

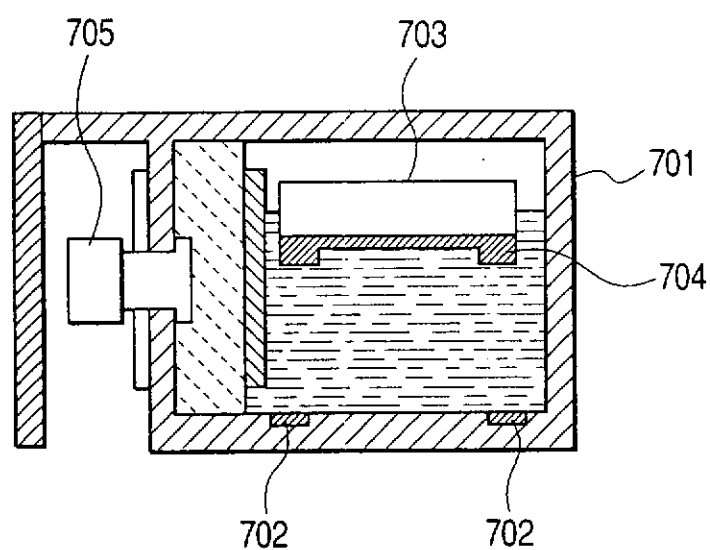
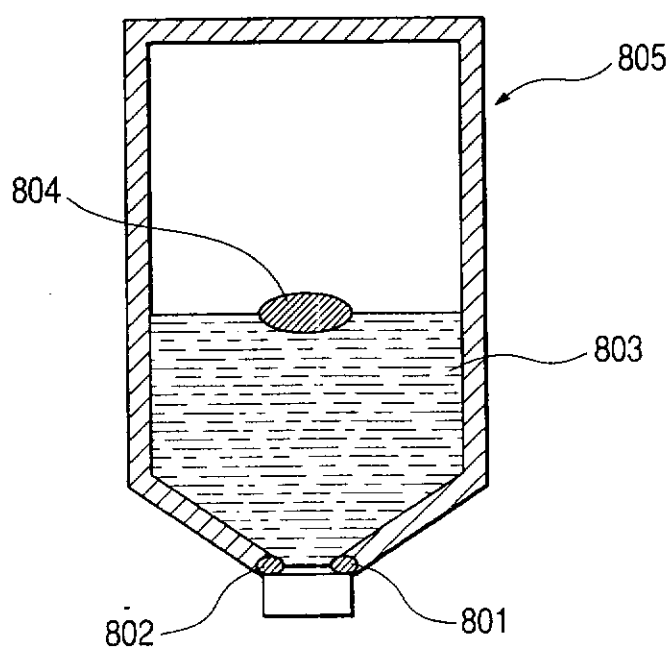
FIG. 1*FIG. 2*

