FIG. 10

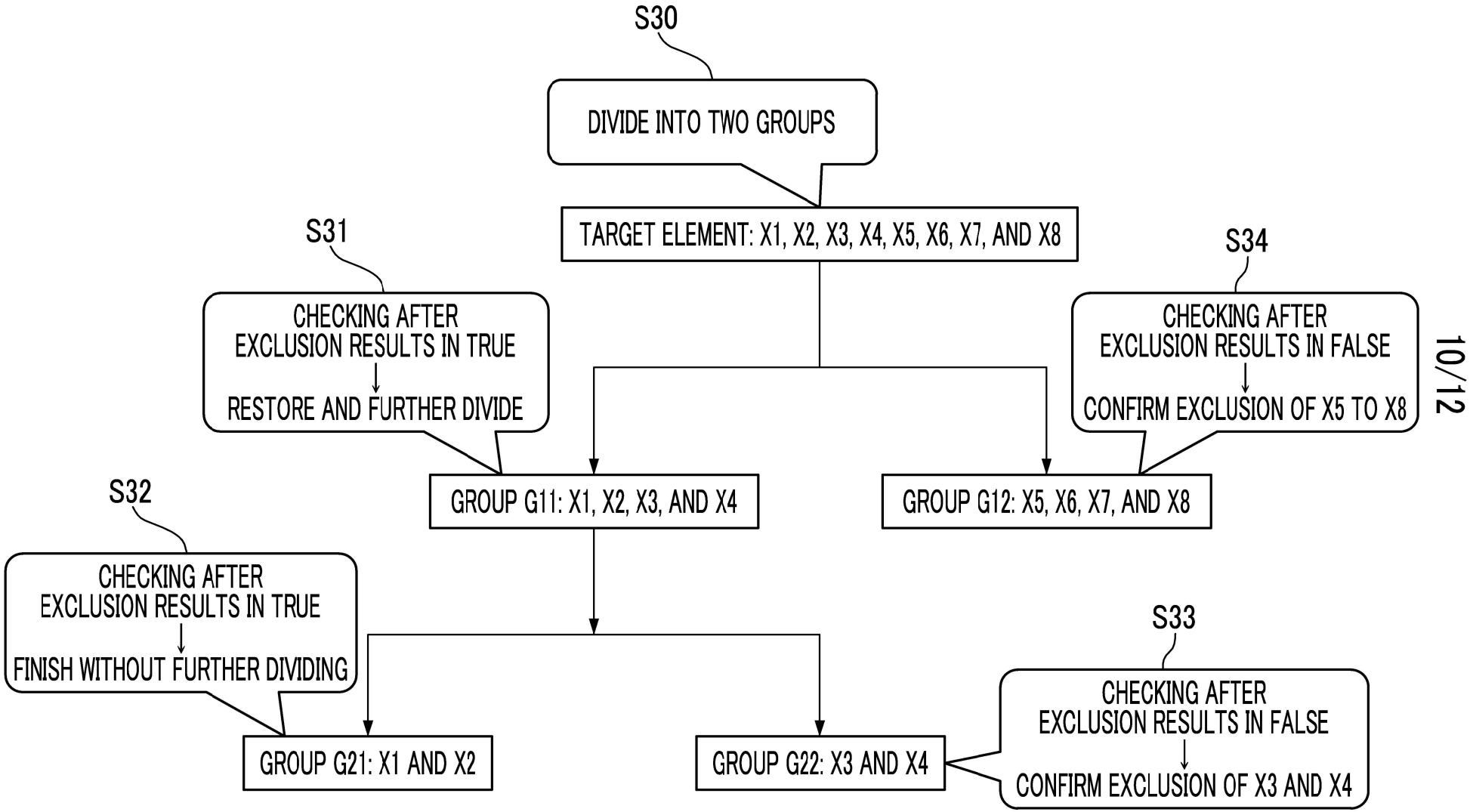

S30
DIVIDE INTO TWO GROUPS
TARGET ELEMENT: X1, X2, X3, X4, X5, X6, X7, AND X8
S31
CHECKING AFTER EXCLUSION RESULTS IN TRUE
RESTORE AND FURTHER DIVIDE
S34
CHECKING AFTER EXCLUSION RESULTS IN FALSE
CONFIRM EXCLUSION OF X5 TO X8
GROUP G11: X1, X2, X3, AND X4
GROUP G12: X5, X6, X7, AND X8
S32
CHECKING AFTER EXCLUSION RESULTS IN TRUE
FINISH WITHOUT FURTHER DIVIDING
S33
CHECKING AFTER EXCLUSION RESULTS IN FALSE
CONFIRM EXCLUSION OF X3 AND X4
GROUP G21: X1 AND X2
GROUP G22: X3 AND X4

FIG. 12

CONDITION	Y1
ANALYSIS RESULT	Y1 & X1 & X3
X1	0.7
X2 (SW DESIRED TO BE EXCLUDED)	0.9
X3	0.5
X4 (SW DESIRED TO BE EXCLUDED)	0.8

SCORE FOR EACH THRESHOLD VALUE FROM PREVIOUS RESULT

THRESHOLD VALUE	T1 = 0.7	T1 = 0.8	T1 = 0.9
CONDITION	Y1	Y1	Y1
X1 (SCORES)	-1	0	0
X2 (SCORES)	+1	+1	0
X3 (SCORES)	0	0	0
X4 (SCORES)	+1	+1	+1
TOTAL SCORES	+1	+2	+1

IN THIS EXAMPLE, T1 = 0.8 HAVING HIGHEST SCORES IS EMPLOYED