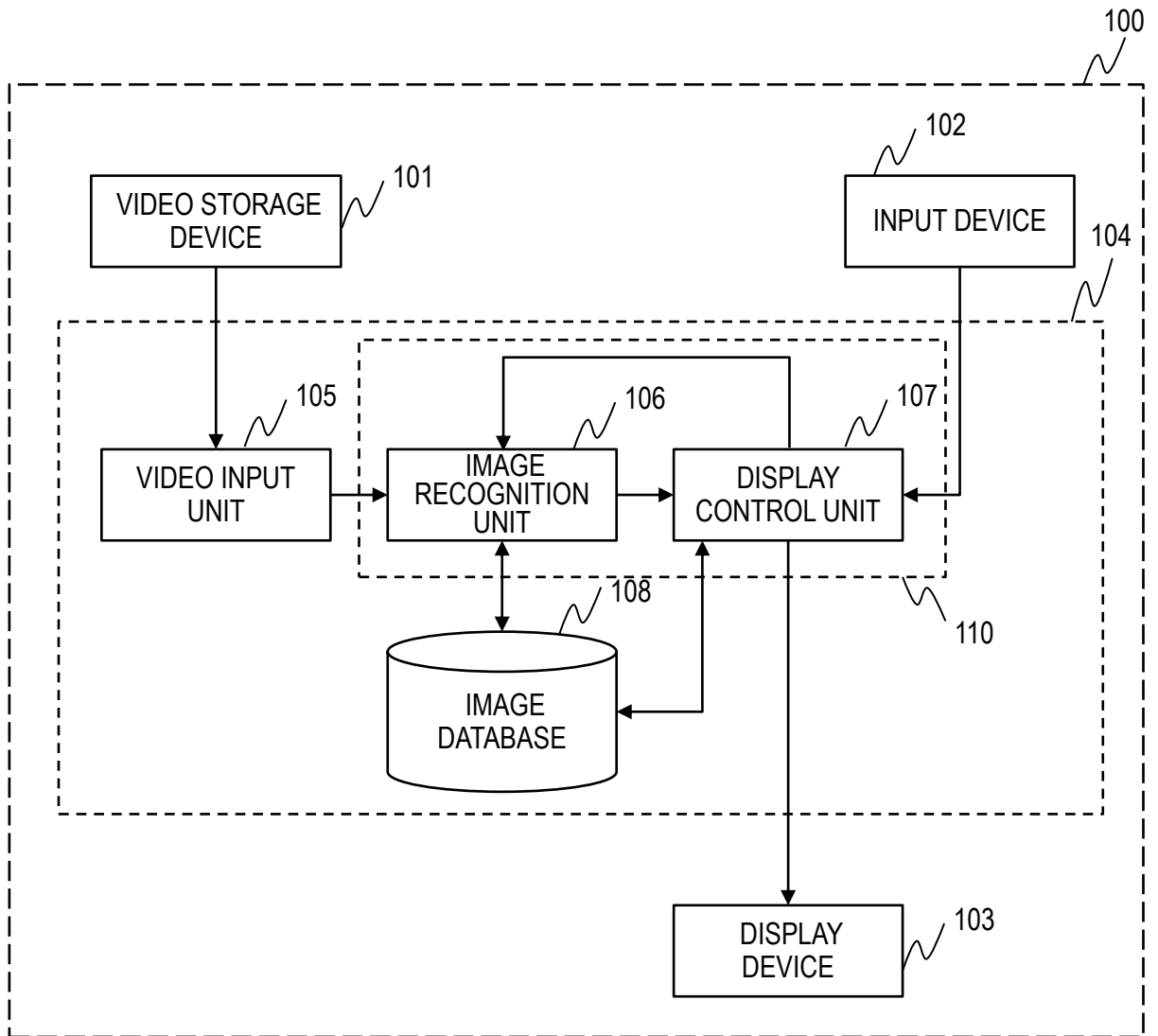


OVERALL SYSTEM CONFIGURATION DRAWING

**FIG. 1**

SYSTEM HARDWARE CONFIGURATION DRAWING

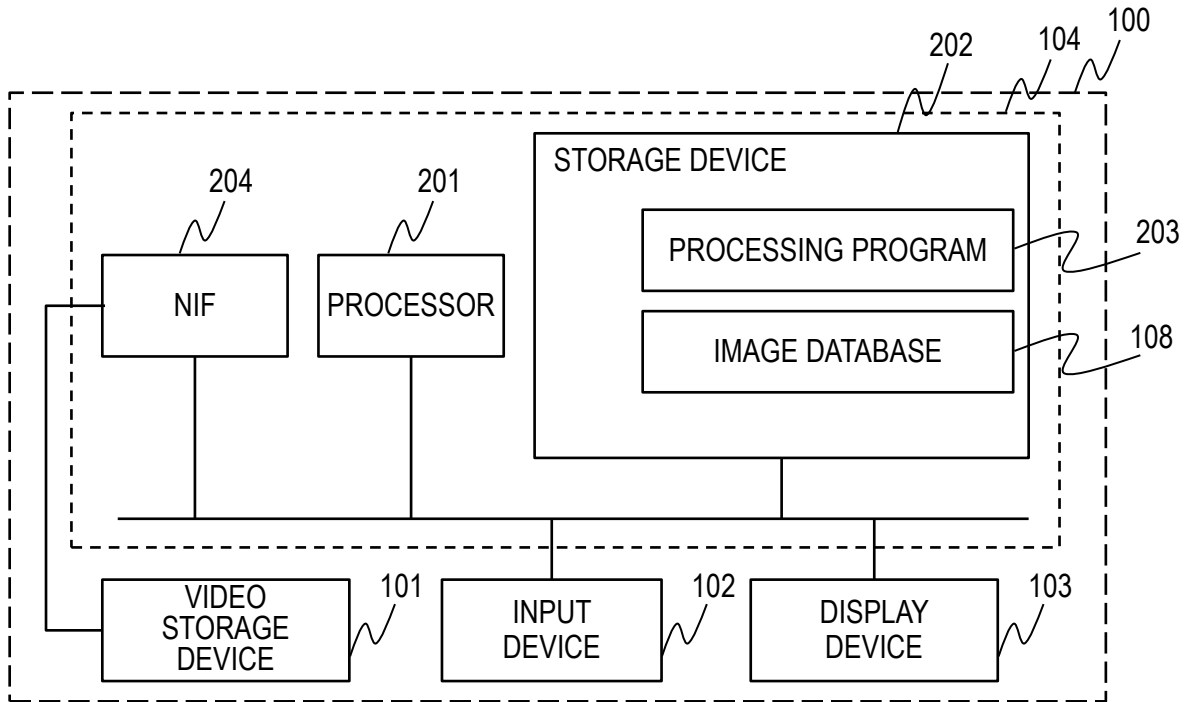
**FIG. 2**

IMAGE DATABASE STRUCTURE

301 IMAGE ID	302 IMAGE DATA	300 303 CASE ID LIST	108	
1	<BINARY DATA>	[1, 2]		
2	<BINARY DATA>	[3]		
3	<BINARY DATA>	[4]		
...	...	...		

311 CASE ID	312 IMAGE ID	313 COORDINATES	314 310 IMAGE CHARACTERISTIC AMOUNT	315 INDIVIDUAL ID
1	1	[50,310,130,390]	[125, 152, 52, 118, 49, 250, 109, ...]	1
2	1	[190,300,270,380]	[125, 152, 52, 118, 49, 250, 109, ...]	2
3	2	[250,290,330,370]	[121, 149, 50, 119, 48, 257, 117, ...]	2
4	3	[480,310,520,350]	[243, 39, 146, 115, 155, 156, 166,...]	3
...	...	...	...	...

321 INDIVIDUAL ID	322 ATTRIBUTE INFORMATION (PERSONAL NAME)	323 ATTRIBUTE INFORMATION (DEGREE OF IMPORTANCE)	324 ATTRIBUTE INFORMATION (GENDER)	320 ATTRIBUTE INFORMATION (...)
1	Alice	0 (Low)	1 (Female)	...
2	Bob	1 (Medium)	0 (Male)	...
3	Carol	2 (High)	1 (Female)	...
...	...	...	...	...