FIG. 3

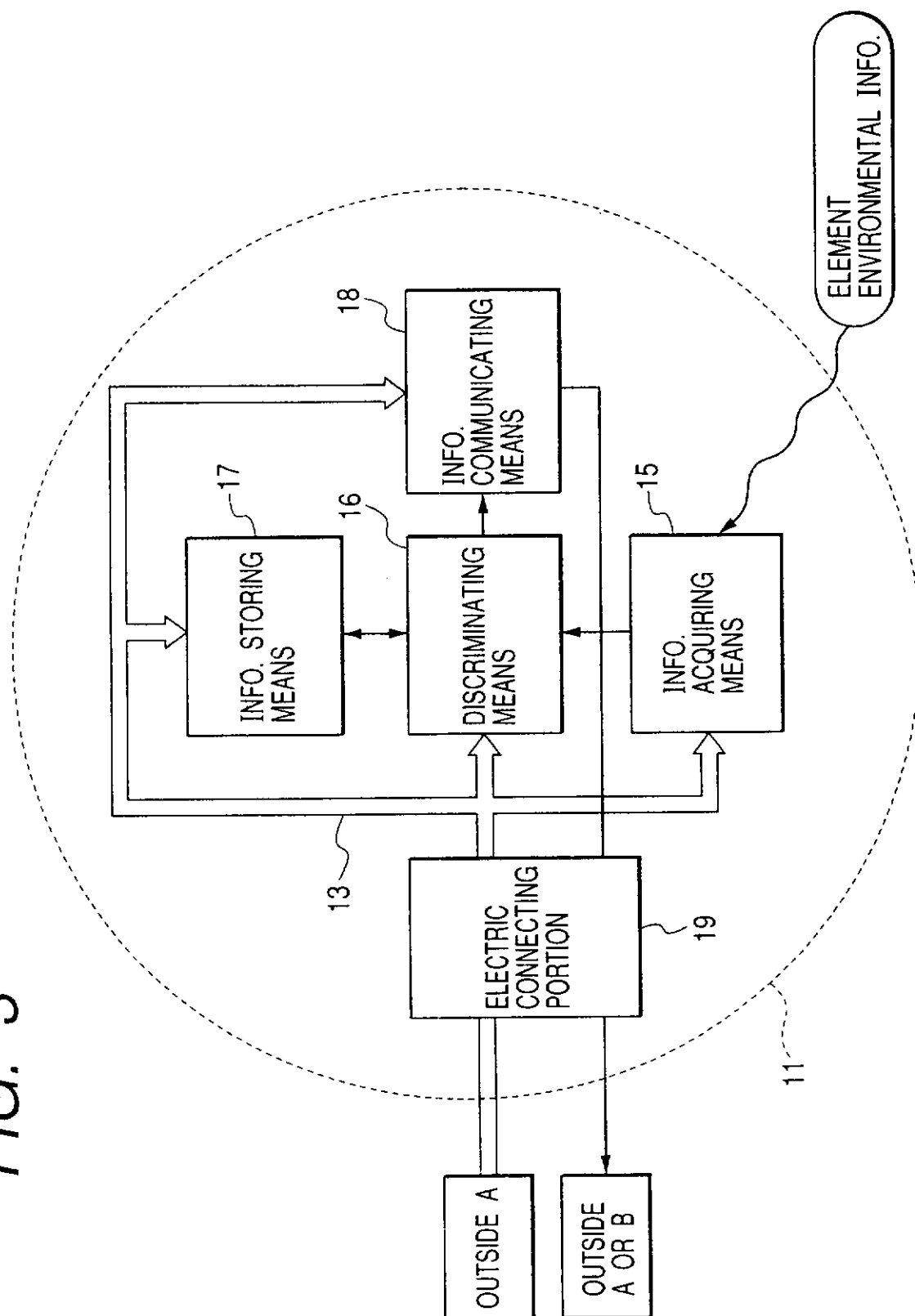


FIG. 4

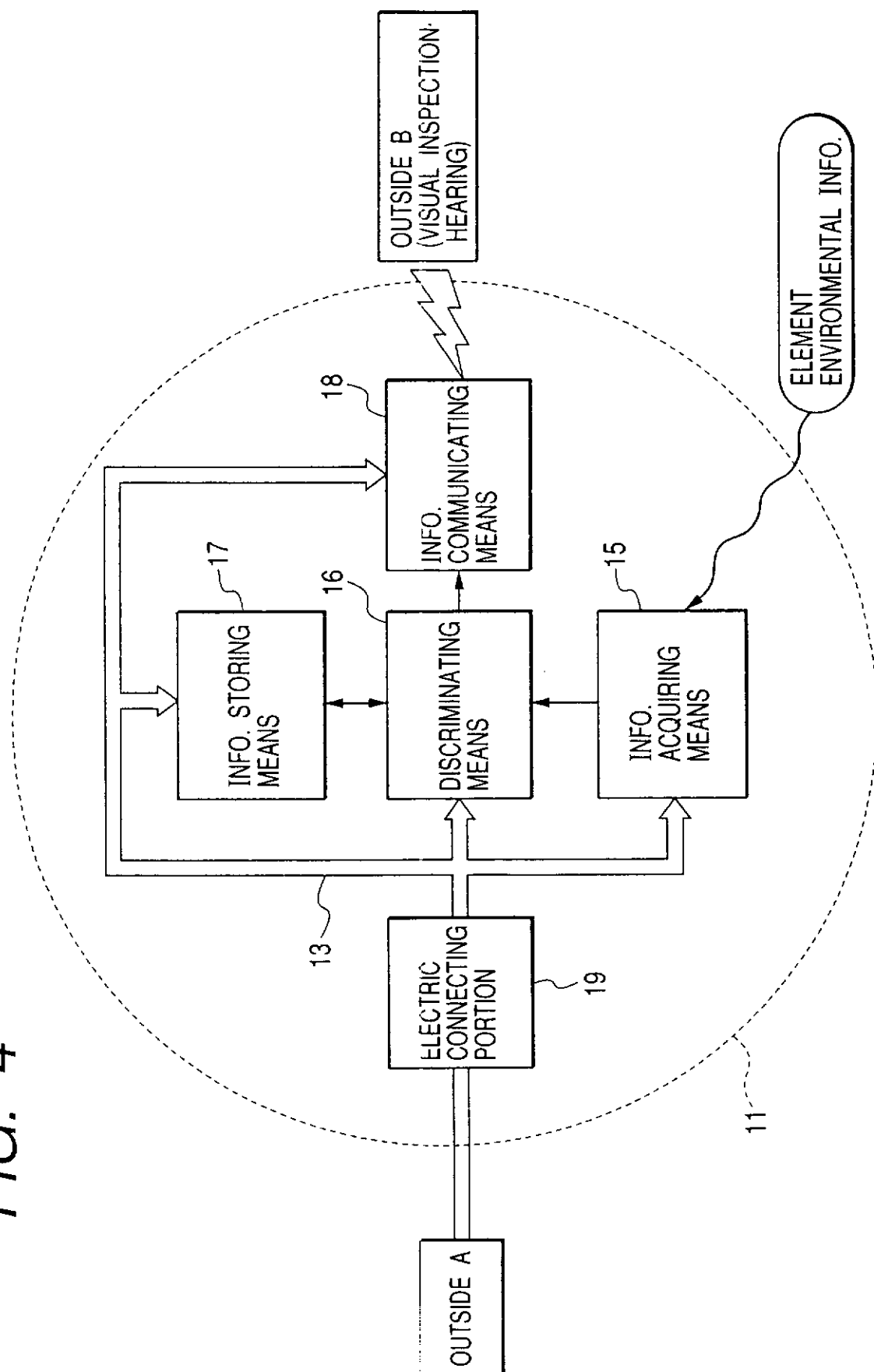


FIG. 5

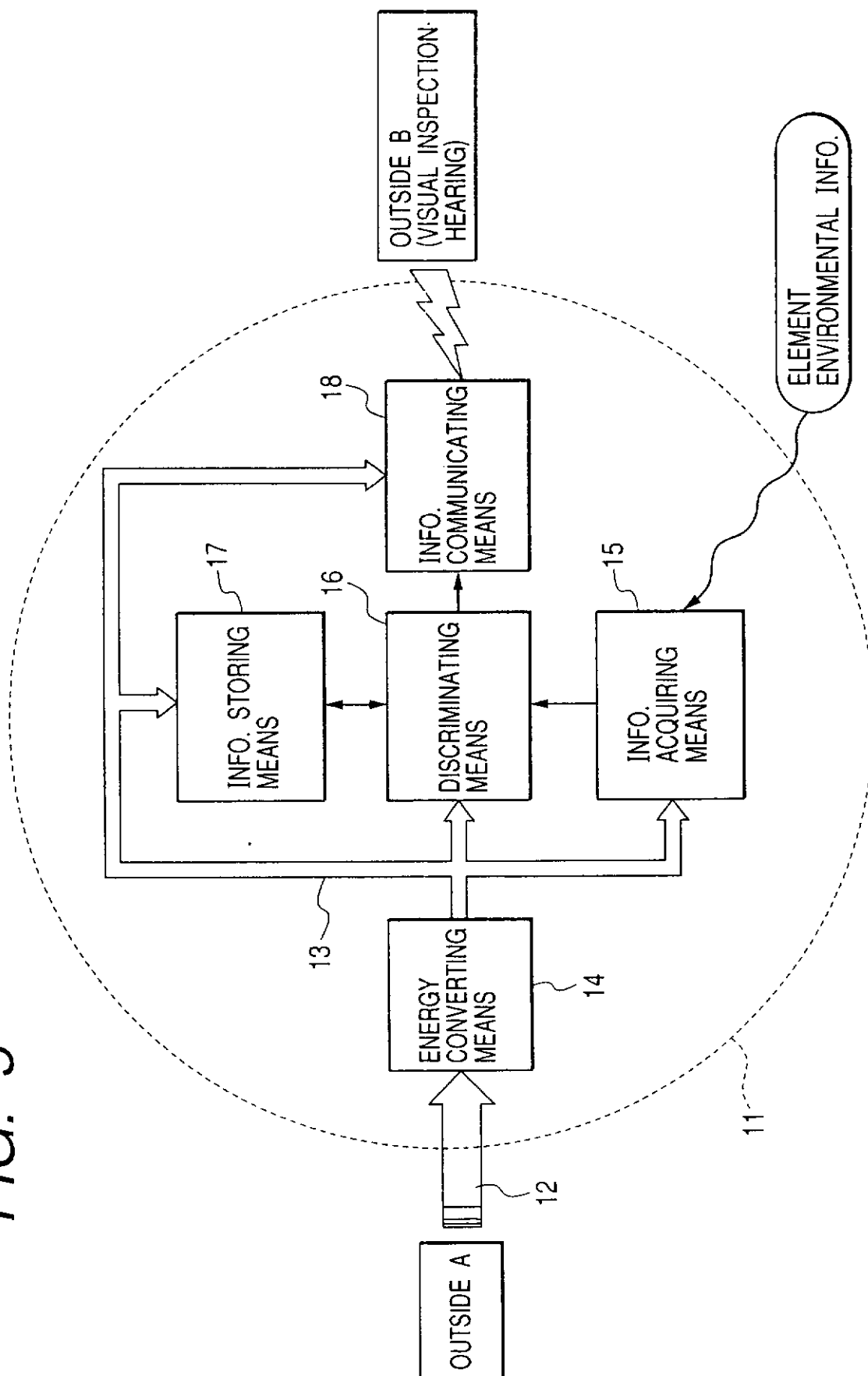


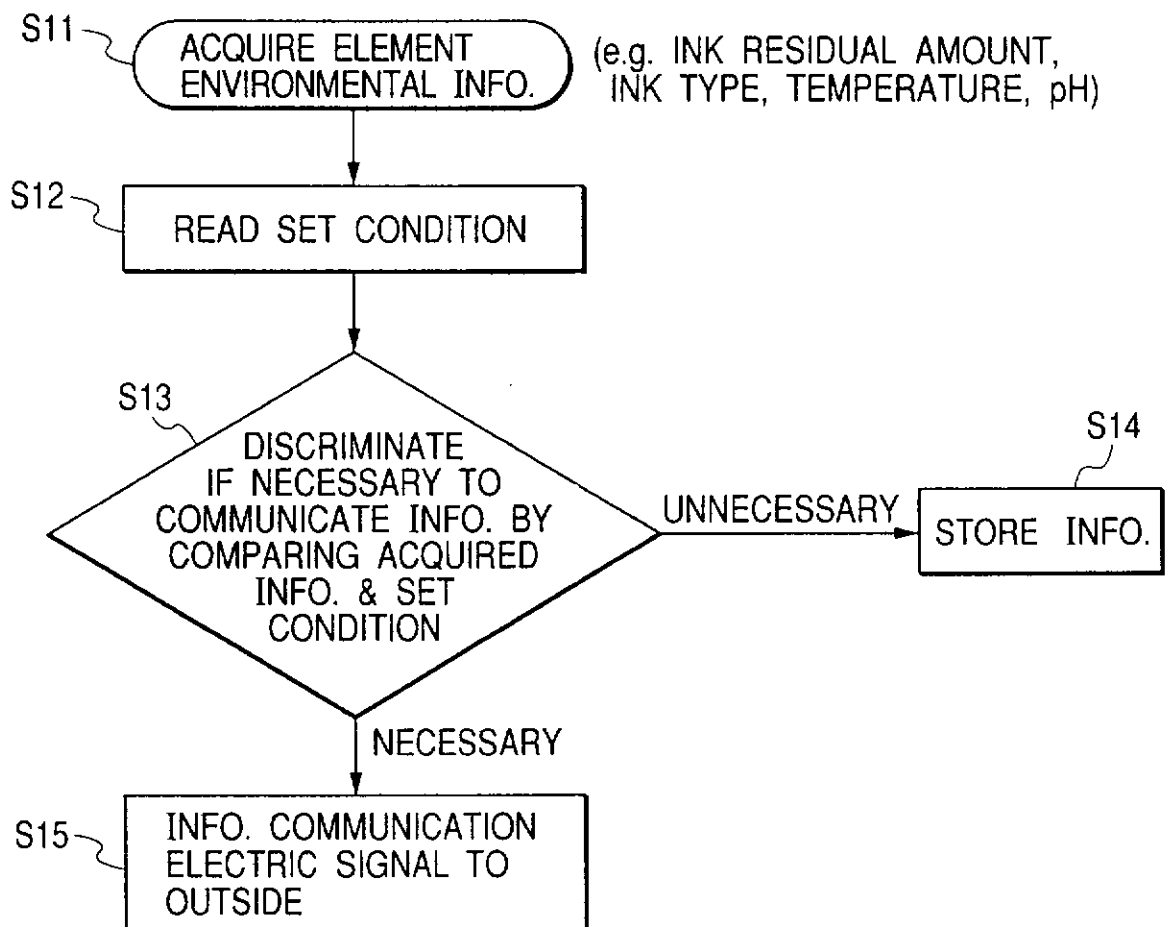
FIG. 6

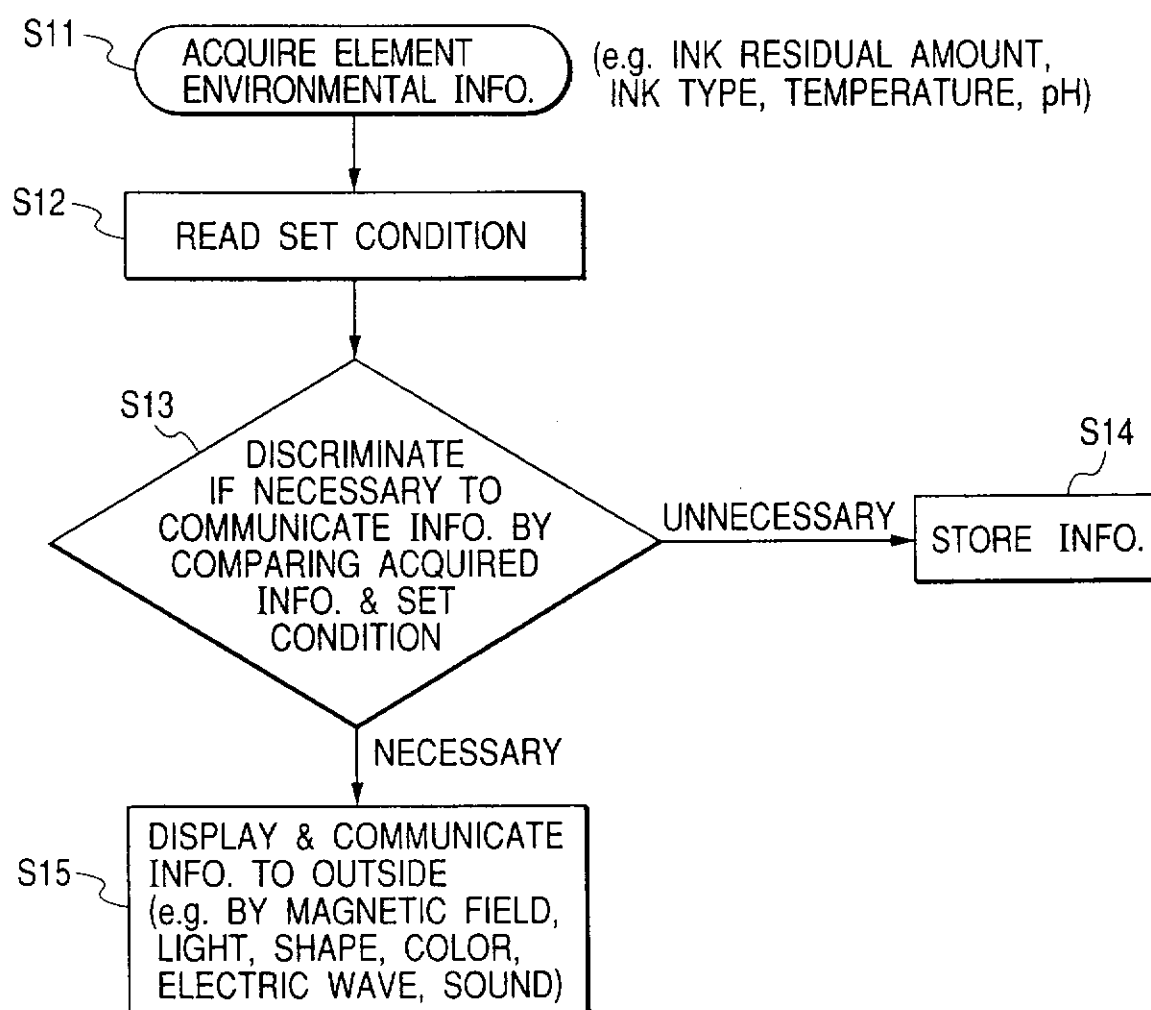
FIG. 7

