FIG. 1

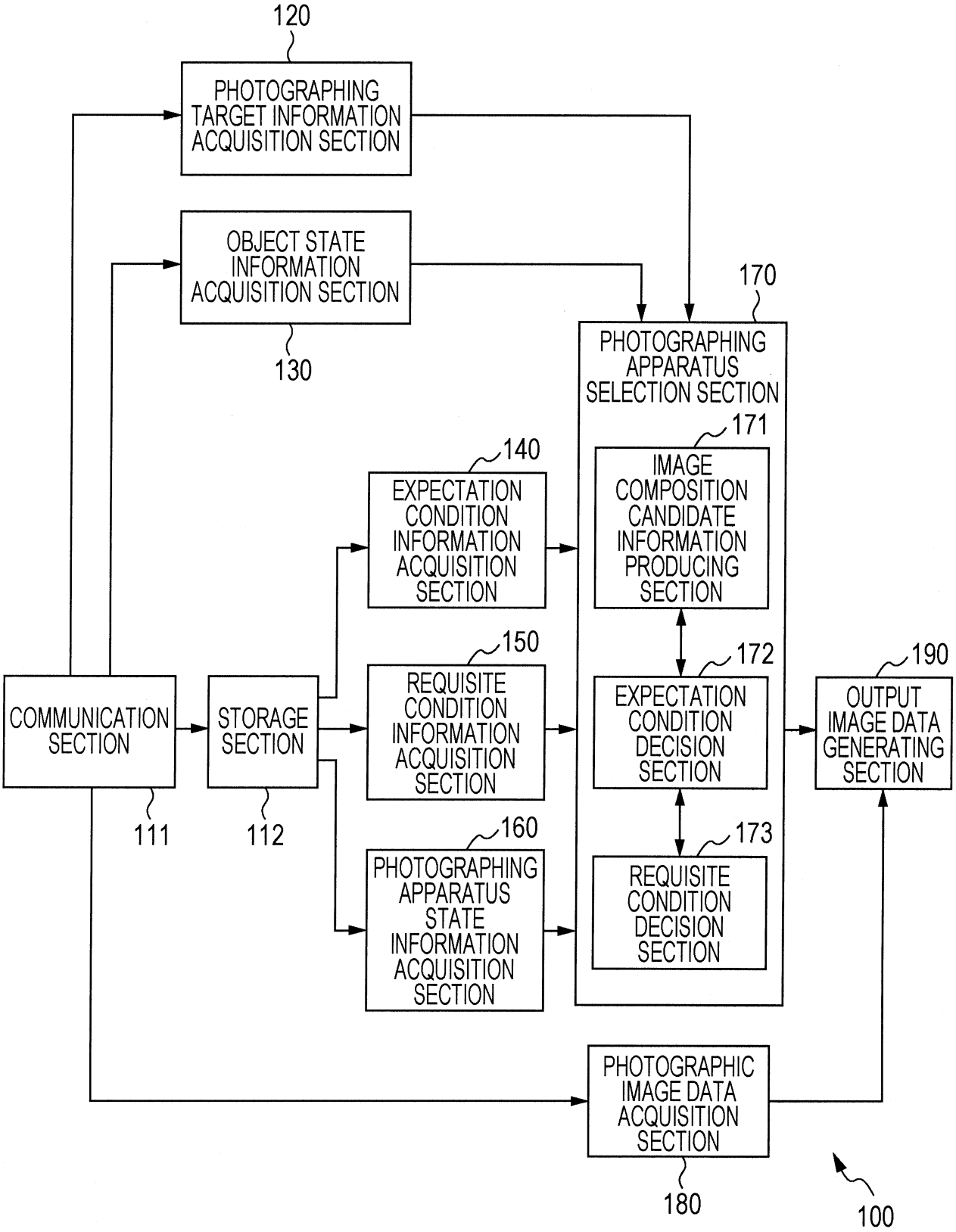

120
PHOTOGRAPHING TARGET INFORMATION ACQUISITION SECTION
OBJECT STATE INFORMATION ACQUISITION SECTION
130
170
PHOTOGRAPHING APPARATUS SELECTION SECTION
171
IMAGE COMPOSITION CANDIDATE INFORMATION PRODUCING SECTION
140
EXPECTATION CONDITION INFORMATION ACQUISITION SECTION
150
REQUISITE CONDITION INFORMATION ACQUISITION SECTION
160
PHOTOGRAPHING APPARATUS STATE INFORMATION ACQUISITION SECTION
172
EXPECTATION CONDITION DECISION SECTION
173
REQUISITE CONDITION DECISION SECTION
190
OUTPUT IMAGE DATA GENERATING SECTION
COMMUNICATION SECTION
111
STORAGE SECTION
112
PHOTOGRAPHIC IMAGE DATA ACQUISITION SECTION
180
100