FIG. 3

IMAGE RECOGNITION BY SIMILAR IMAGE SEARCH

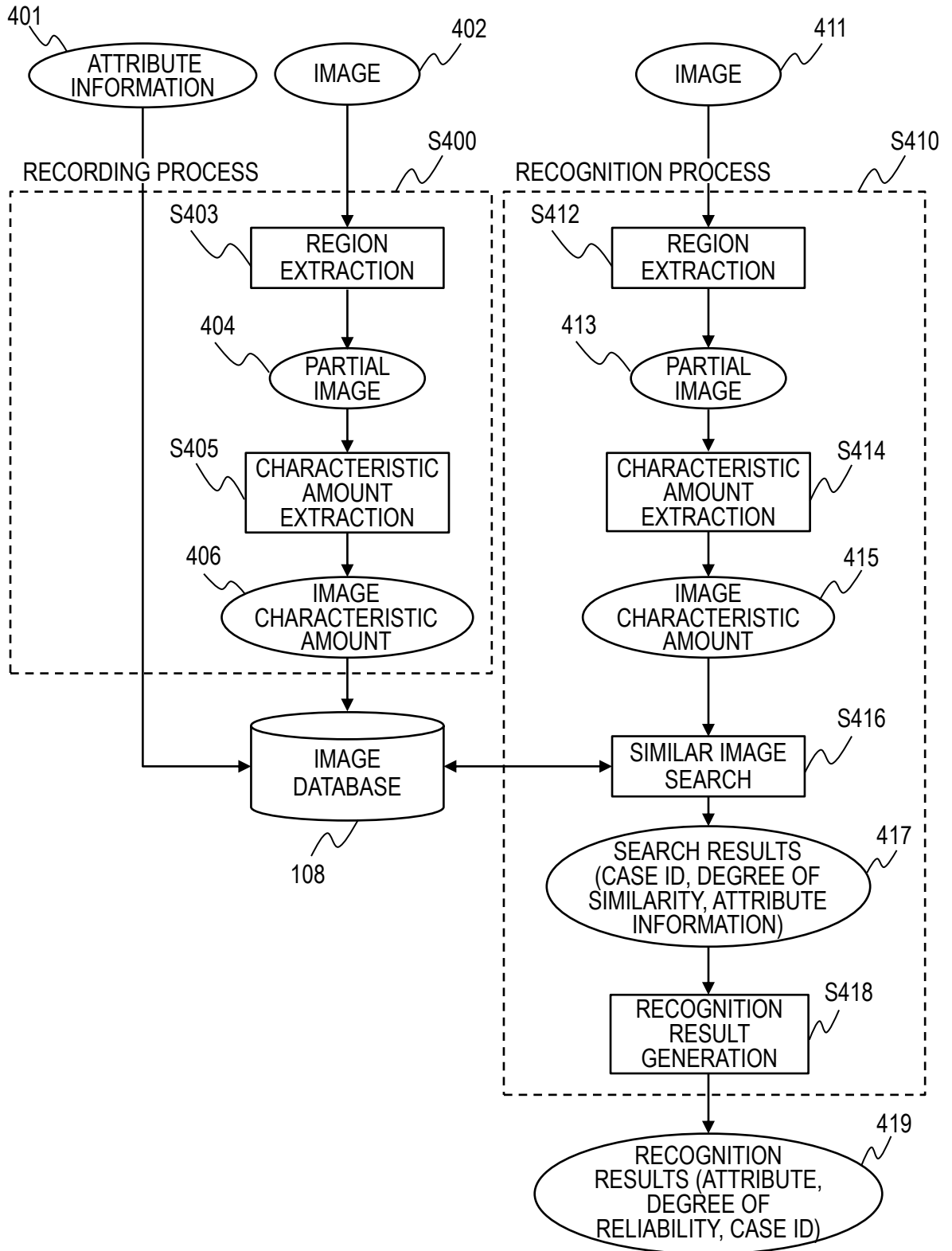


FIG. 4

VISUAL CONFIRMATION WORK BY MONITORING WORKER

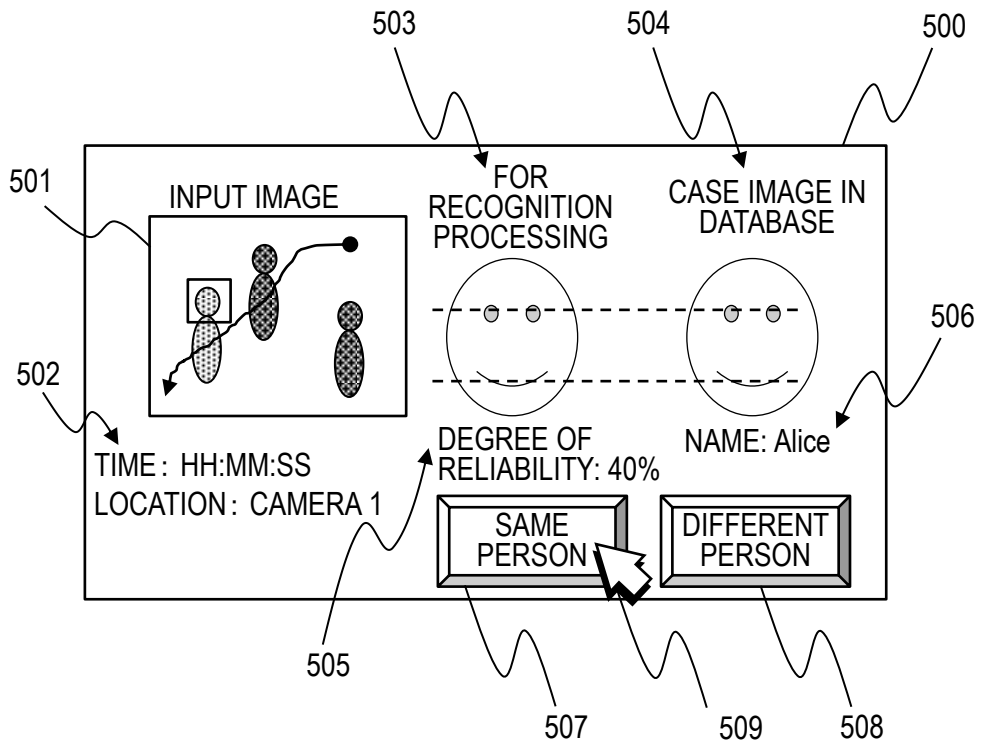


FIG. 5

CONSOLIDATION OF RECOGNITION RESULTS BY OBJECT TRACKING

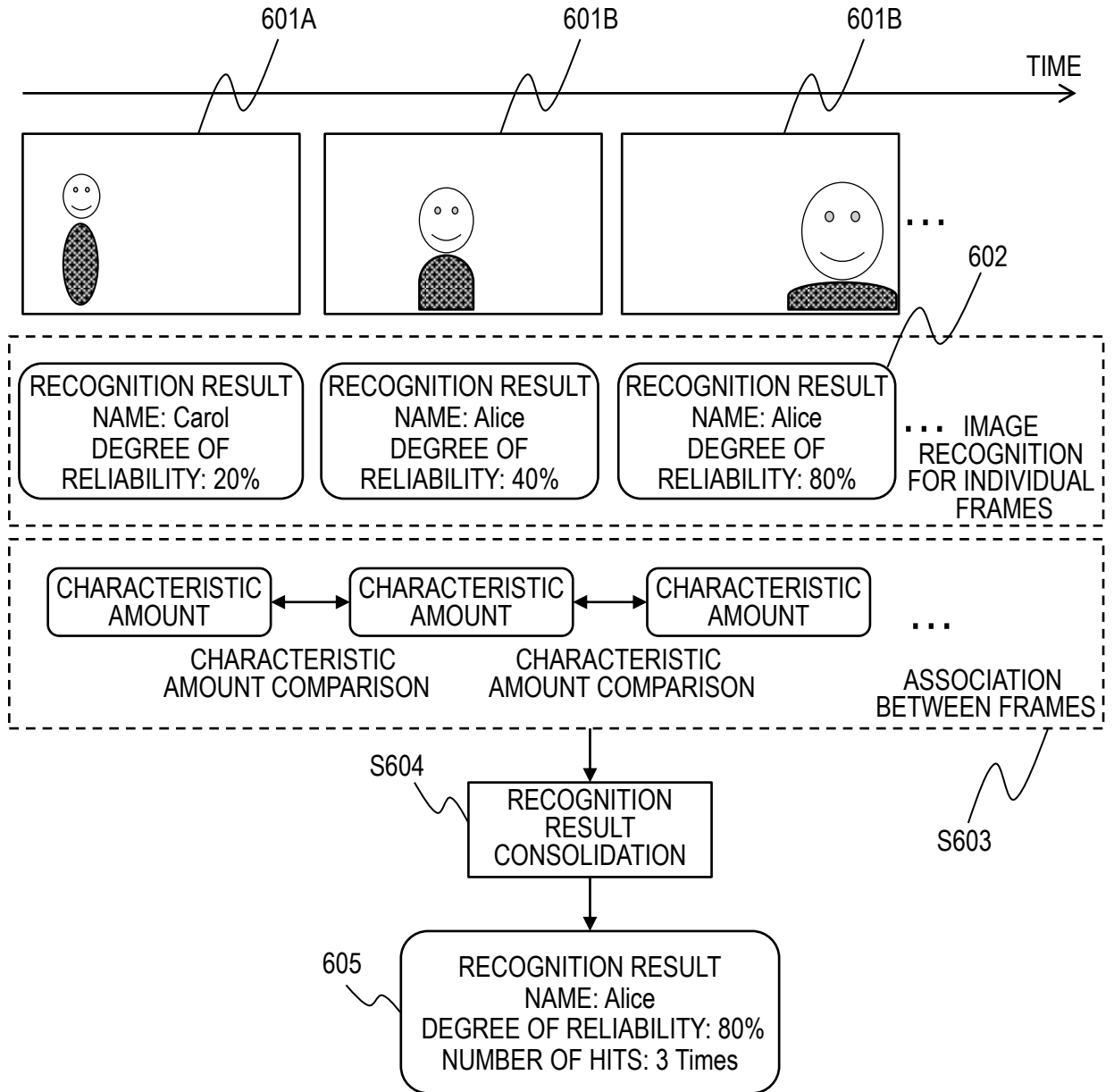
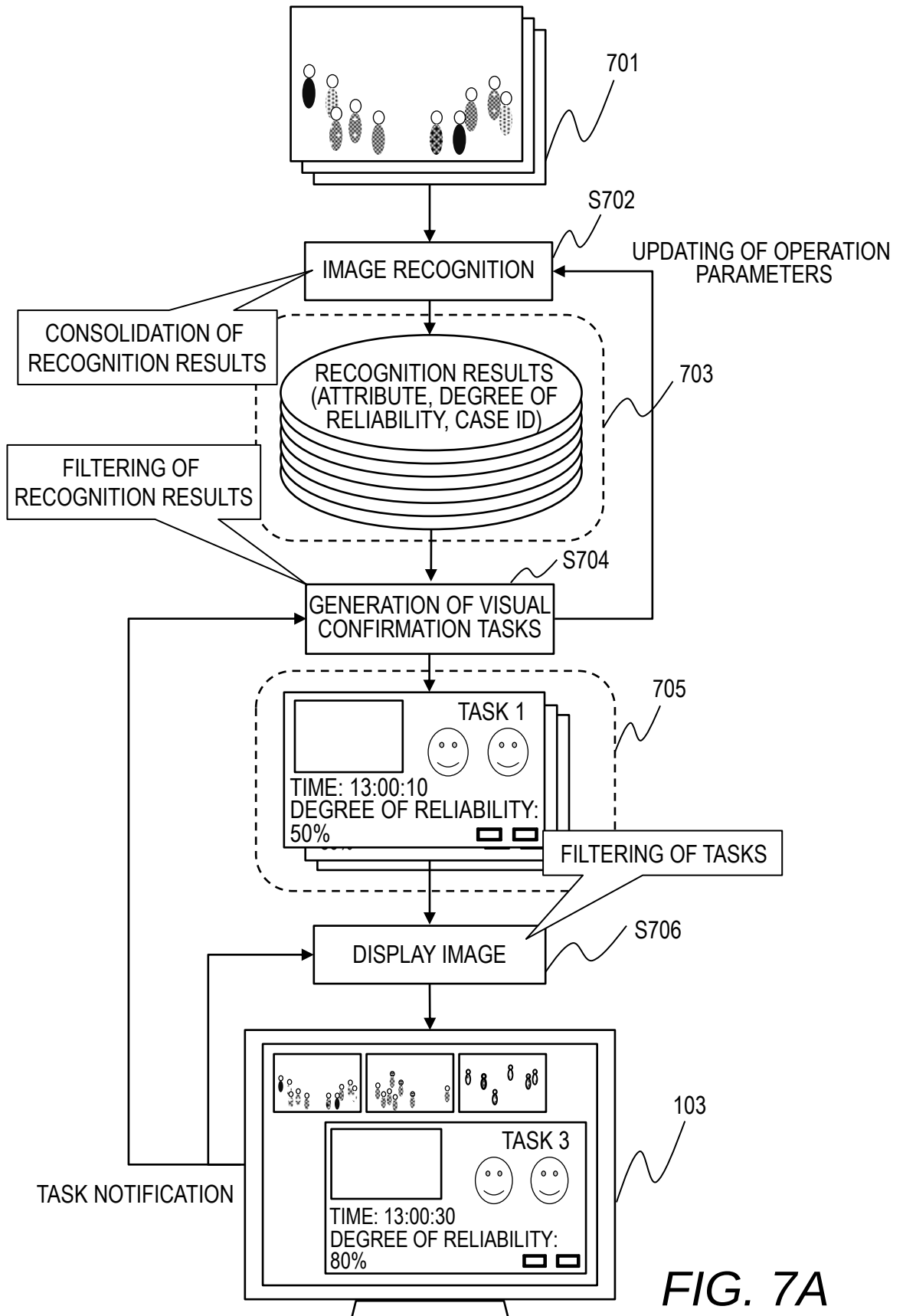


FIG. 6

DISPLAY AMOUNT CONTROL BY FEEDBACK TO IMAGE RECOGNITION UNIT



DISPLAY AMOUNT CONTROL BY FEEDBACK TO IMAGE RECOGNITION UNIT

NUMBER OF VISUAL CONFIRMATION TASKS (=NUMBER OF RECOGNITION RESULTS)
SMALL ←————→ LARGE

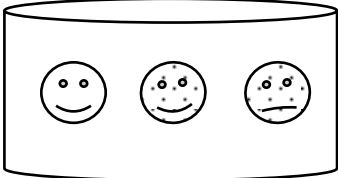
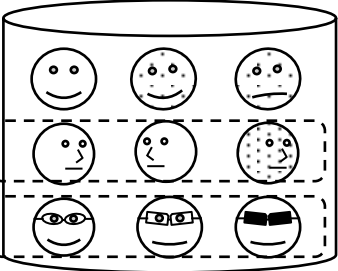