FIG. 8

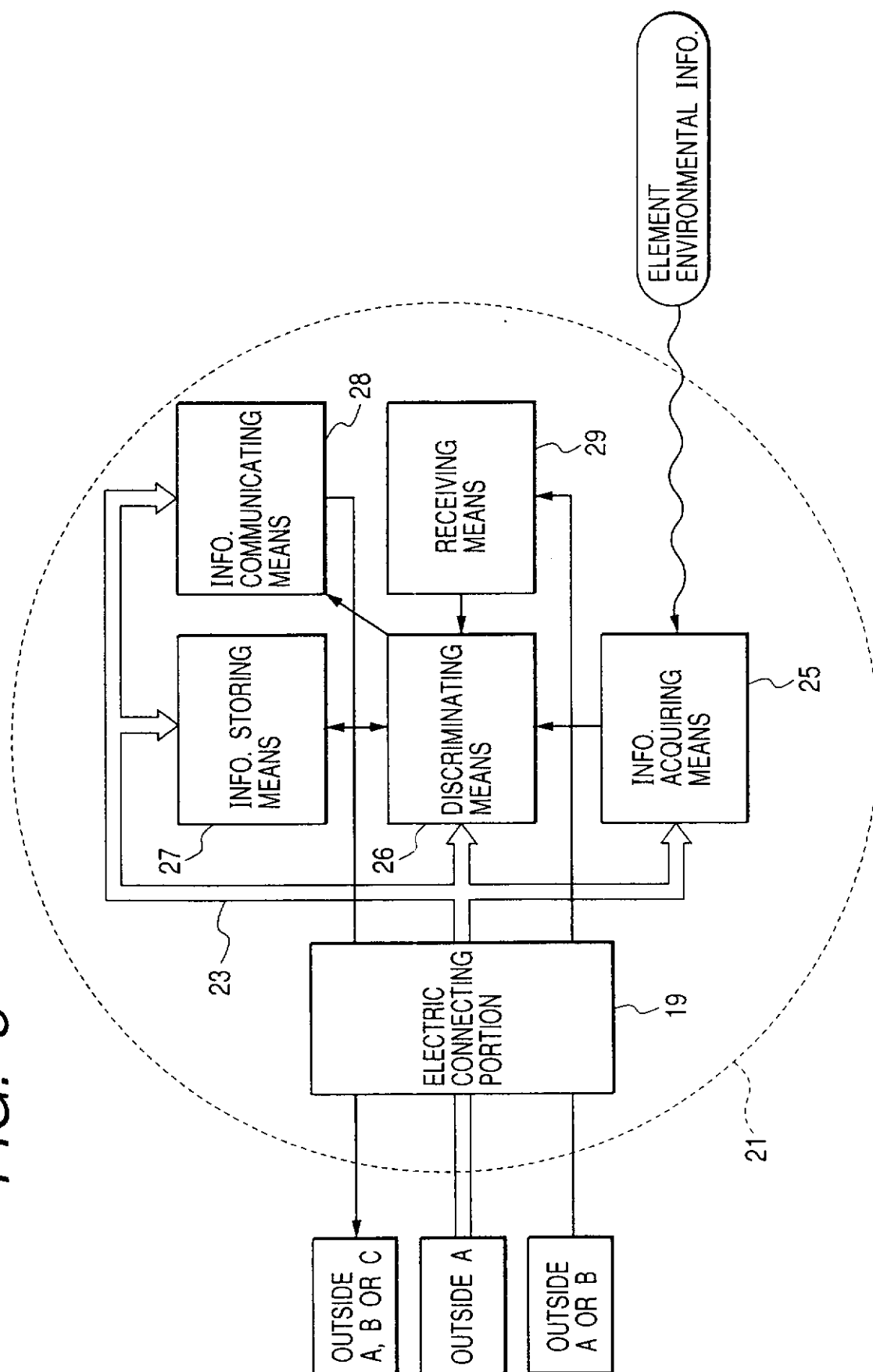


FIG. 9

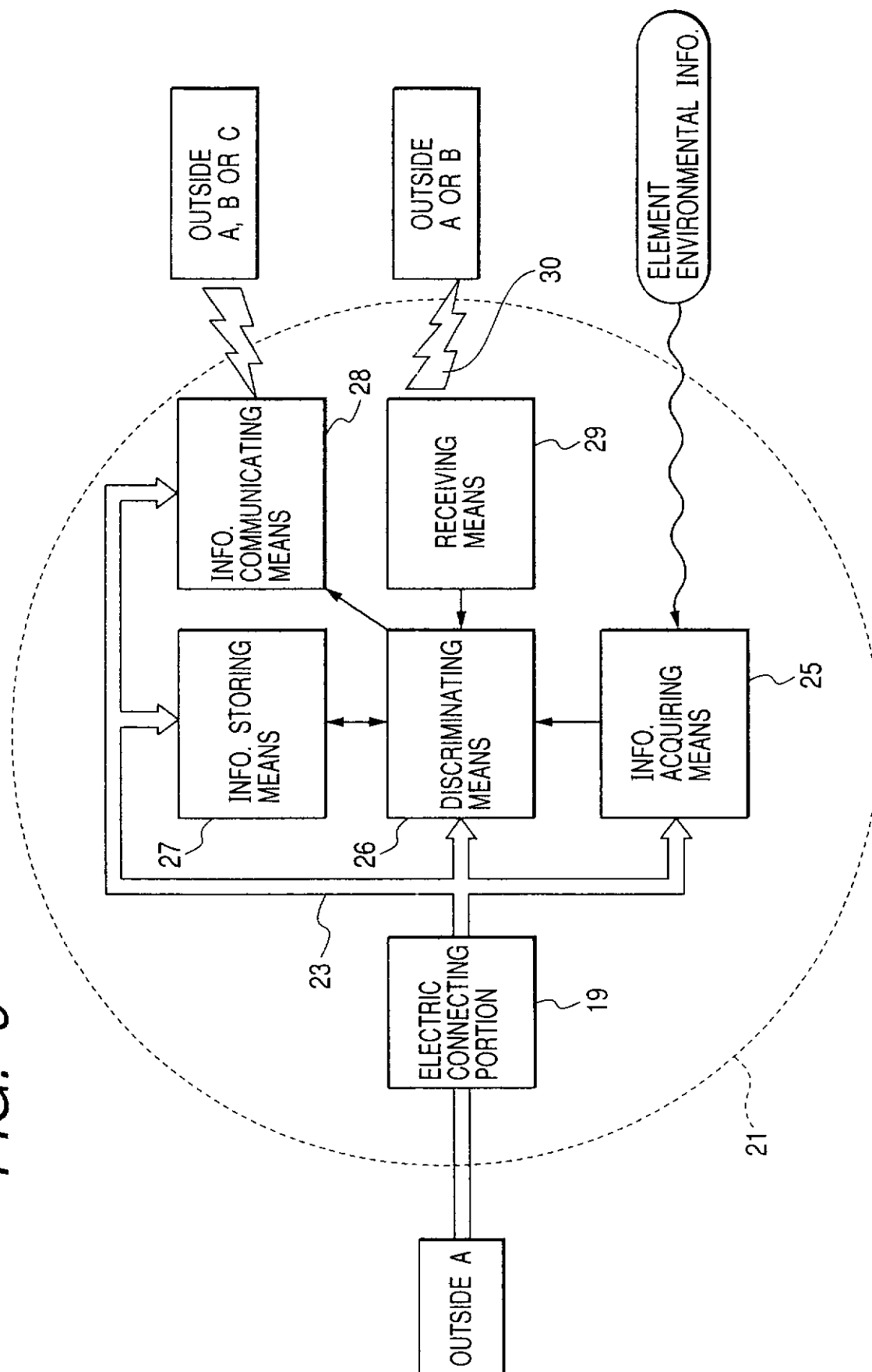


FIG. 10

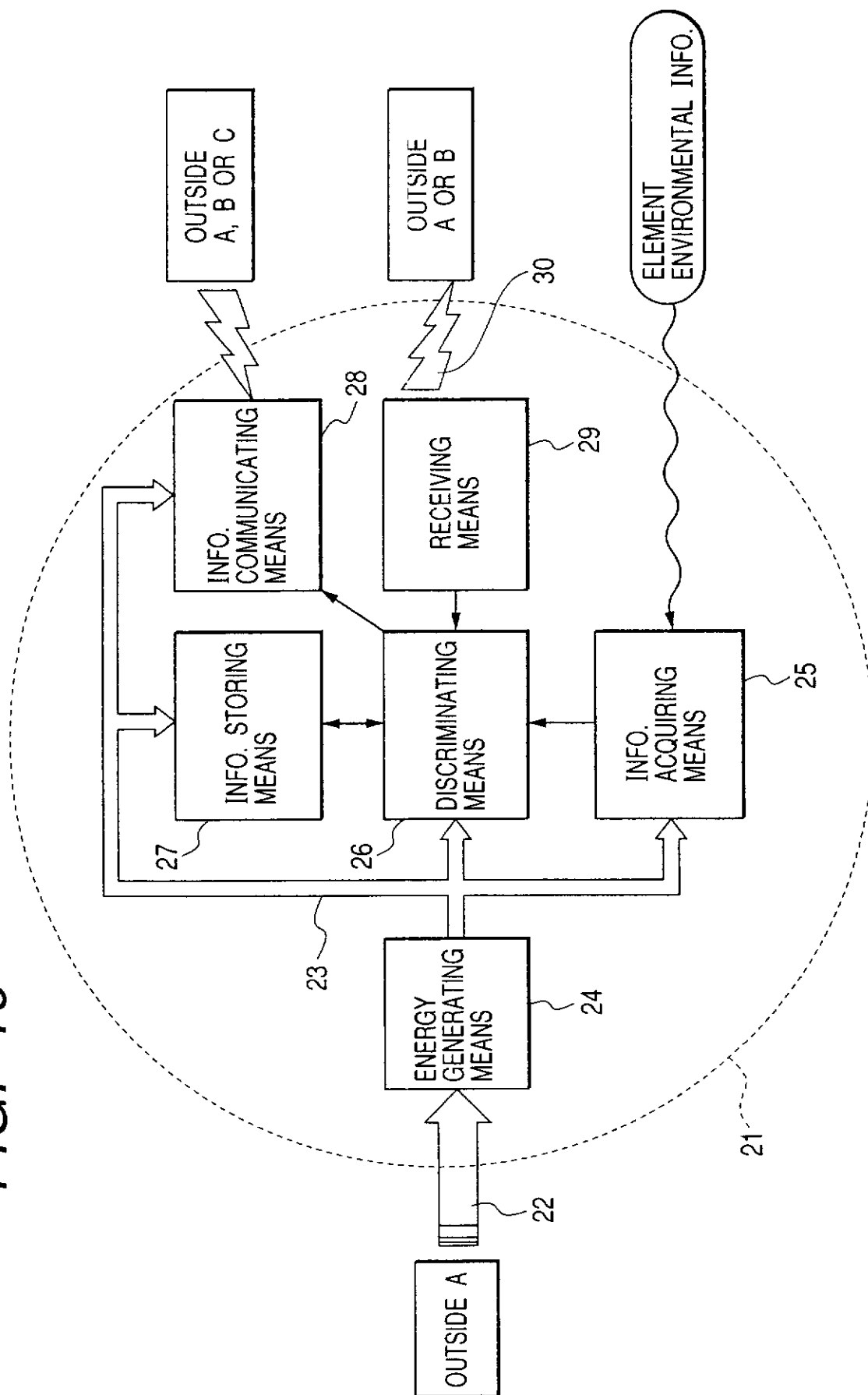


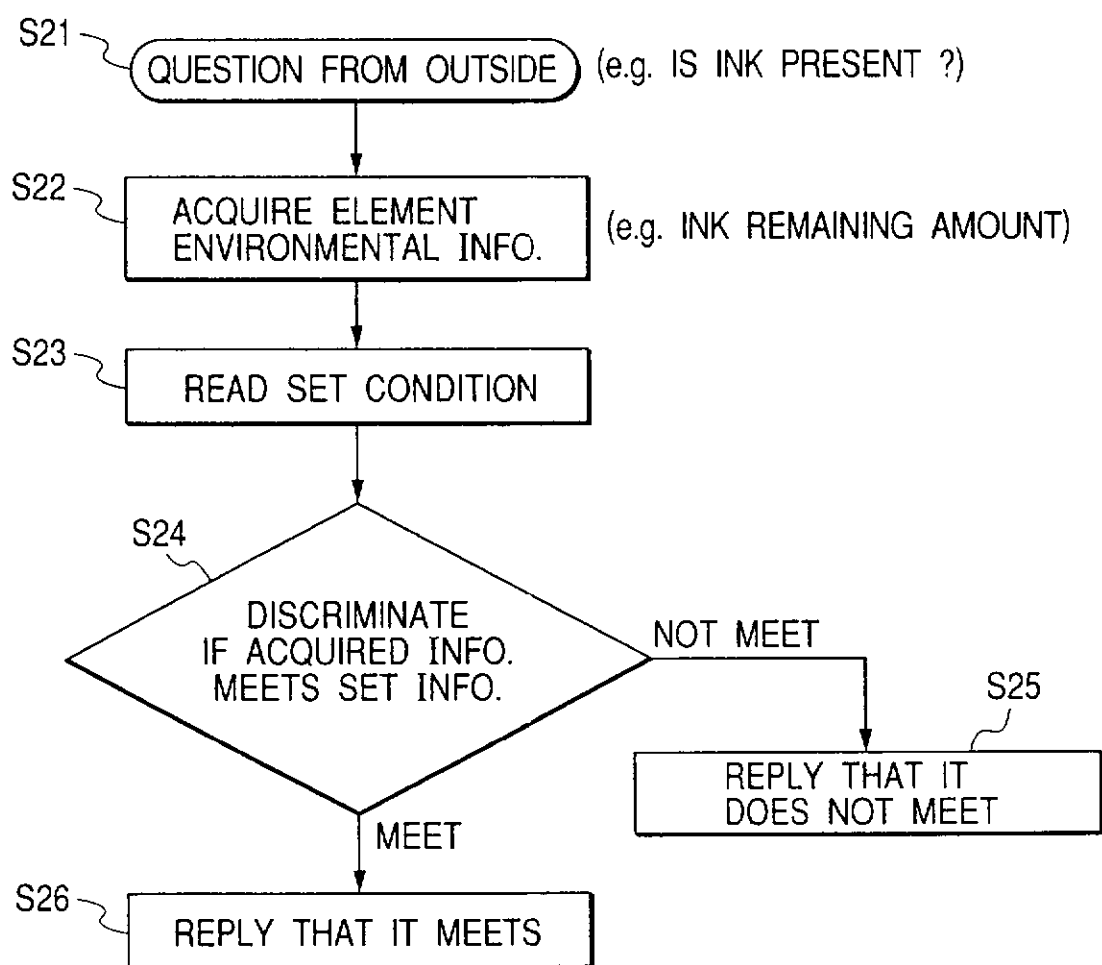
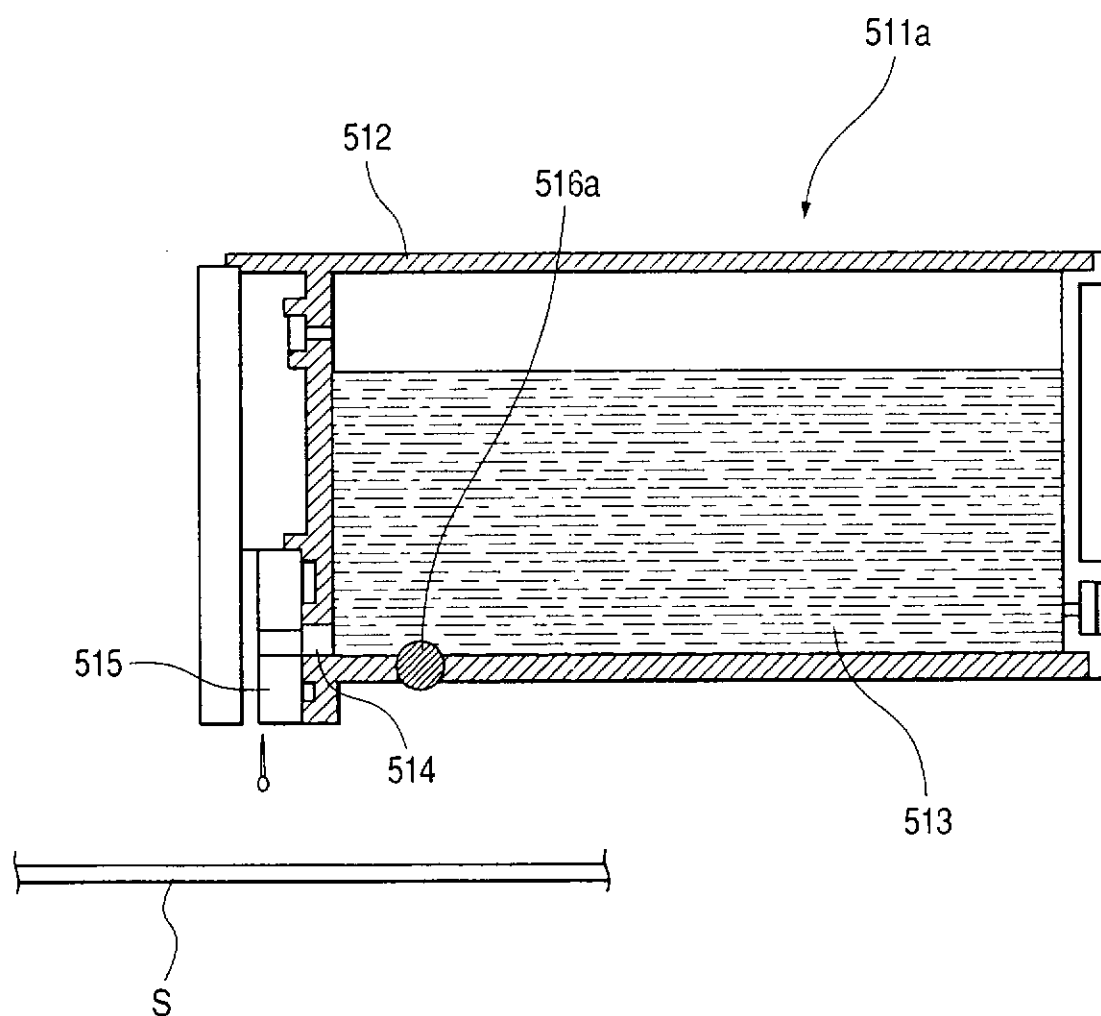
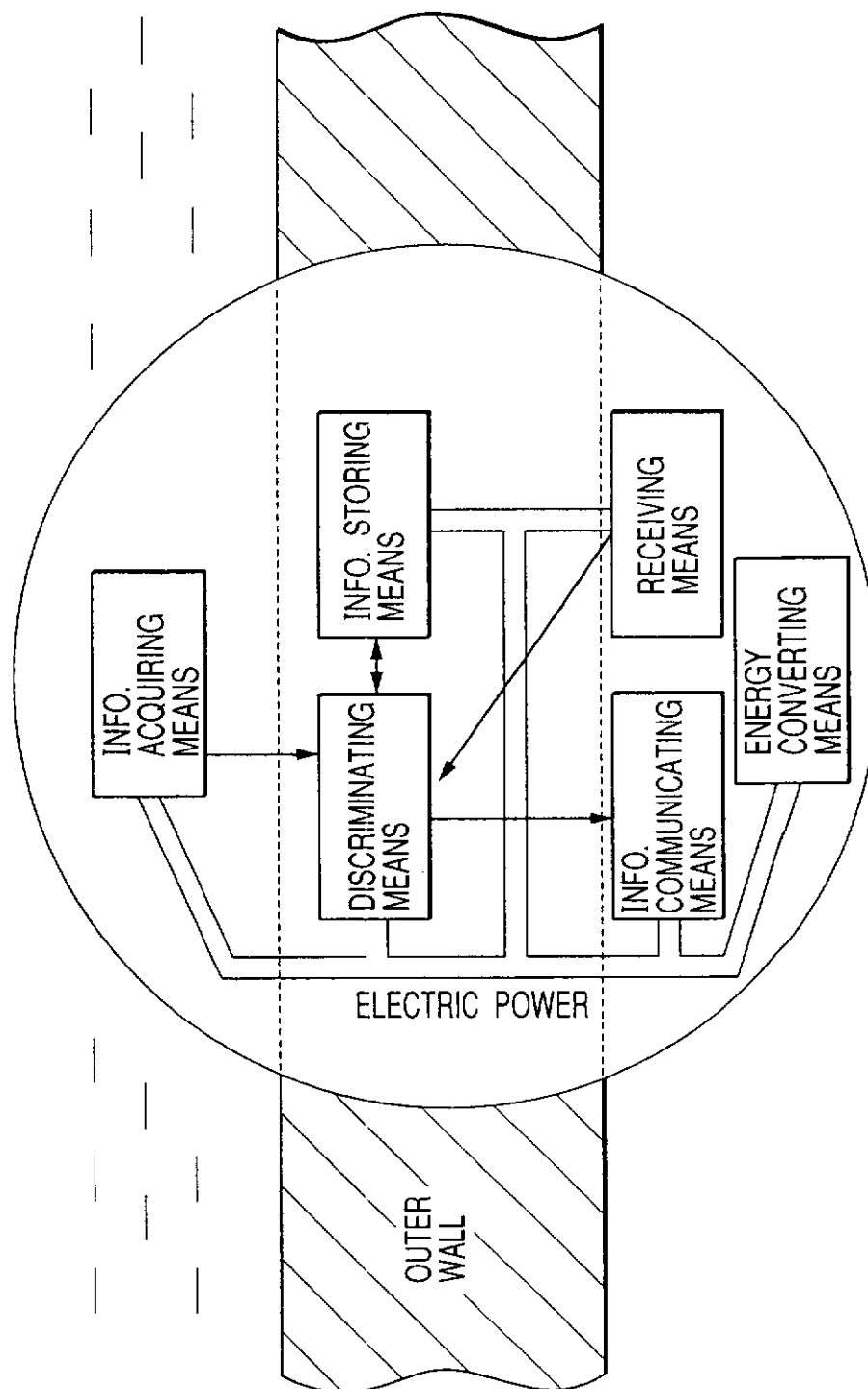
