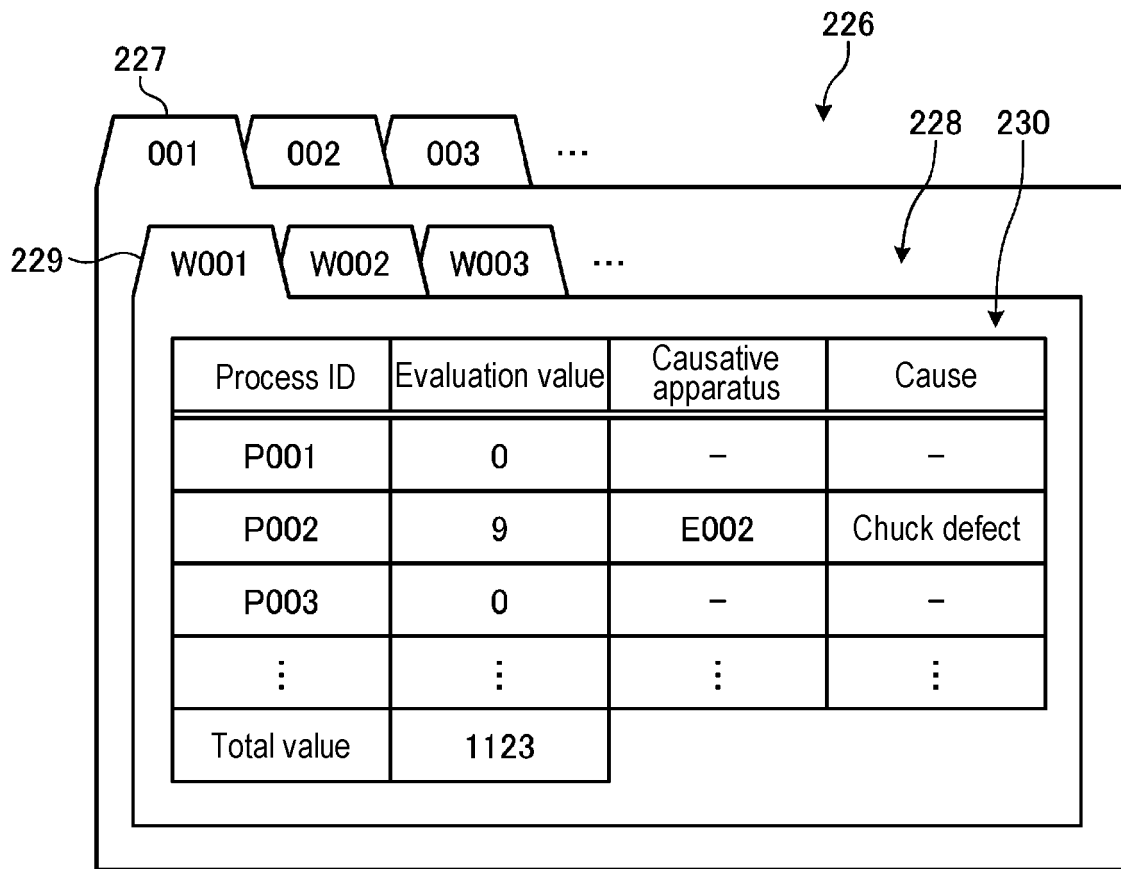


FIG. 13

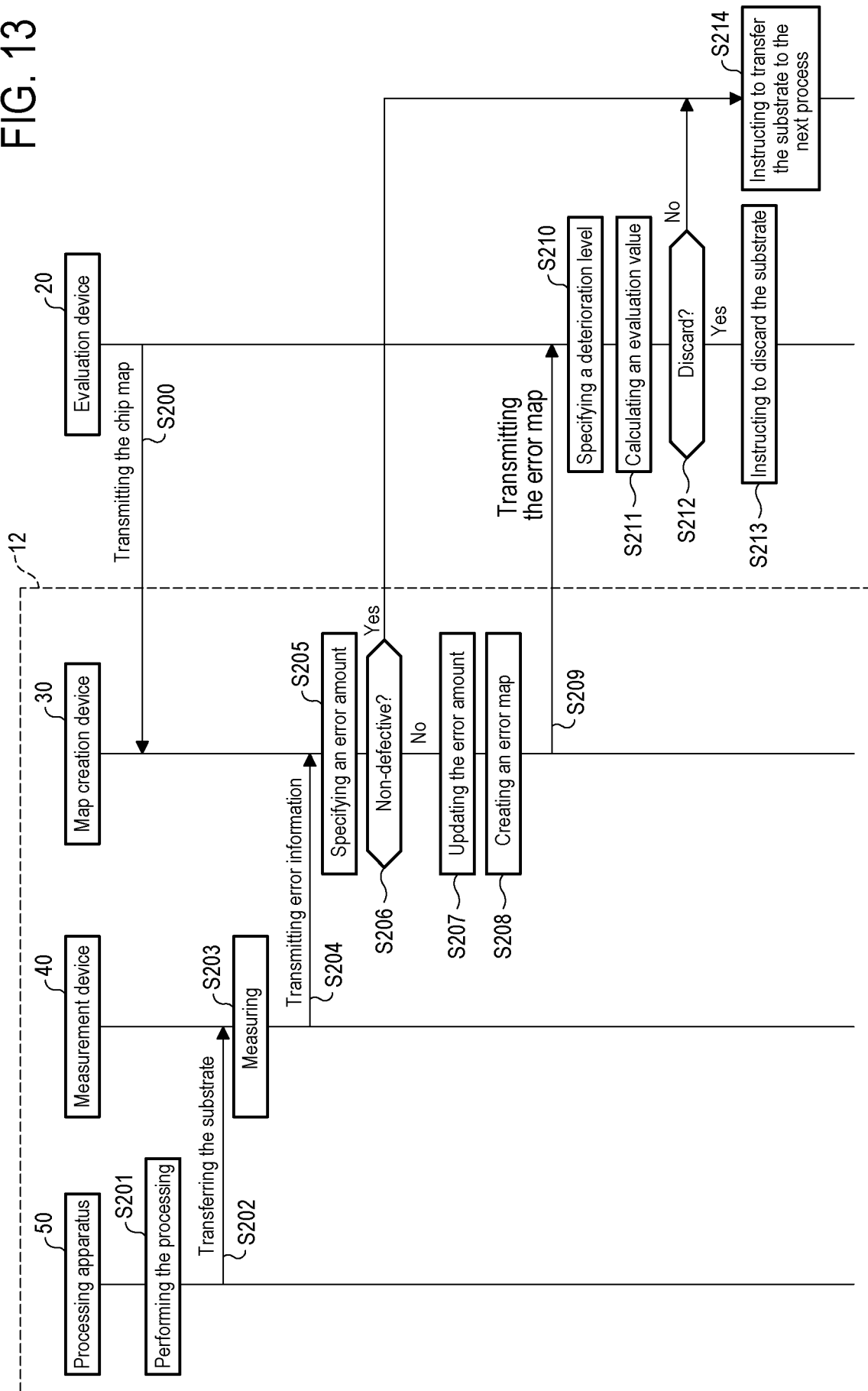


FIG. 14