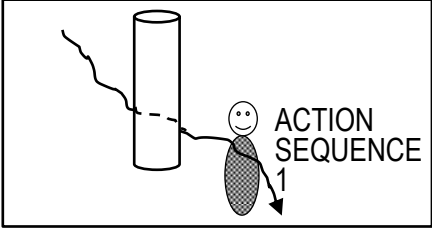
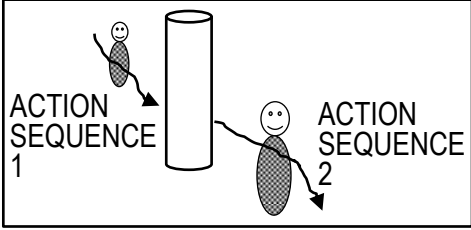
711	THRESHOLD FOR DEGREE OF SIMILARITY OF CASE USED IN RECOGNITION RESULTS	SIMILARITY THRESHOLD=80% 	SIMILARITY THRESHOLD=40% 
712	NARROWING CONDITIONS FOR SEARCH RANGE BY ATTRIBUTES	SEARCH ONLY FRONTAL IMAGE OF FACE WITH NO EMBELLISHMENTS 	SEARCH ALL DATA NON-FRONTAL EMBEL-LISHMENTS 
713	ALLOWANCE VALUE FOR ABSENCE FROM FRAME DURING OBJECT TRACKING	IF NUMBER OF FRAMES WHERE OBJECT IS ABSENT IS AT OR BELOW PREDETERMINED NUMBER, DESIGNATE AS SAME ACTION SEQUENCE 	IF THERE IS FRAME WHERE OBJECT IS OBSCURED, THEN SEPARATE ACTION SEQUENCES 
	...	...	...