FIG. 11

FIG. 12

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FIG. 13



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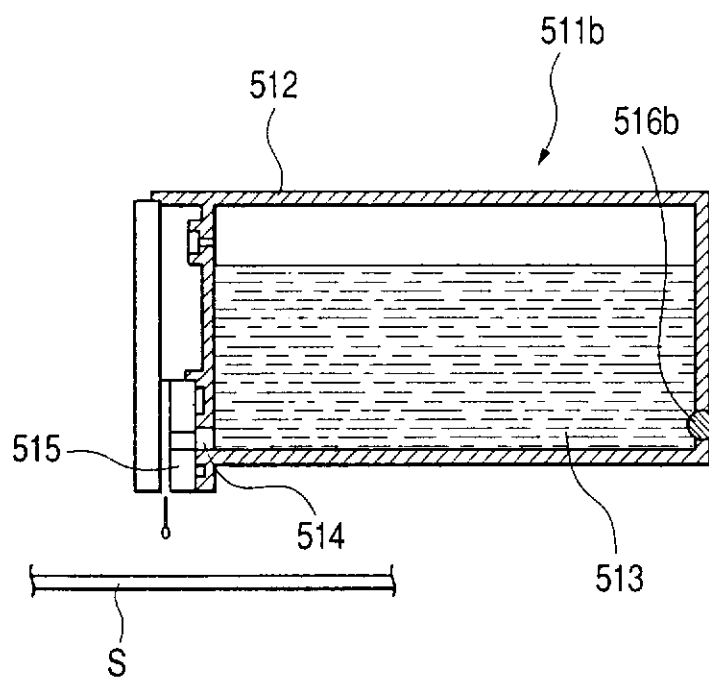
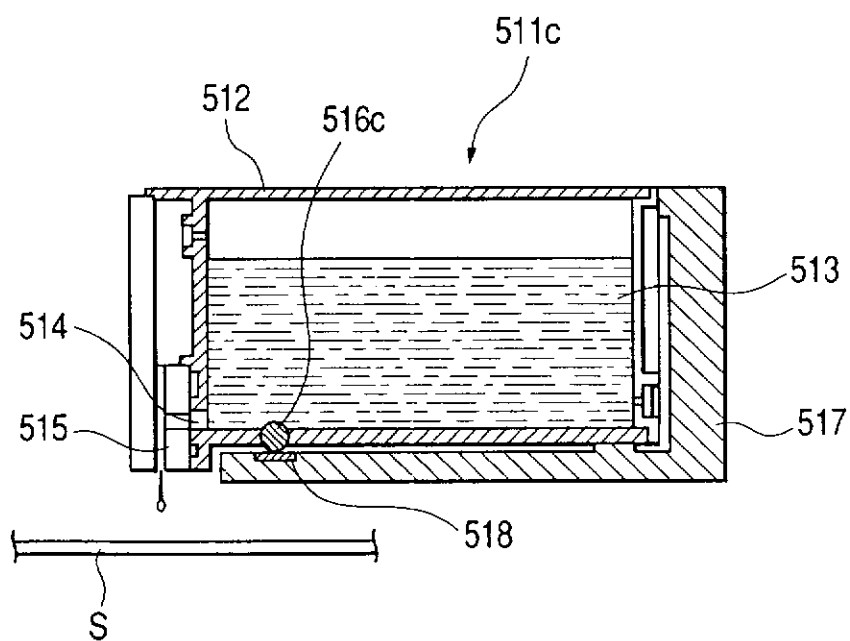
FIG. 14*FIG. 15*