FIG. 2

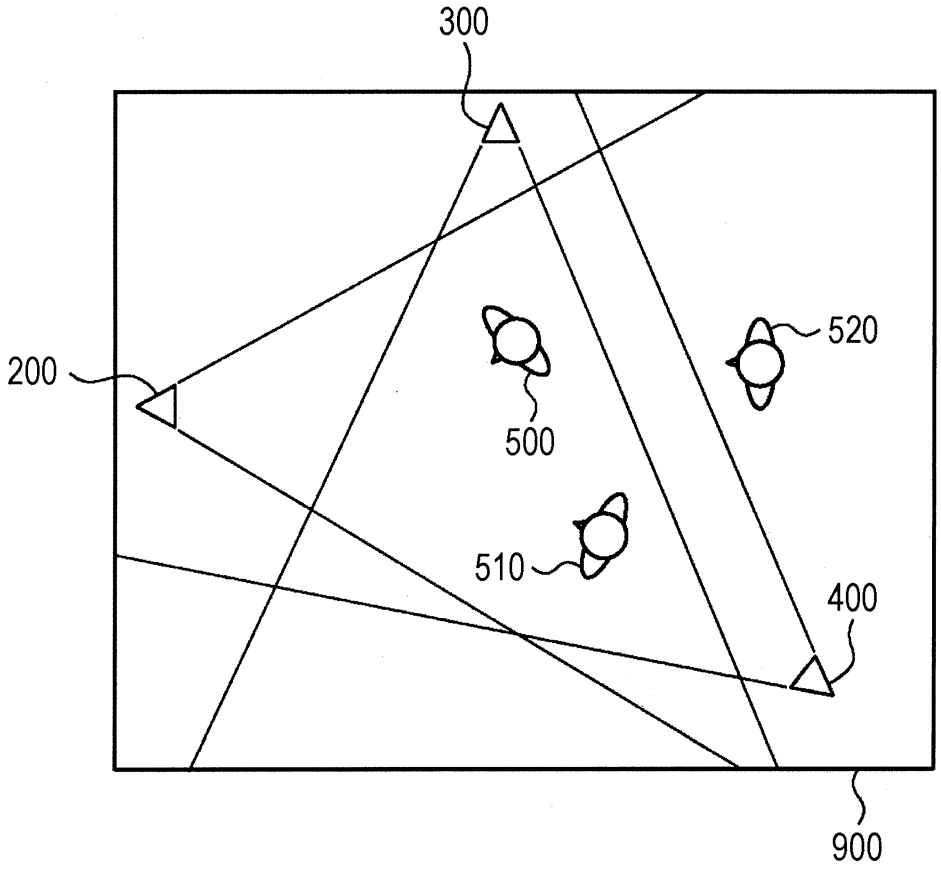


FIG. 3

PRIORITIES	EXPECTATION CONDITIONS
1	PHOTOGRAPH OBJECT 510
2	ANGLE WITH RESPECT TO ORIENTATION OF OBJECT 520 IS 90 DEGREES OR LESS
3	HORIZONTAL WIDTH OF OBJECT 520 IS 1 m OR MORE