FIG. 7B

DISPLAY AMOUNT CONTROL

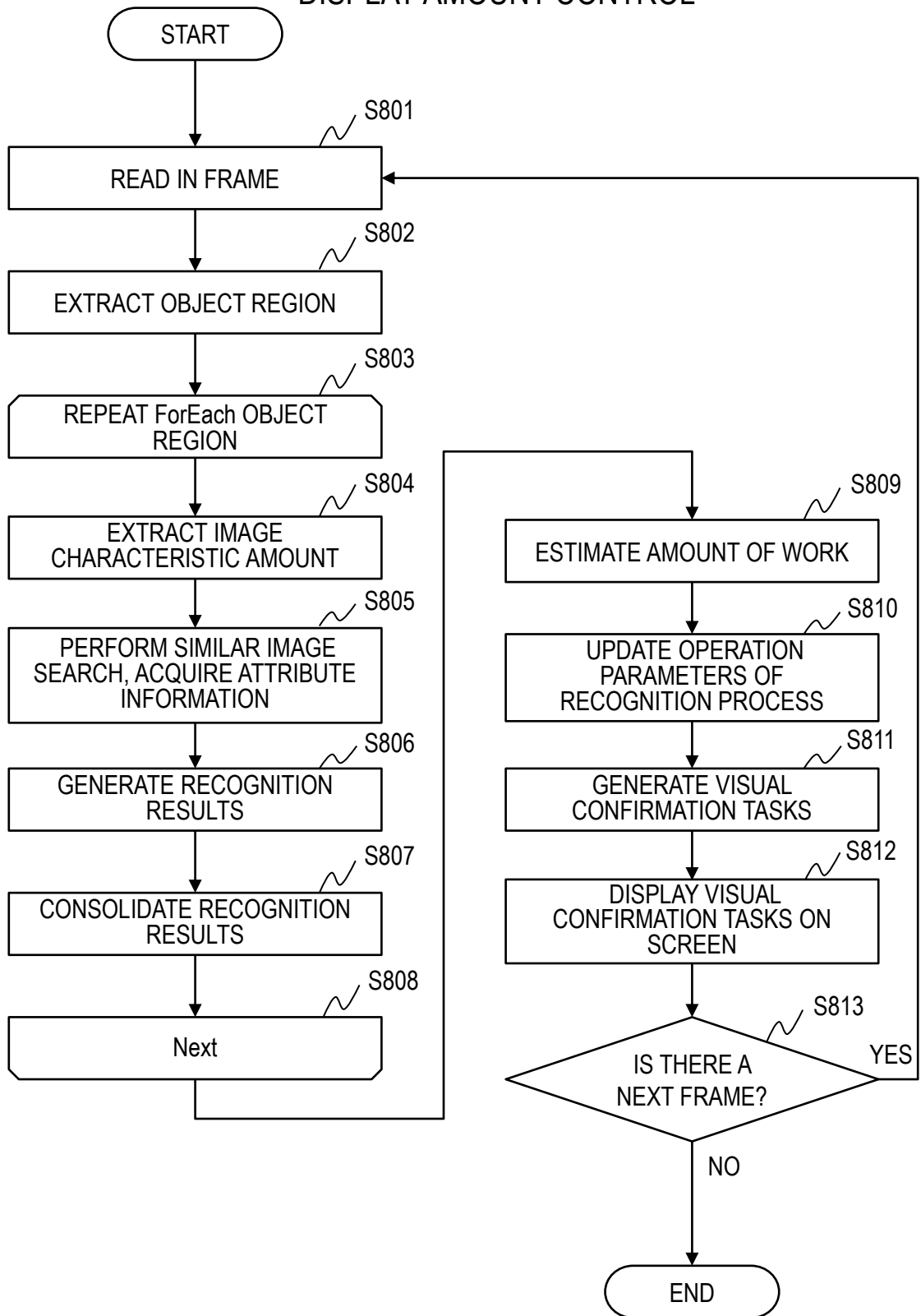


FIG. 8

PROCESSING SEQUENCE OF ENTIRE SYSTEM

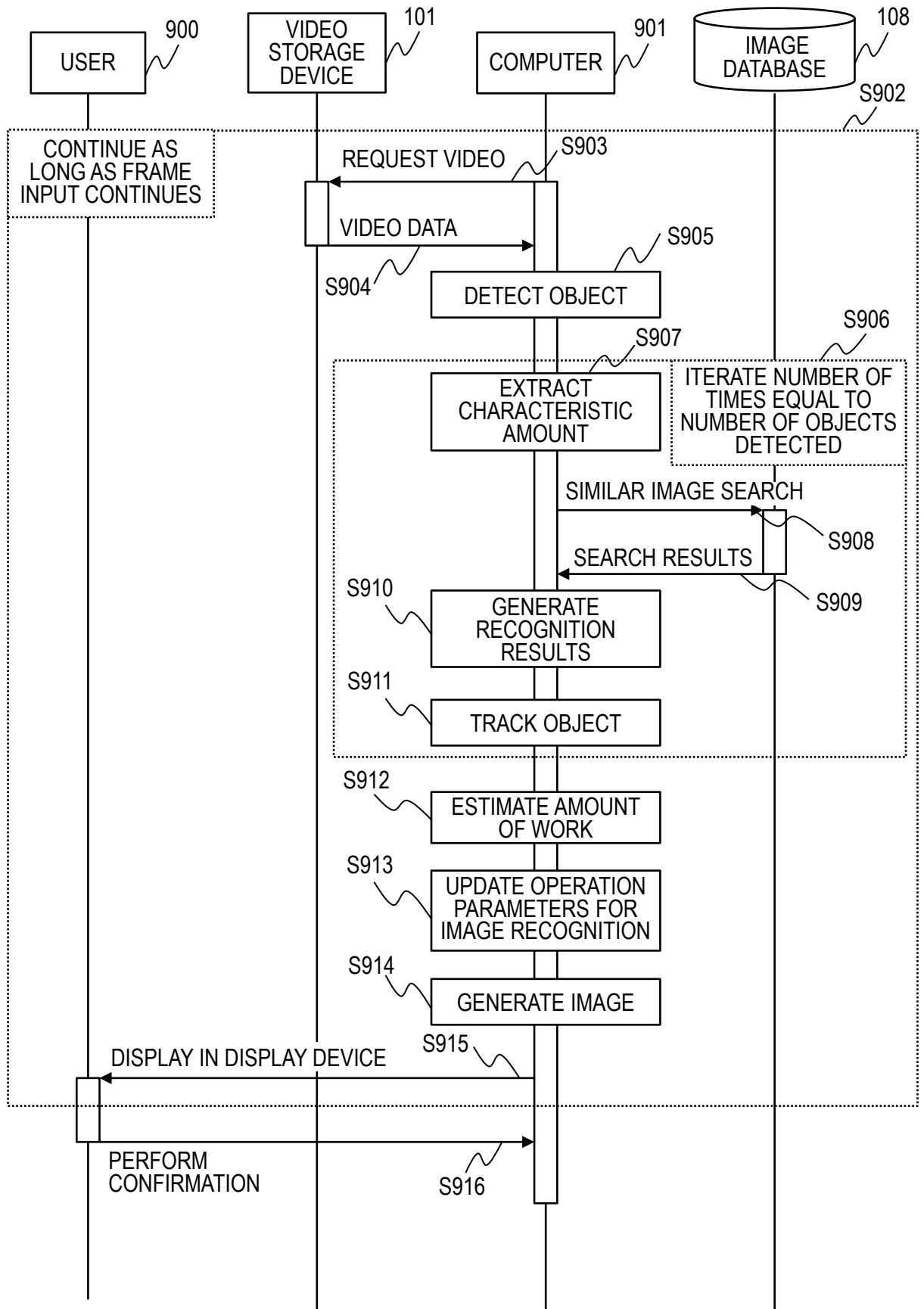


FIG. 9

DISPLAY SCREEN CONFIGURATION EXAMPLE

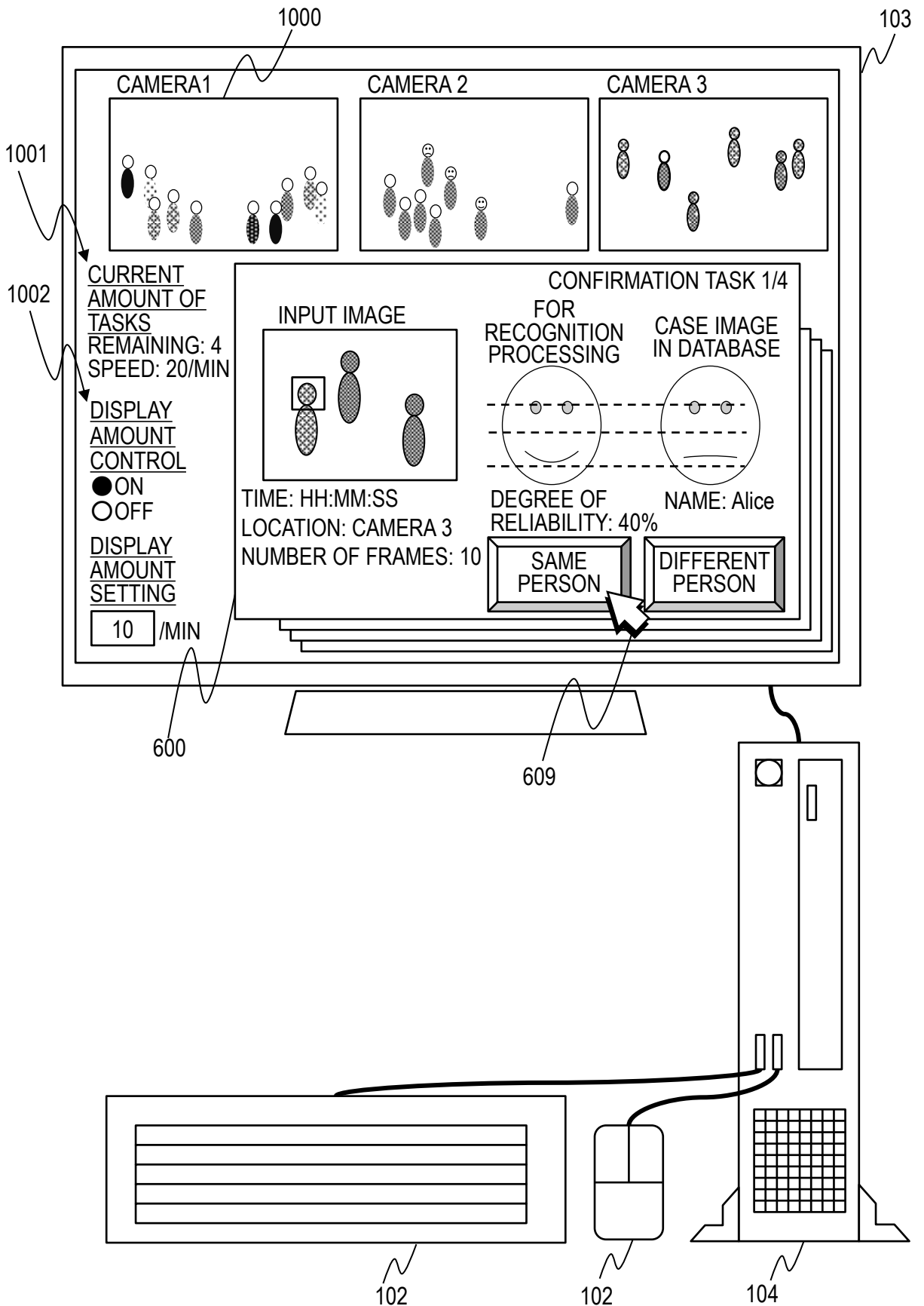


FIG. 10