FIG. 16

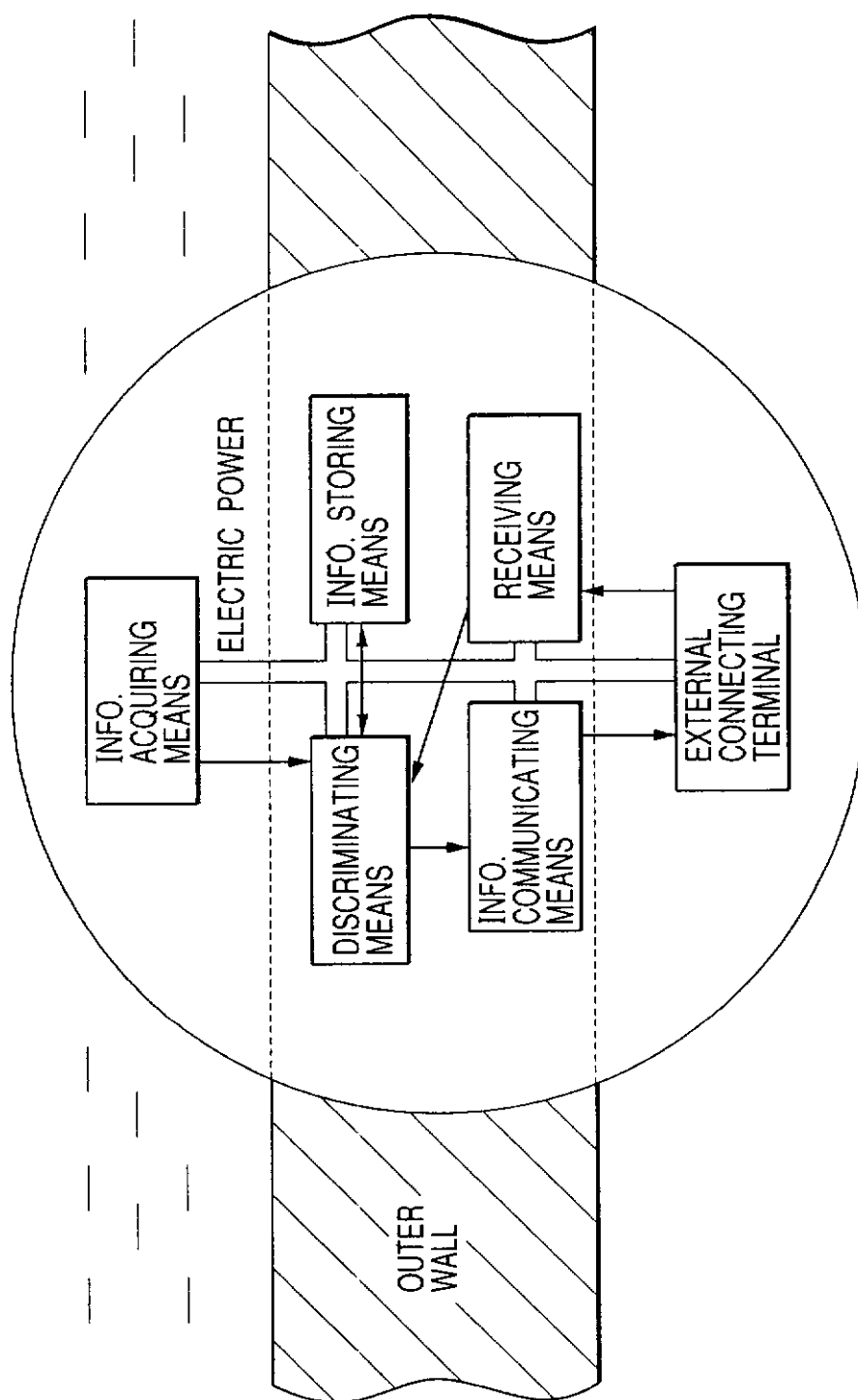


FIG. 17

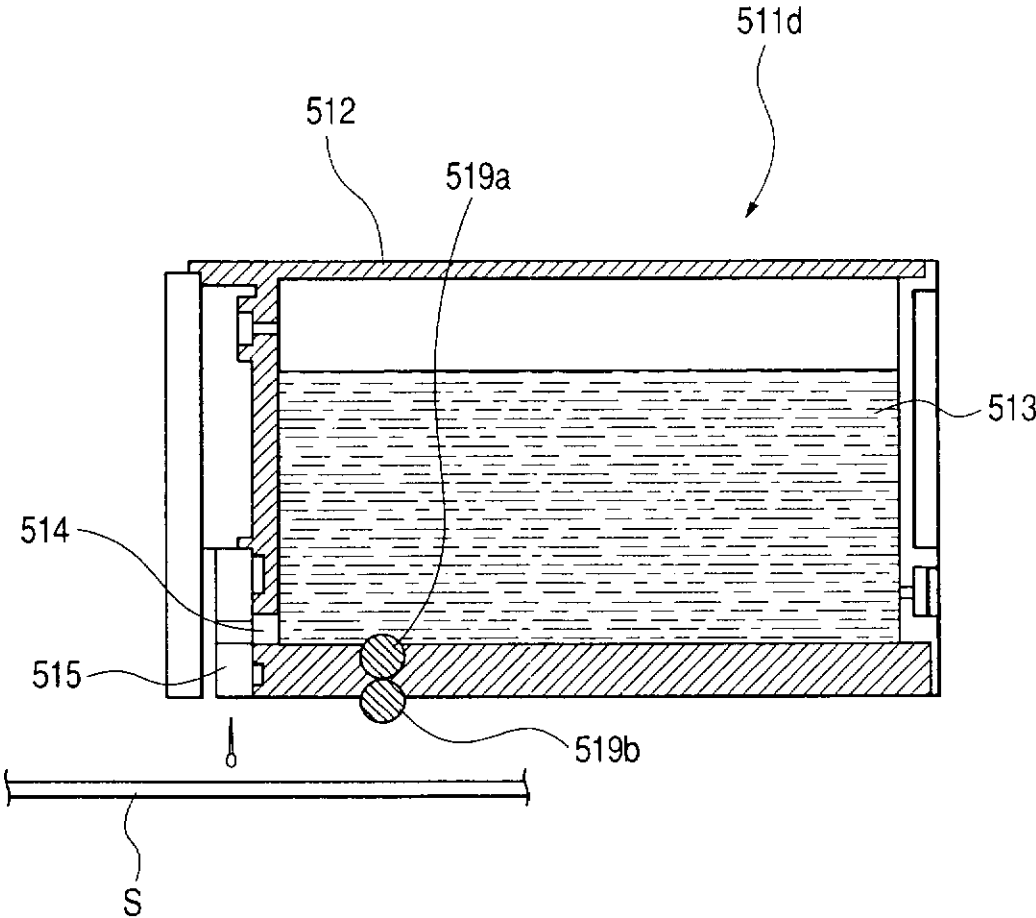


FIG. 18

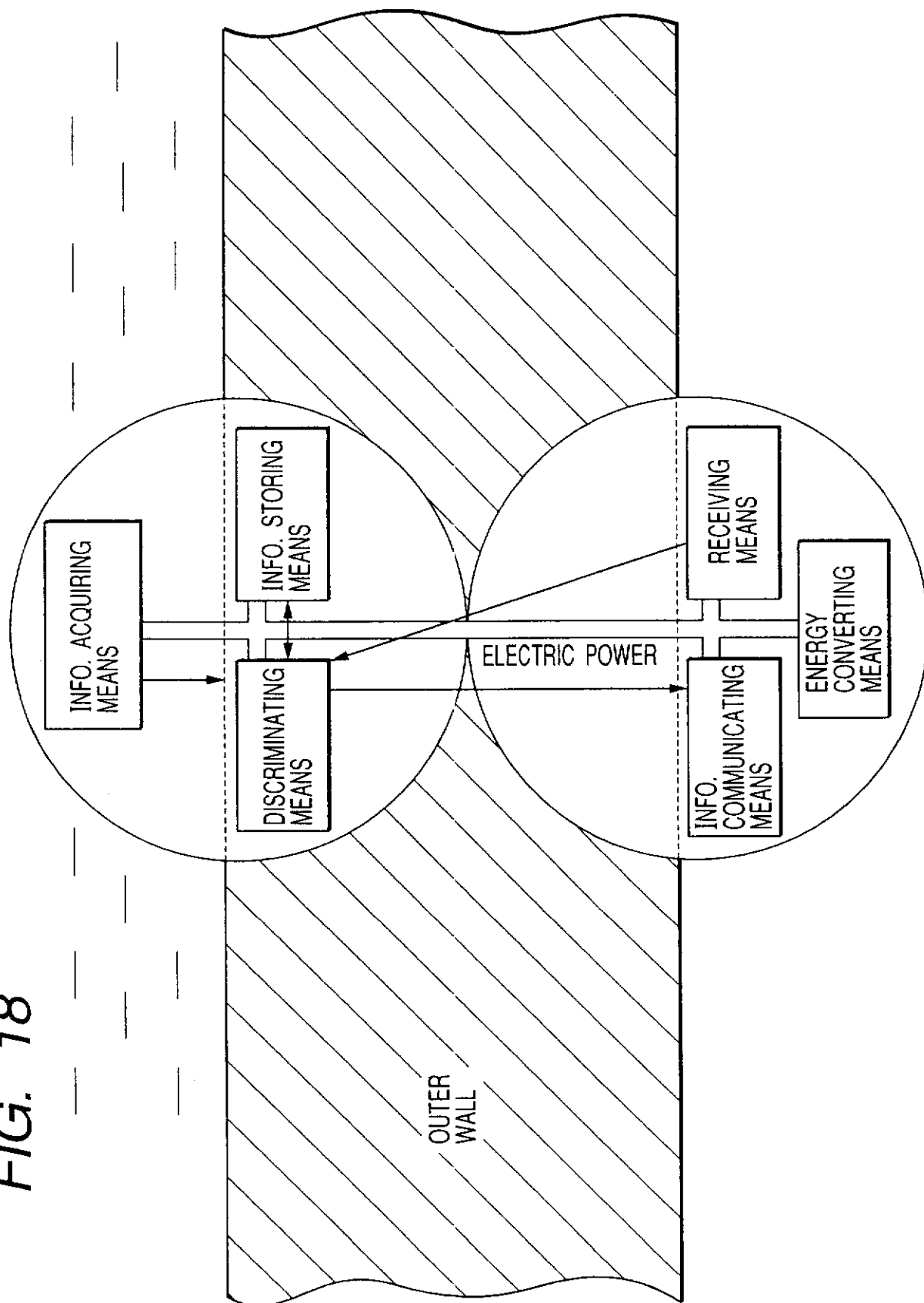
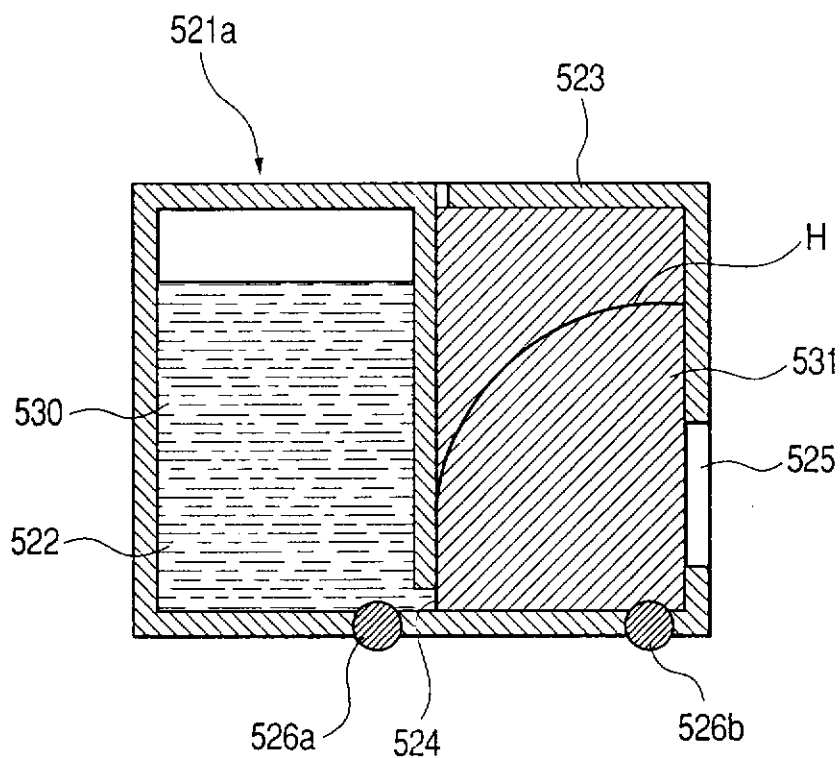
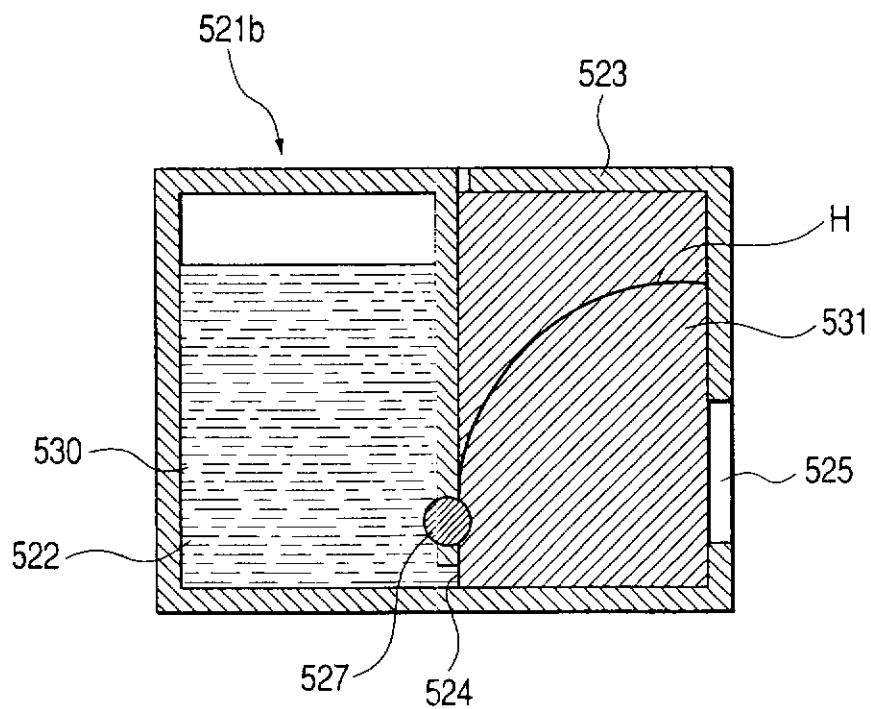