FIG. 4

REQUISITE CONDITION
OBJECT IS WITHIN ANGLE OF VIEW
NO OVERLAP BETWEEN OBJECTS

FIG. 5

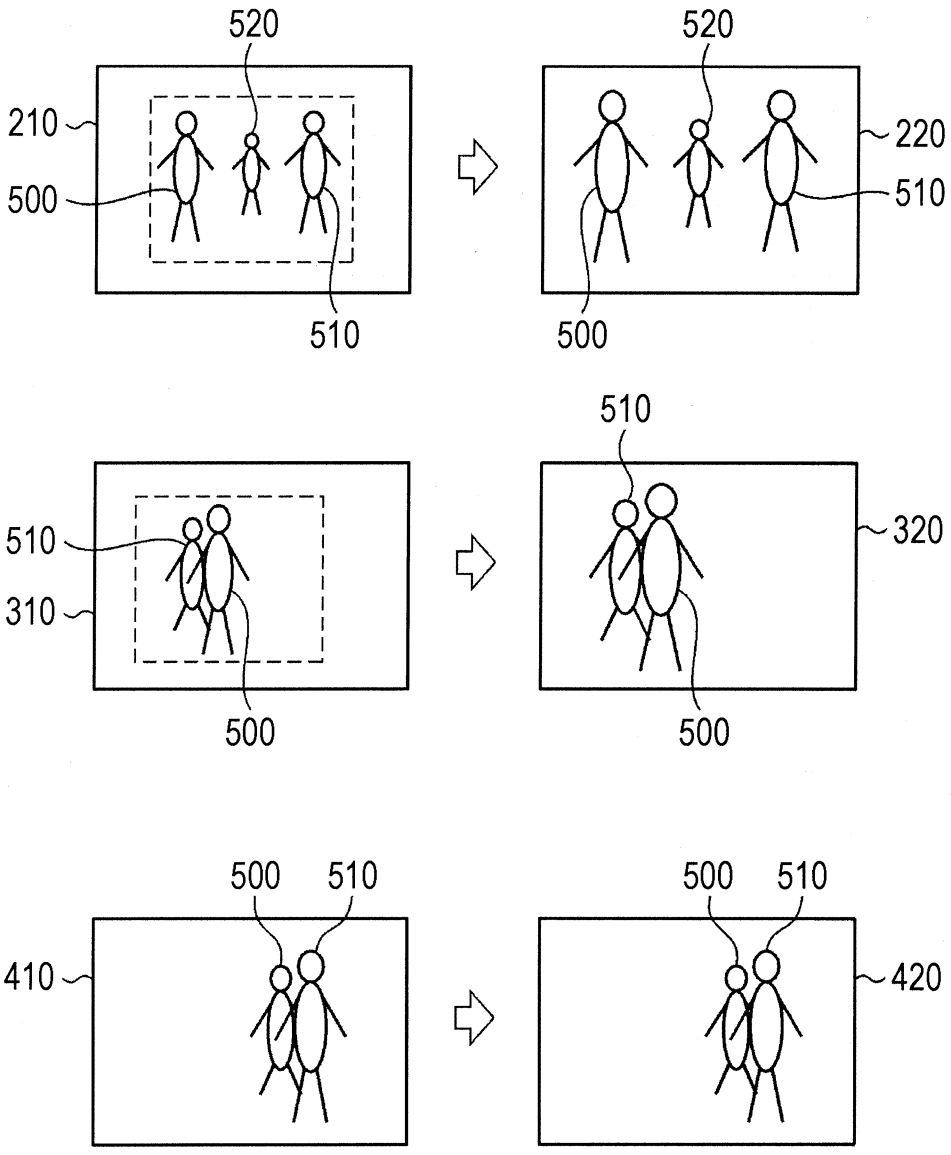


FIG. 6

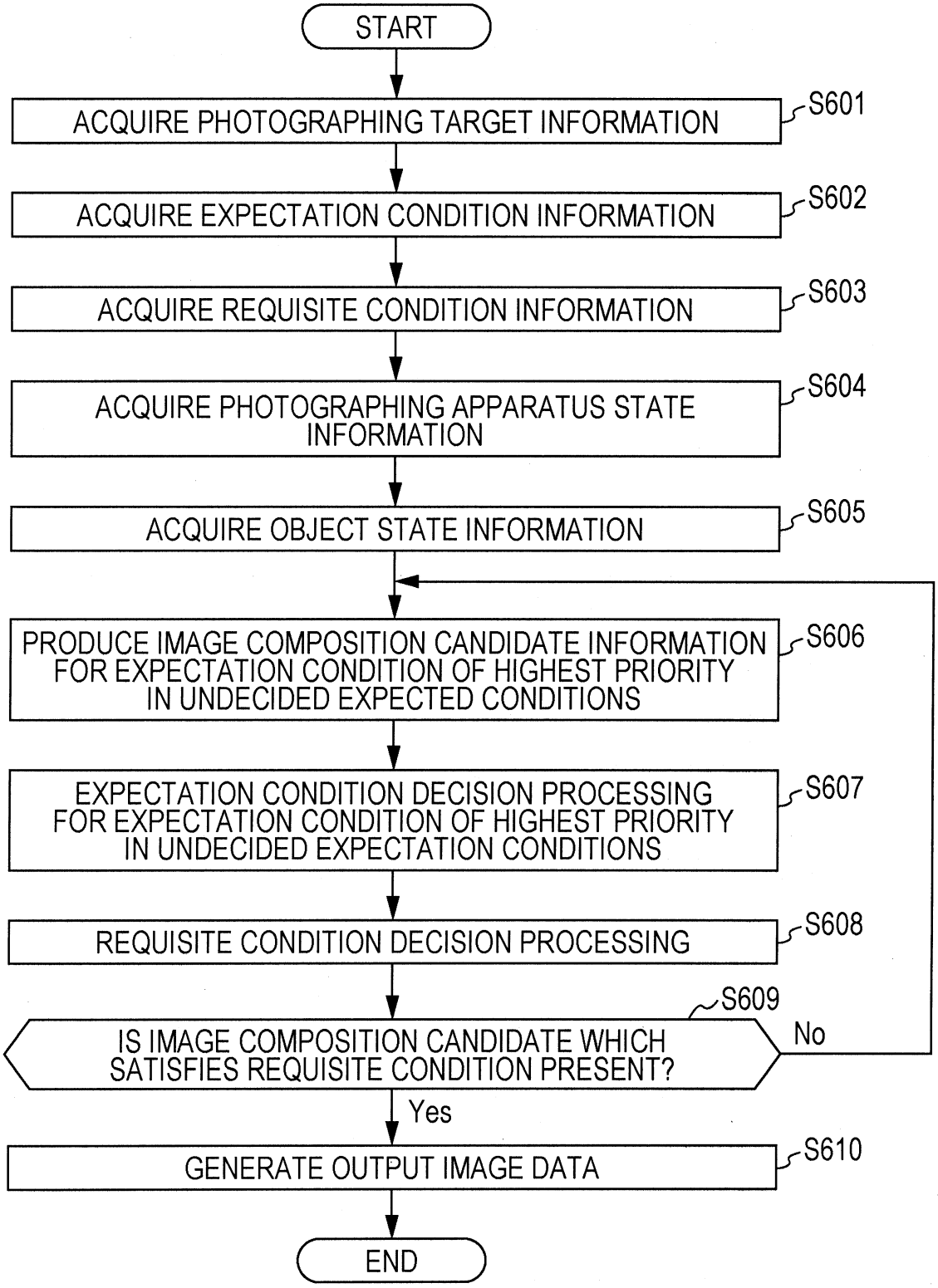

START
ACQUIRE PHOTOGRAPHING TARGET INFORMATION
S601
ACQUIRE EXPECTATION CONDITION INFORMATION
S602
ACQUIRE REQUISITE CONDITION INFORMATION
S603
ACQUIRE PHOTOGRAPHING APPARATUS STATE INFORMATION
S604
ACQUIRE OBJECT STATE INFORMATION
S605
PRODUCE IMAGE COMPOSITION CANDIDATE INFORMATION FOR EXPECTATION CONDITION OF HIGHEST PRIORITY IN UNDECIDED EXPECTED CONDITIONS
S606
EXPECTATION CONDITION DECISION PROCESSING FOR EXPECTATION CONDITION OF HIGHEST PRIORITY IN UNDECIDED EXPECTATION CONDITIONS
S607
REQUISITE CONDITION DECISION PROCESSING
S608
S609
IS IMAGE COMPOSITION CANDIDATE WHICH SATISFIES REQUISITE CONDITION PRESENT?
No
Yes
GENERATE OUTPUT IMAGE DATA
S610
END

FIG. 7

CONDITION NUMBER	EXPECTATION CONDITIONS	WEIGHTING (POINT)	PHOTOGRAPHING APPARATUS A	PHOTOGRAPHING APPARATUS B
1	PHOTOGRAPH WITH OBJECT b	10	UNAVAILABLE (10×0 = 0 POINTS)	AVAILABLE (10×1 = 10 POINTS)
2	ANGLE BETWEEN ORIENTATION VECTOR OF OBJECT c AND PHOTOGRAPHING DIRECTION IS SMALL	6	30 DEGREES (6×(180−30)/180 = 5 POINTS)	60 DEGREES (6×(180−60)/180 = 4 POINTS)
3	WIDTH OF OBJECT c IS 1 m AND OVER	2	AVAILABLE (2×1 = 2 POINTS)	UNAVAILABLE (2×0 = 0 POINTS)
POINT TOTAL			7 POINTS	14 POINTS