METHOD FOR NON-SEQUENTIAL DISPLAY OF VISUAL CONFIRMATION TASKS

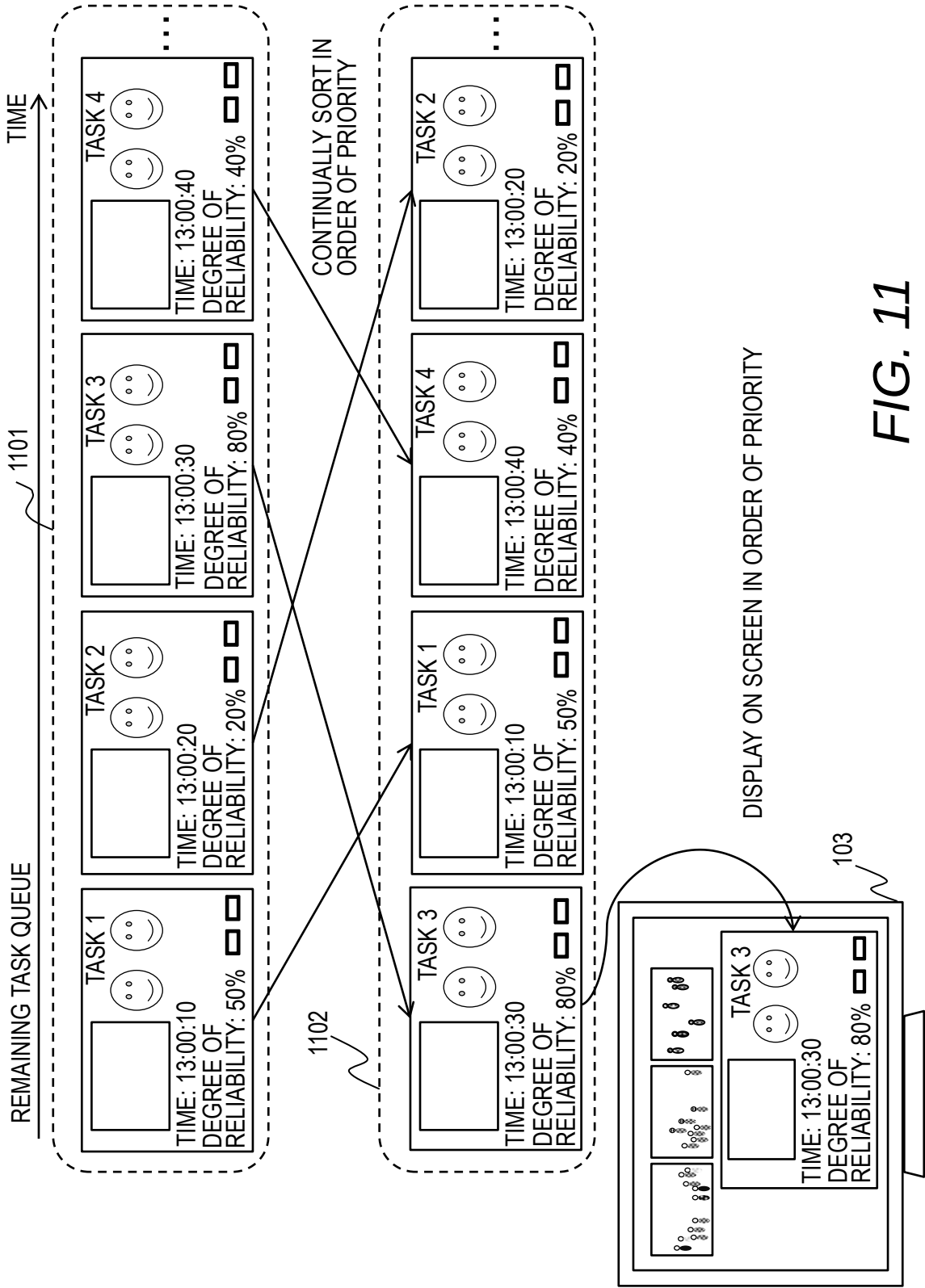
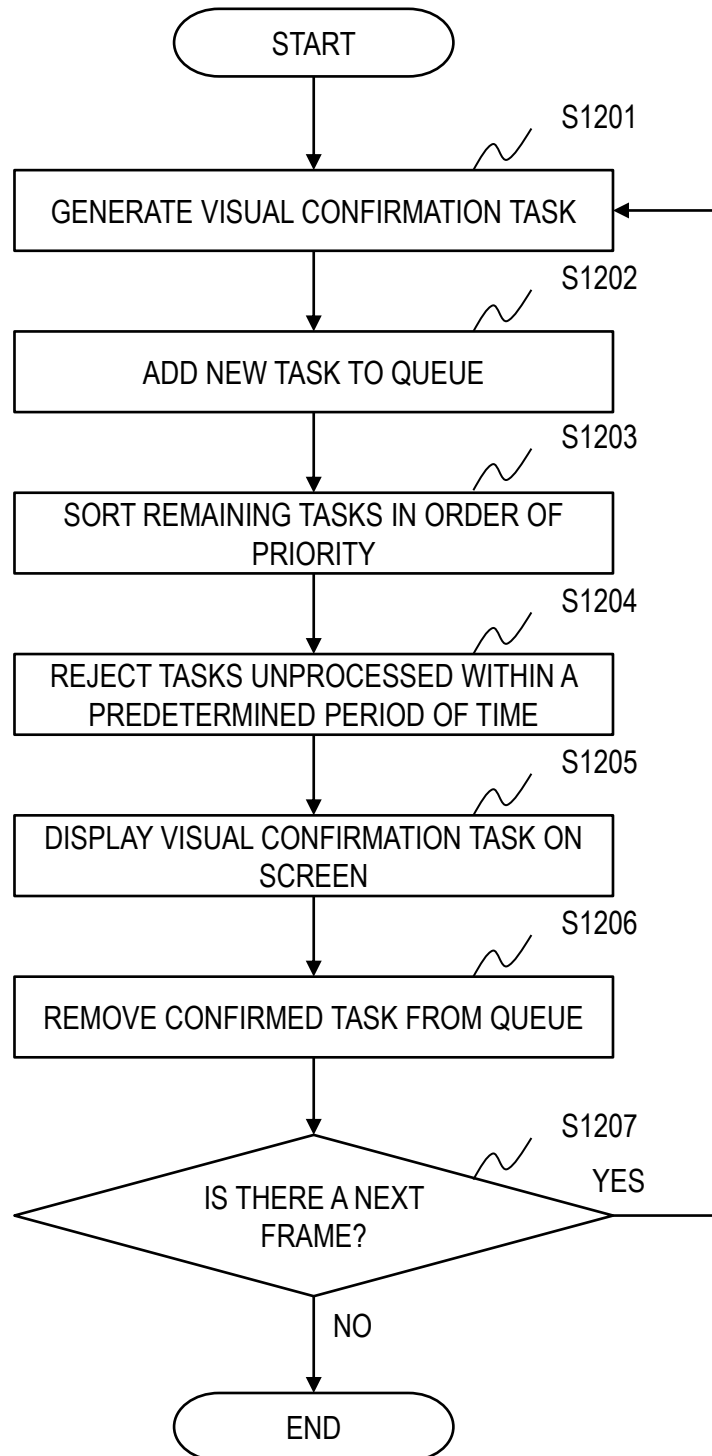
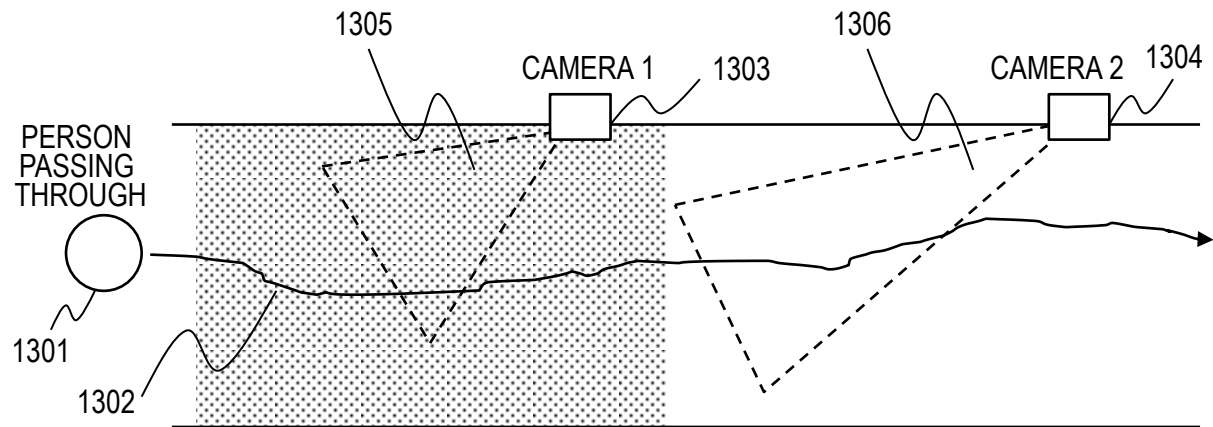


FIG. 11

METHOD FOR NON-SEQUENTIAL DISPLAY OF VISUAL CONFIRMATION TASKS

**FIG. 12**

INDEPENDENT DISPLAY AMOUNT CONTROL FOR EACH SOURCE OF VIDEO



IMAGING CONDITIONS	[BAD] DEPRESSION ANGLE...STEEP LIGHTING...DARK	[GOOD] DEPRESSION ANGLE...SHALLOW LIGHTING...BRIGHT
RATE OF FALSE RECOGNITIONS	HIGH	LOW
AMOUNT TO WHICH DISPLAY AMOUNT IS CONTROLLED	HIGH	LOW