FIG. 19*FIG. 20*

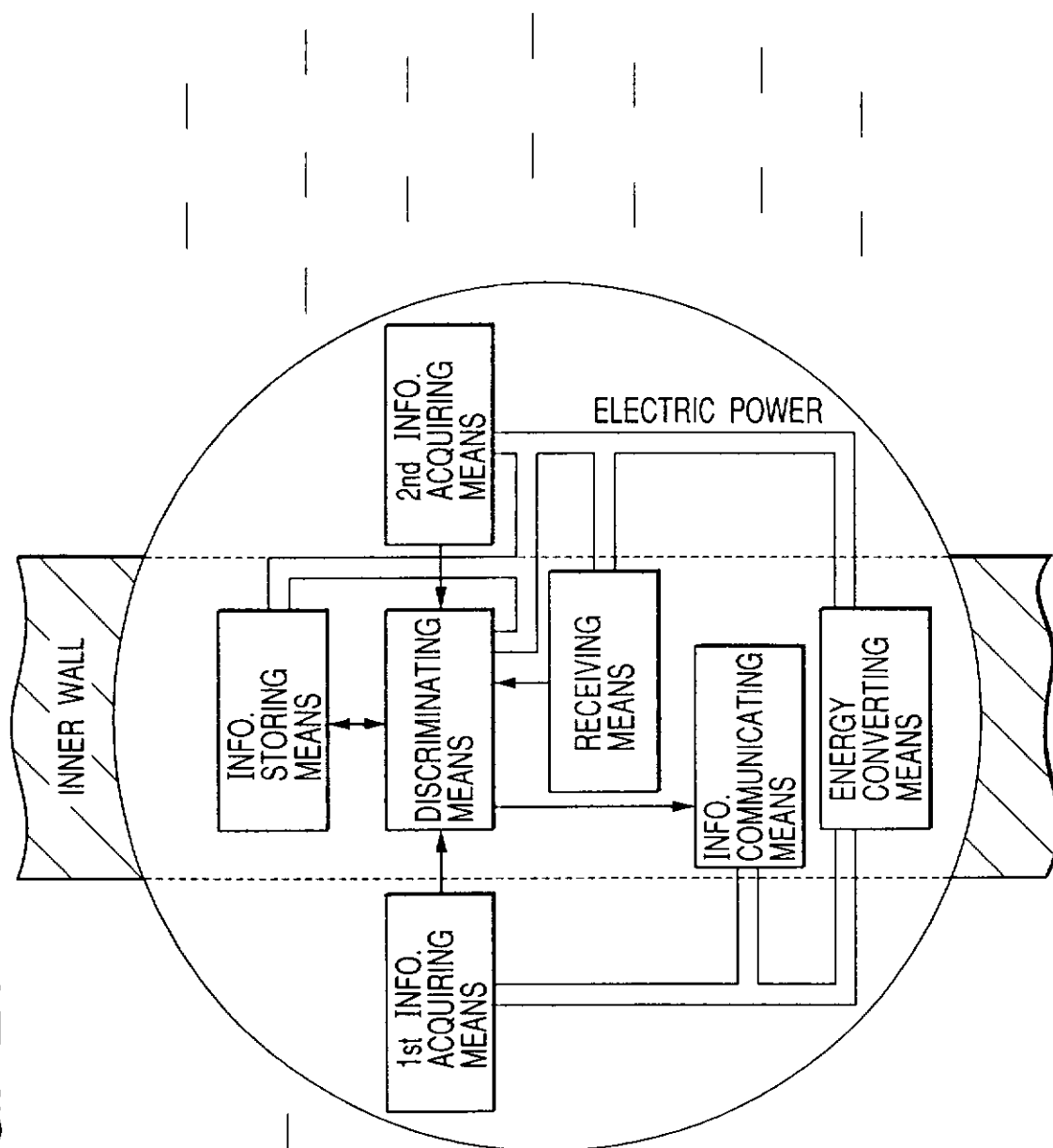


FIG. 21

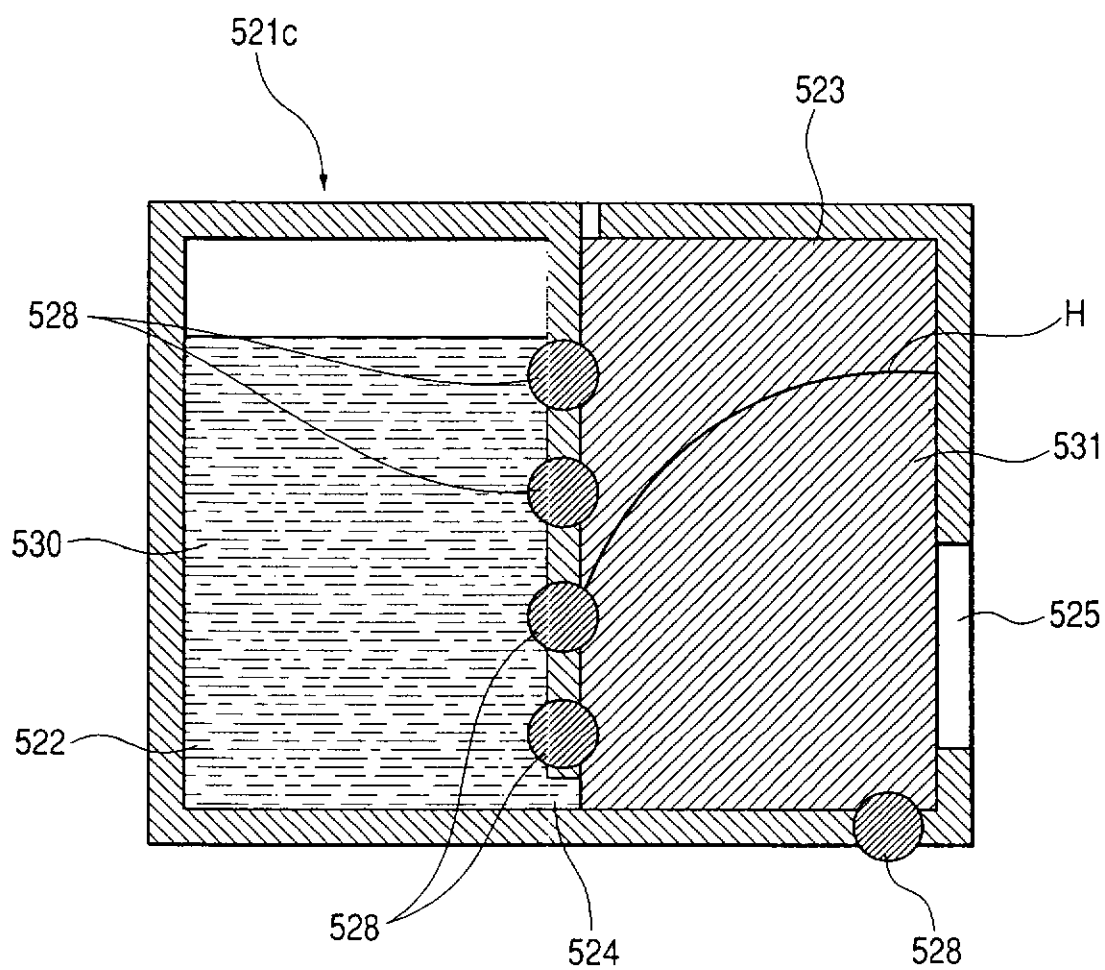
FIG. 22

FIG. 23

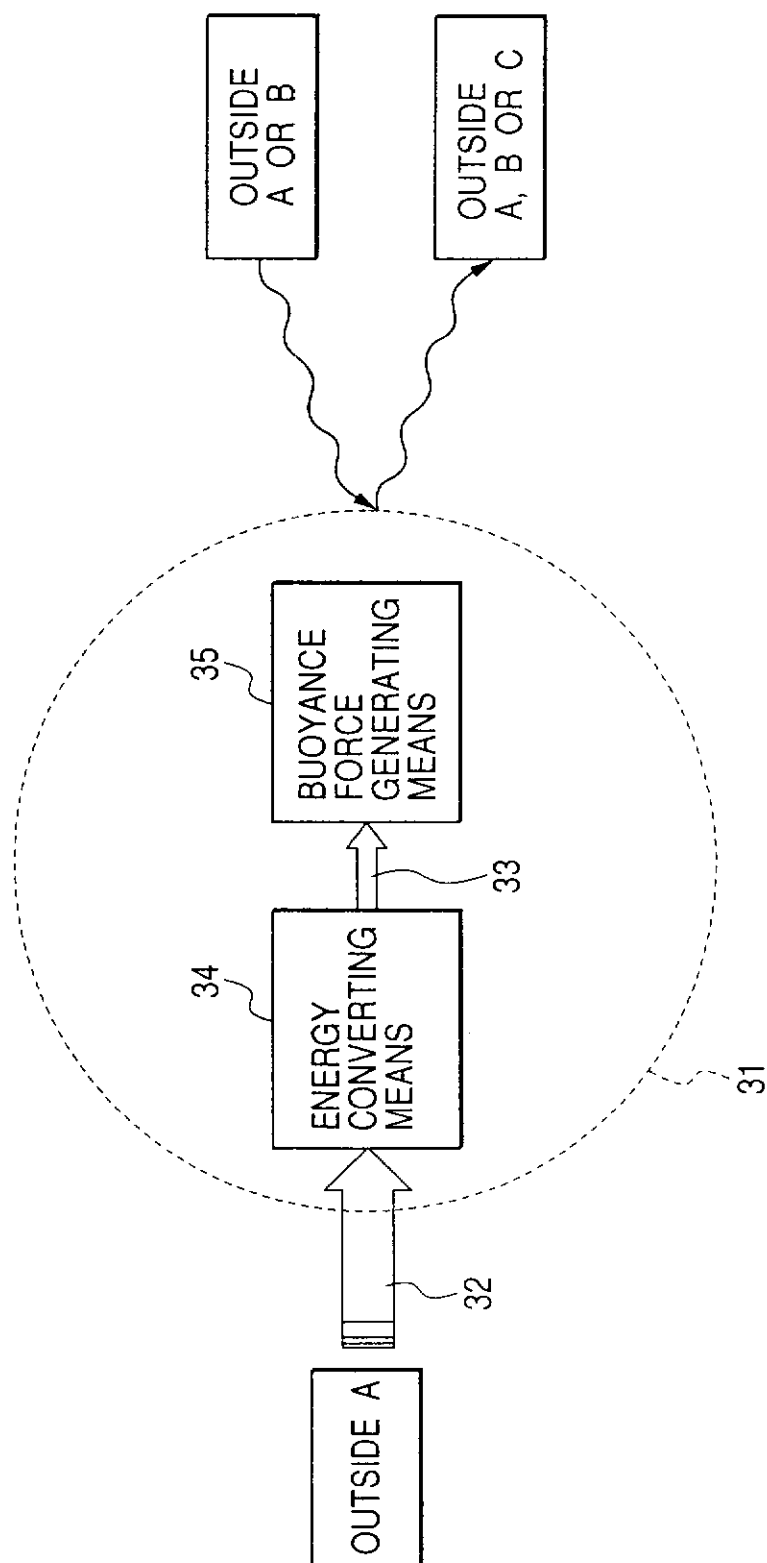


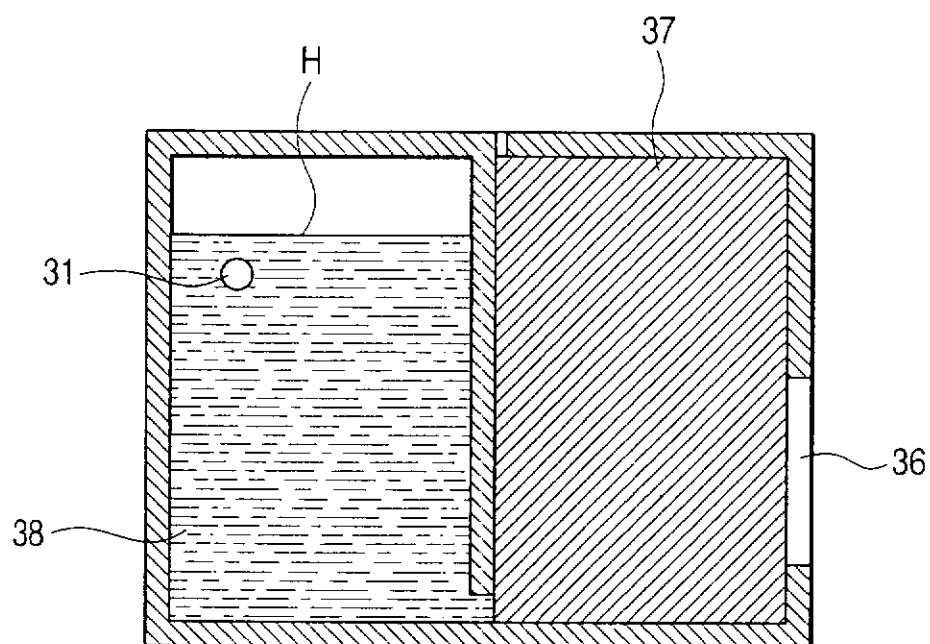
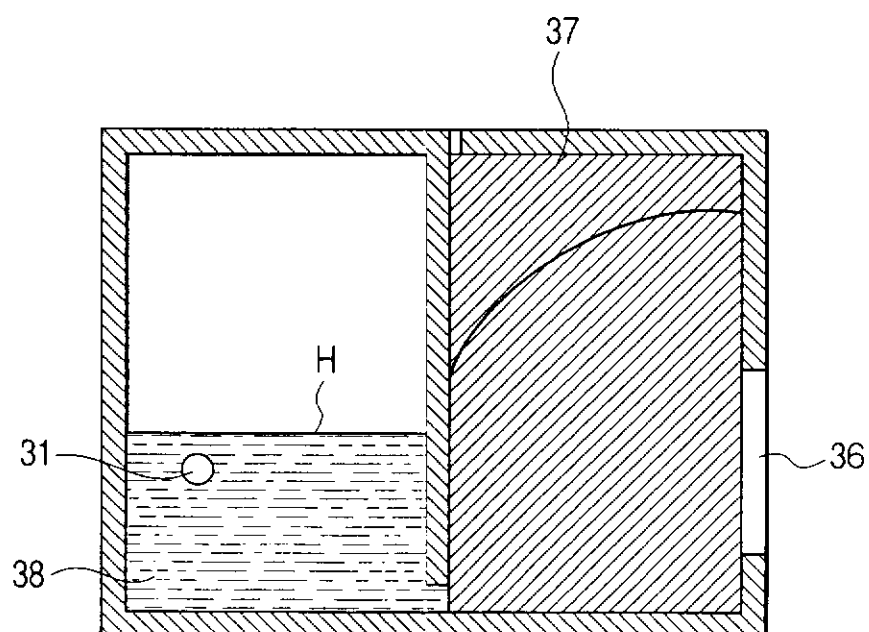
FIG. 24A*FIG. 24B*