FIG. 8

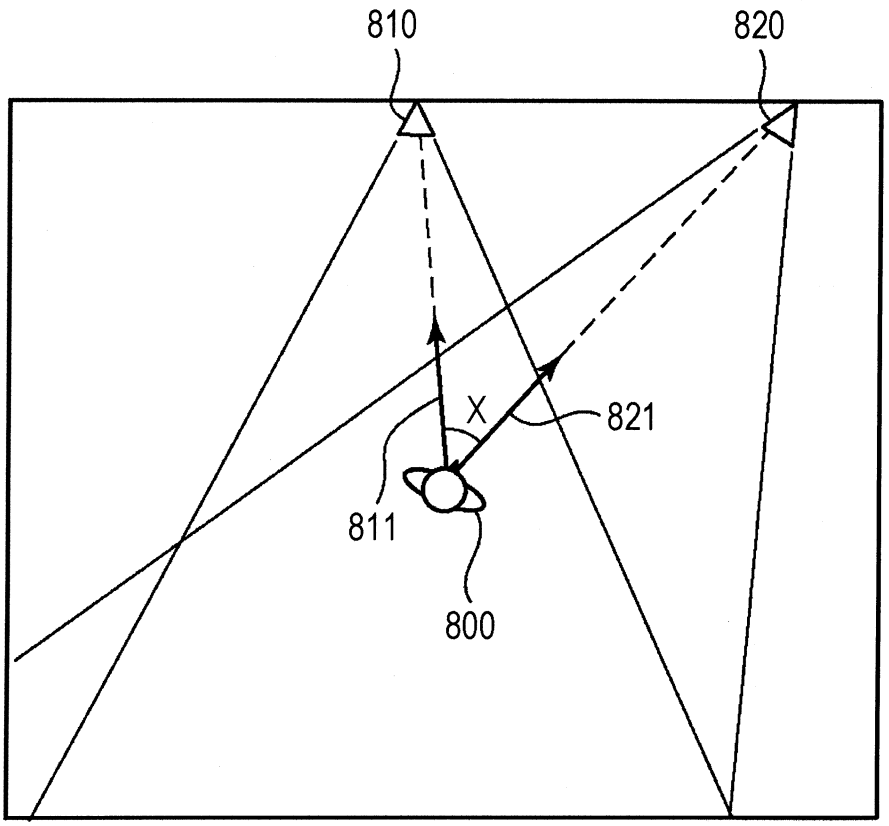
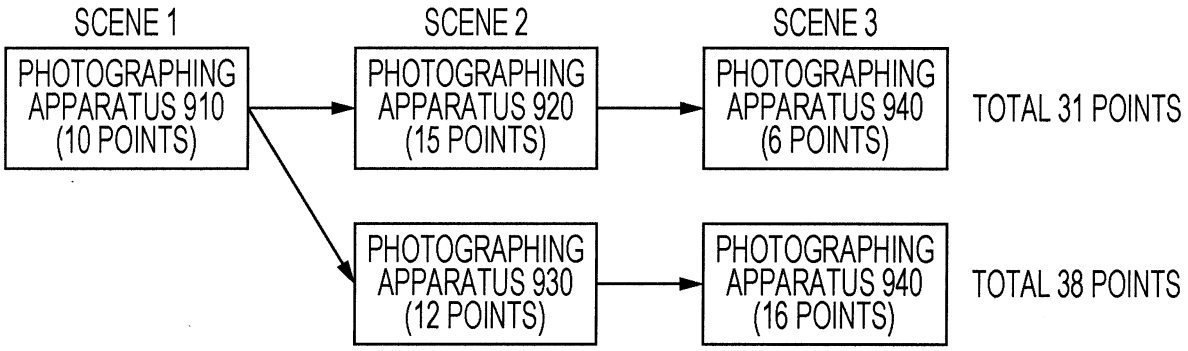


FIG. 9


SCENE 1
SCENE 2
SCENE 3
PHOTOGRAPHING APPARATUS 910 (10 POINTS)
PHOTOGRAPHING APPARATUS 920 (15 POINTS)
PHOTOGRAPHING APPARATUS 940 (6 POINTS)
TOTAL 31 POINTS
PHOTOGRAPHING APPARATUS 930 (12 POINTS)
PHOTOGRAPHING APPARATUS 940 (16 POINTS)
TOTAL 38 POINTS