FIG. 13

REDUCTION IN DISPLAY AMOUNT BY TRACKING BETWEEN CAMERAS

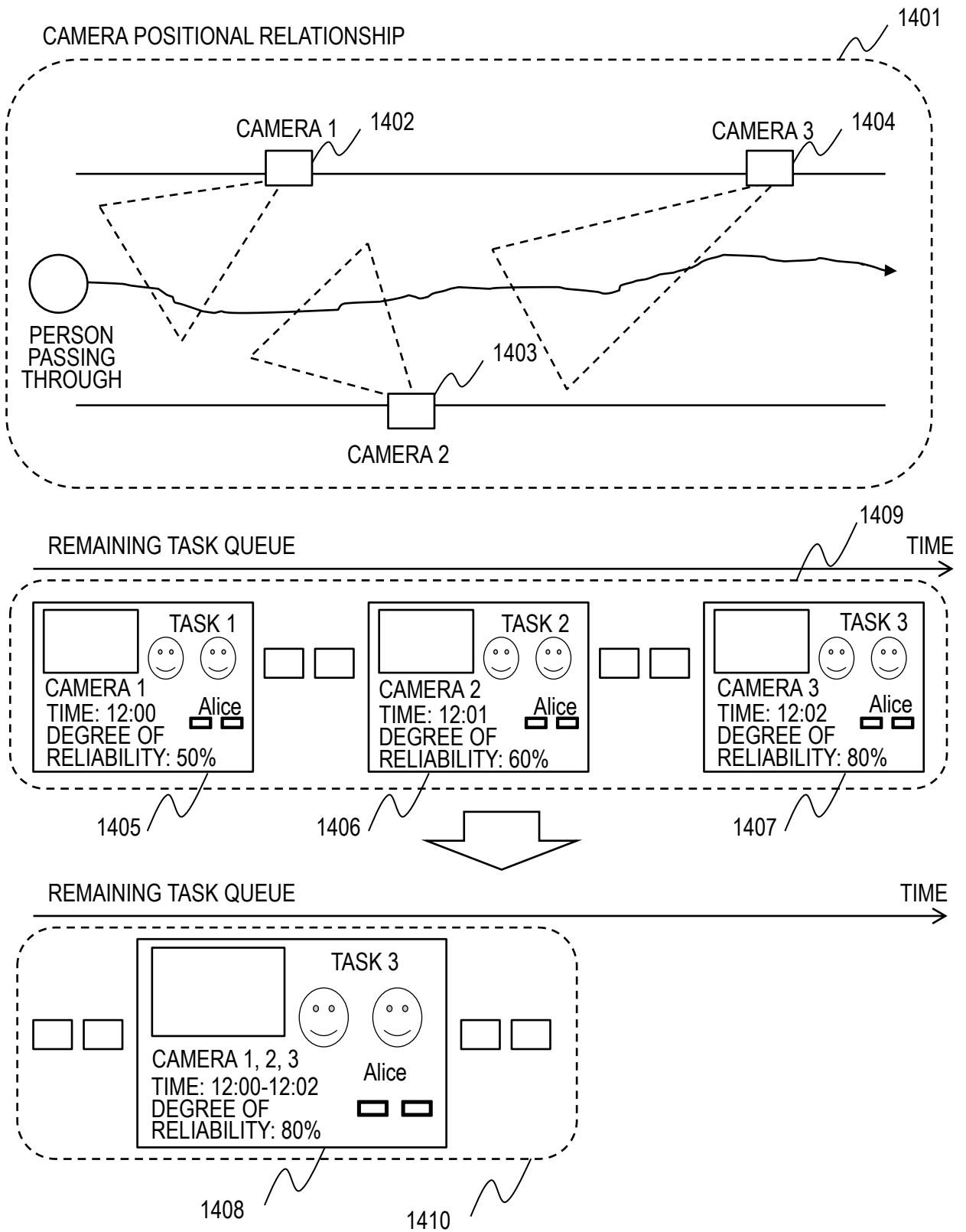
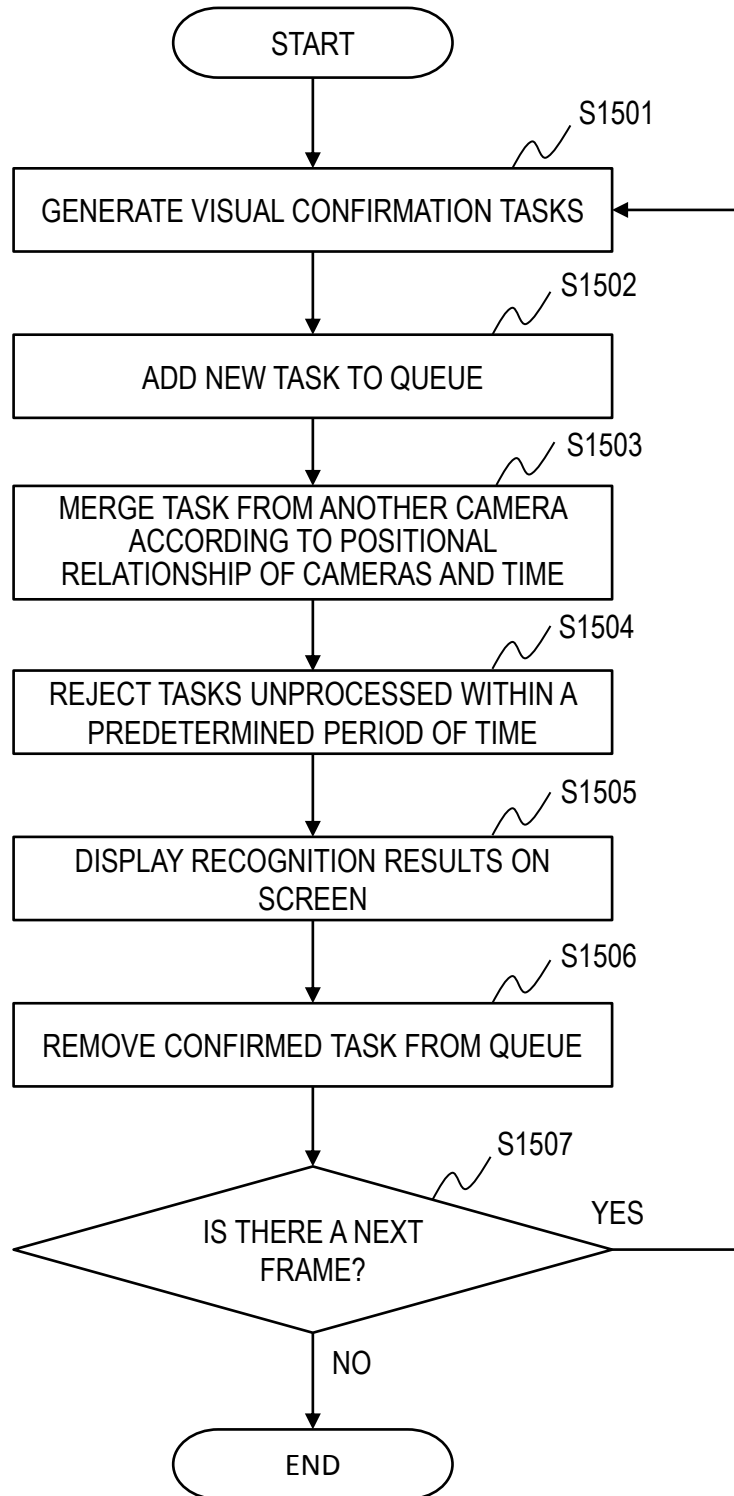