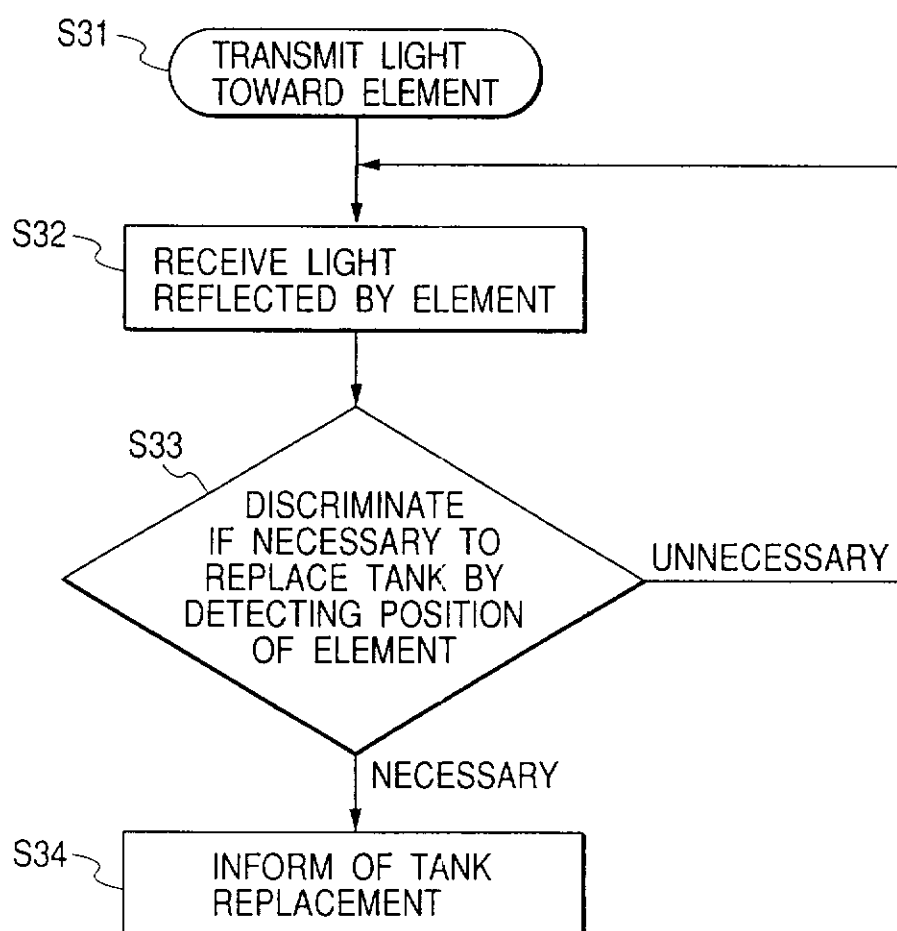
FIG. 25

FIG. 26A

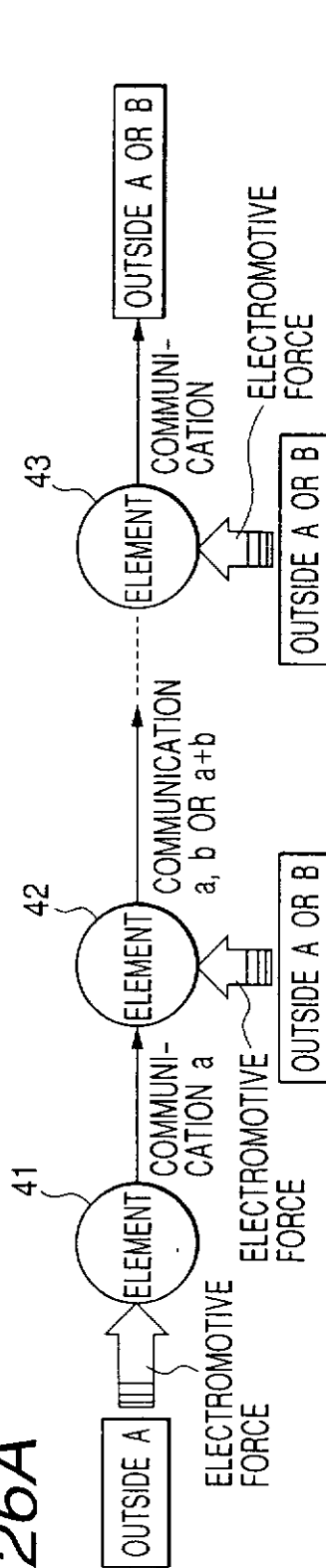


FIG. 26B

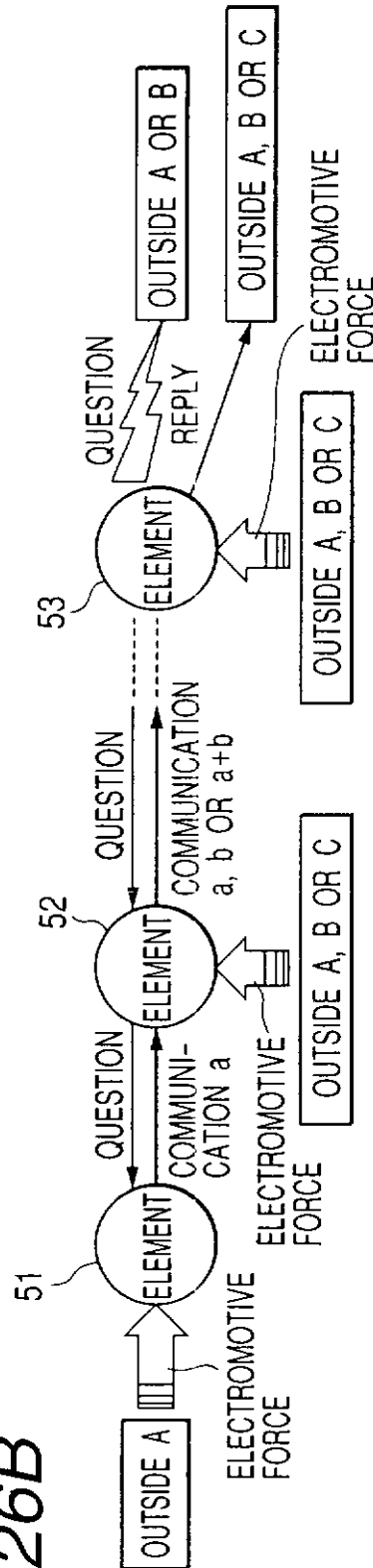


FIG. 26C

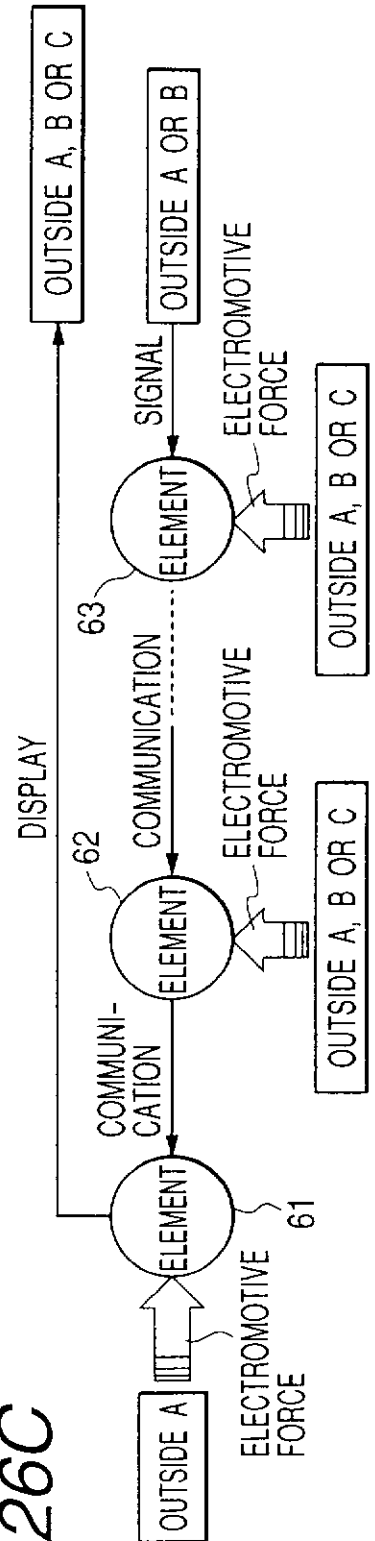


FIG. 27

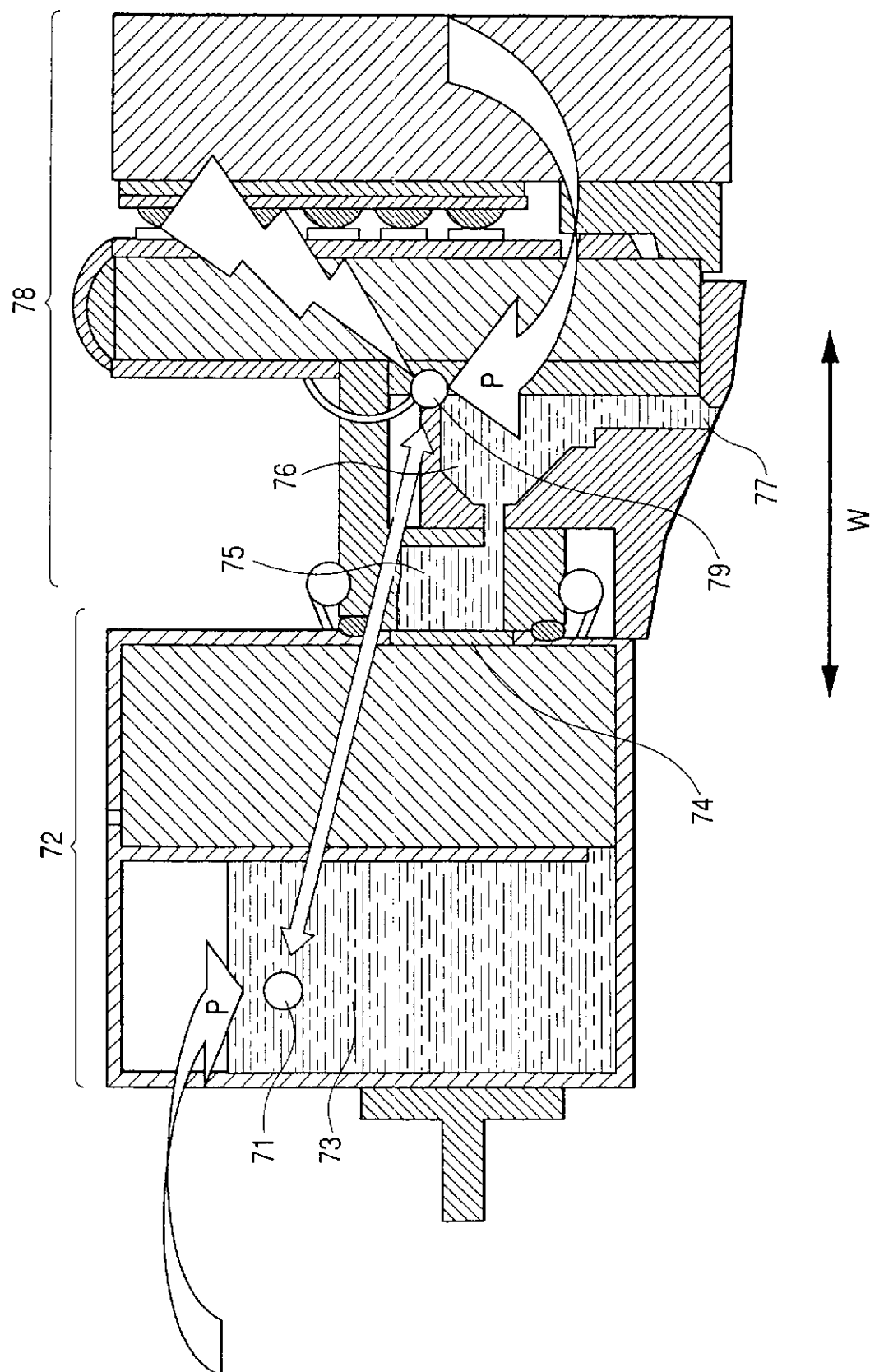
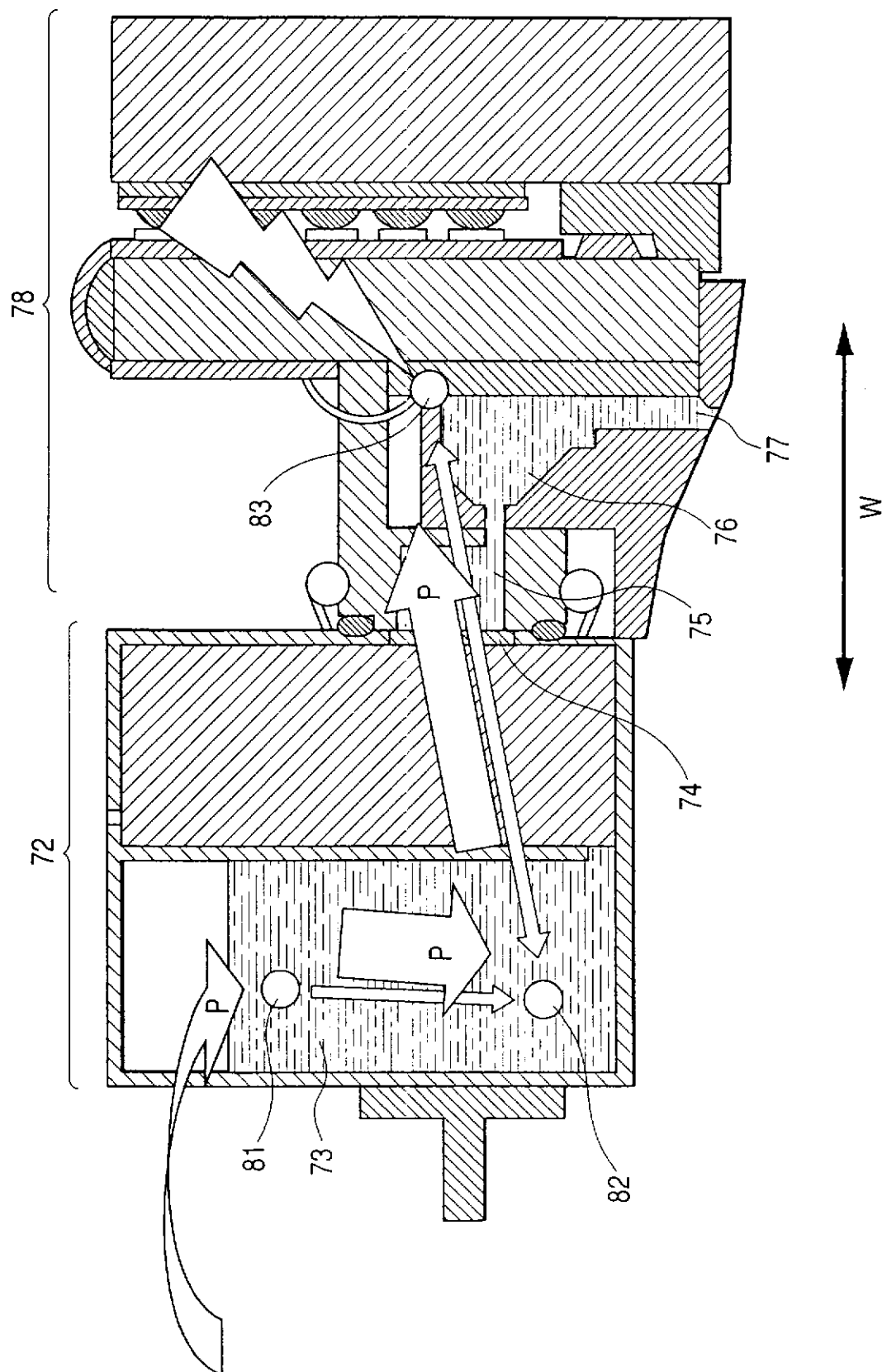