FIG. 14

REDUCTION IN DISPLAY AMOUNT BY TRACKING BETWEEN CAMERAS

**FIG. 15**

REJECTION OF REMAINING TASKS BY CLUSTERING

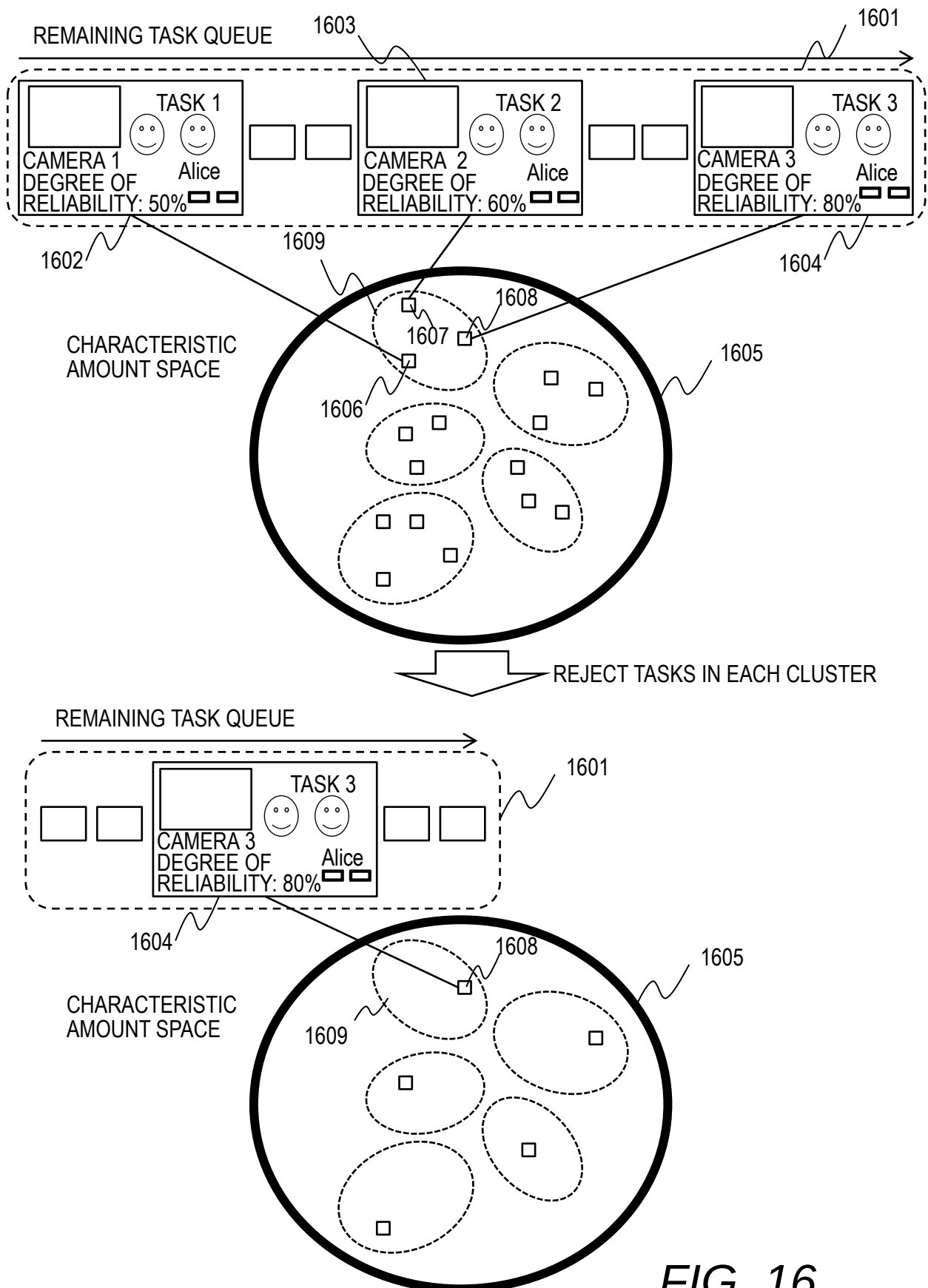
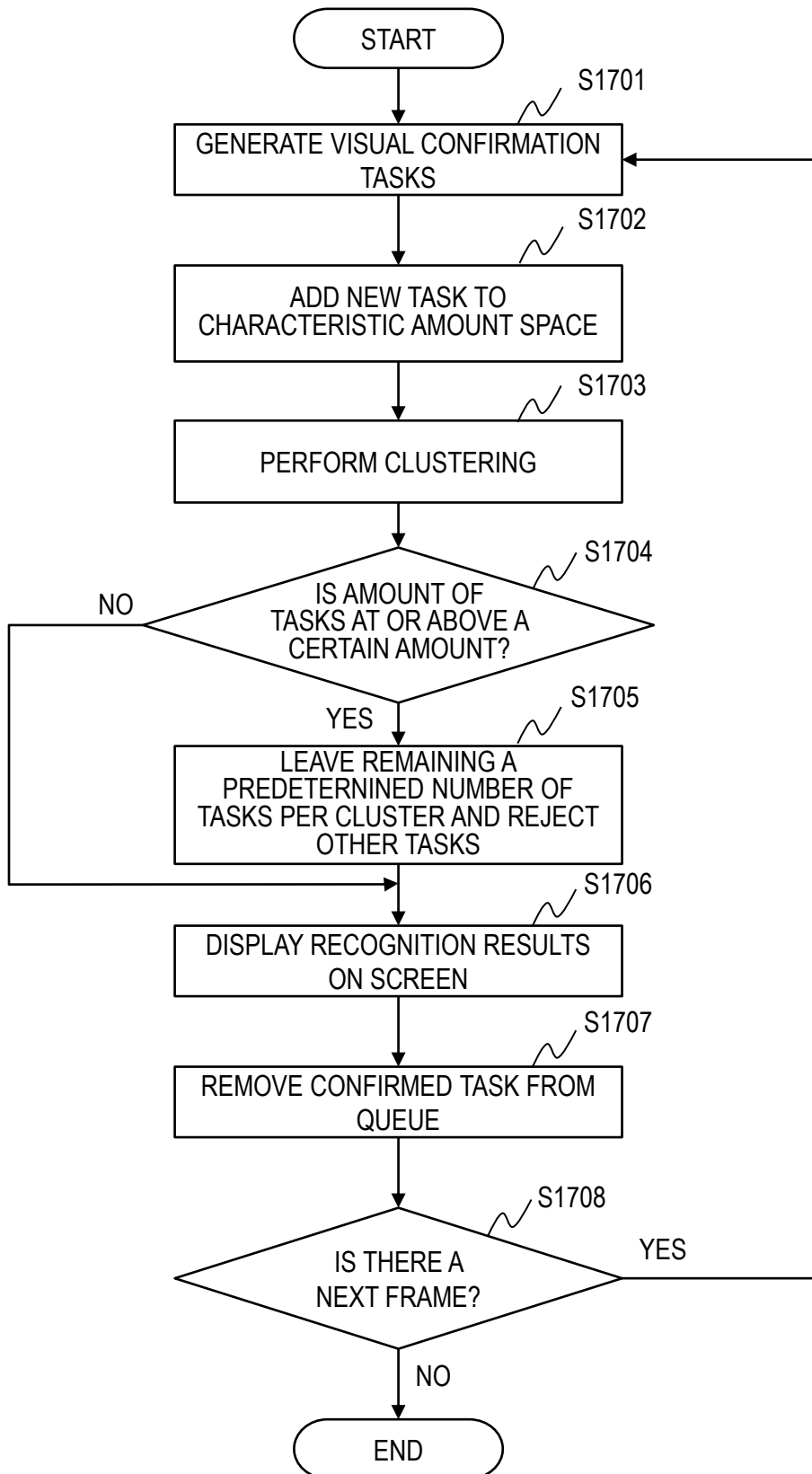


FIG. 16

REJECTION OF REMAINING TASKS BY CLUSTERING

**FIG. 17**

DISPLAY SCREEN CONFIGURATION EXAMPLE

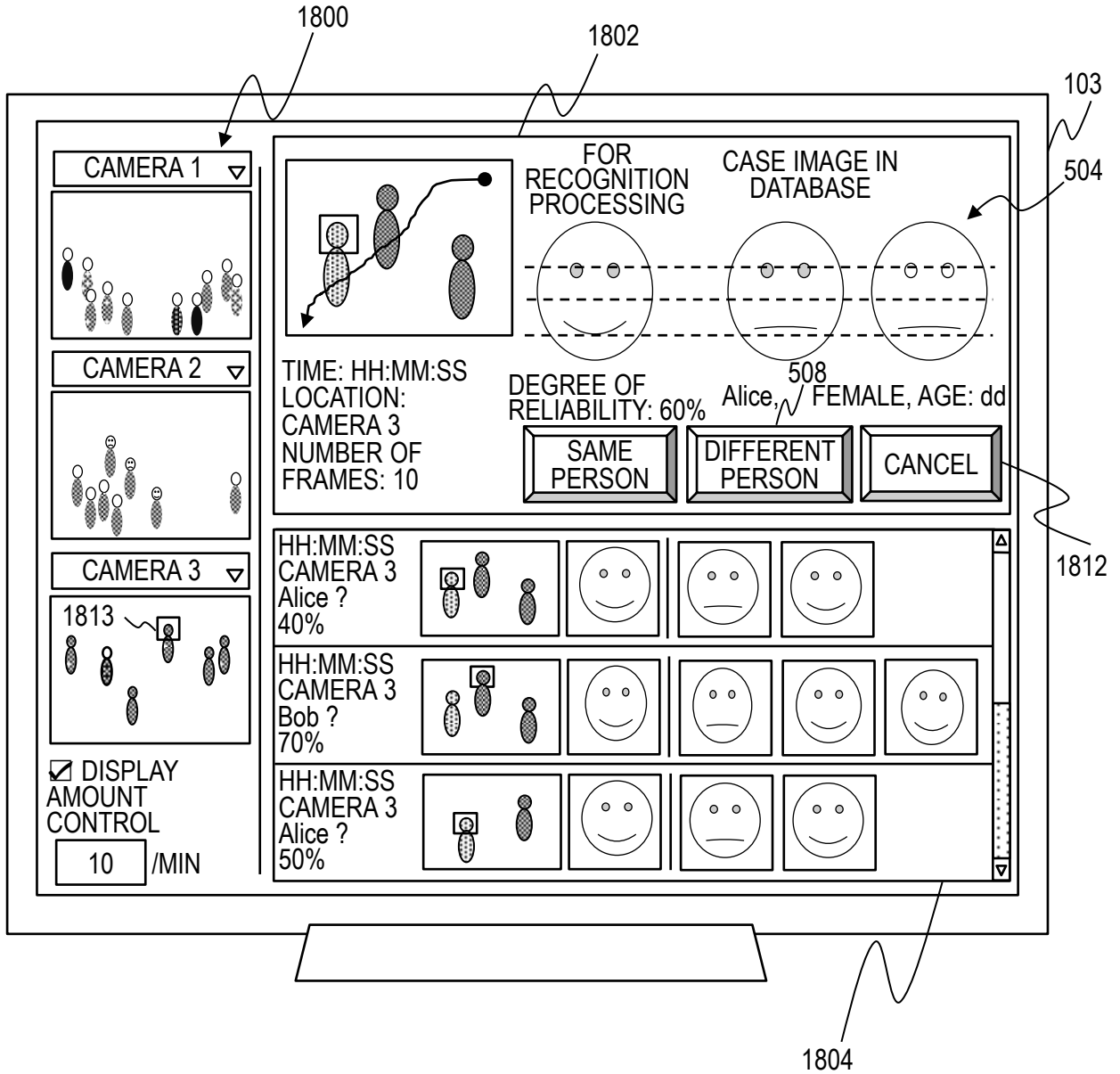


FIG. 18