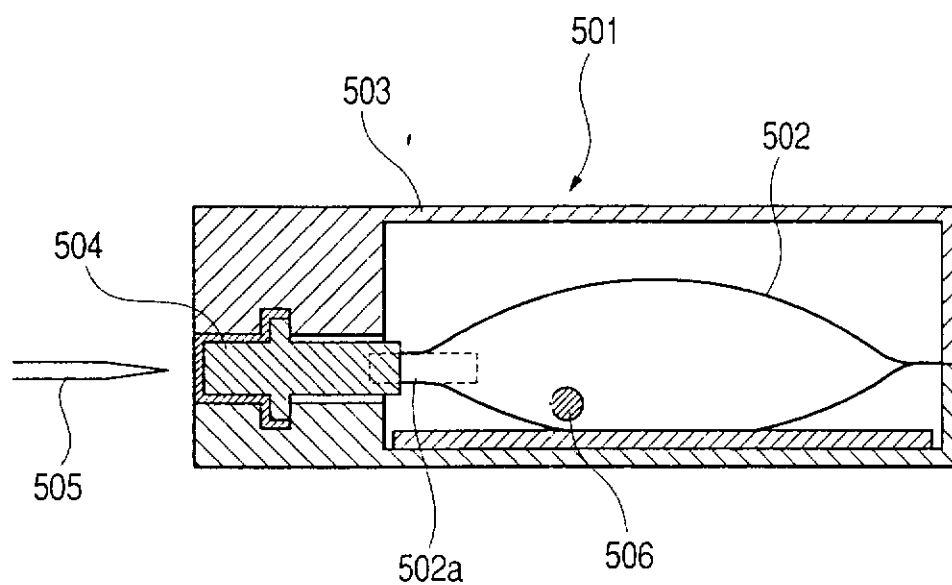
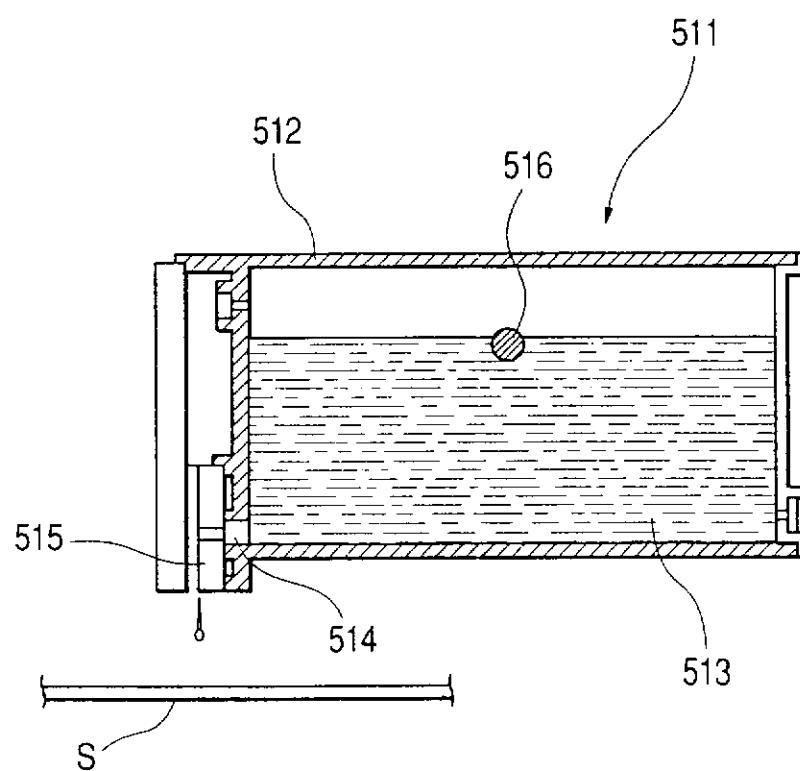


FIG. 28



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FIG. 29*FIG. 30*

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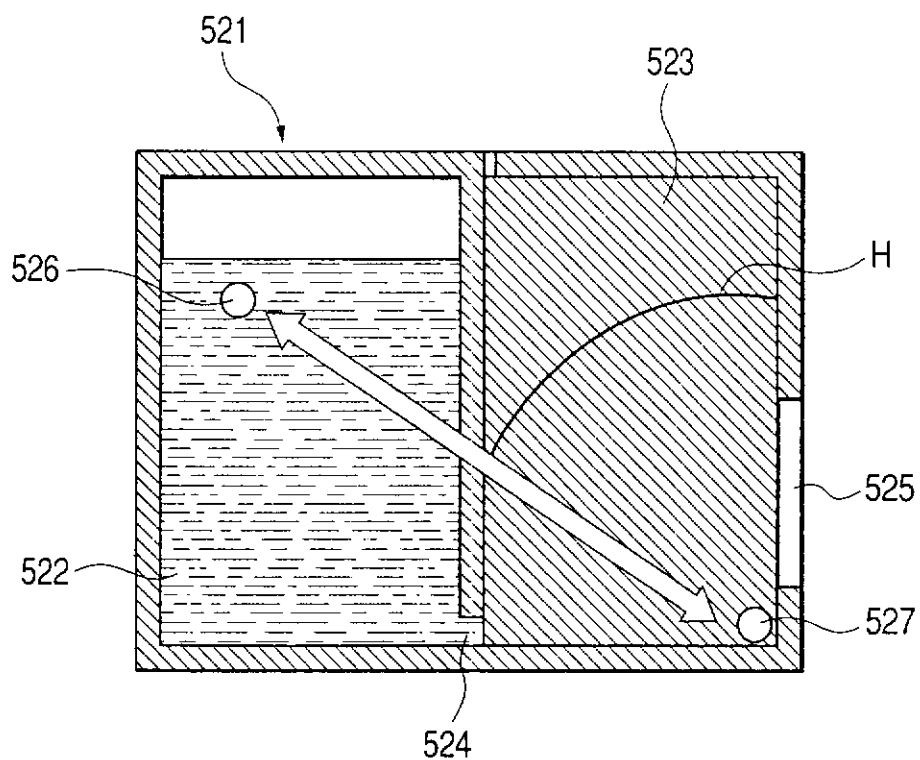
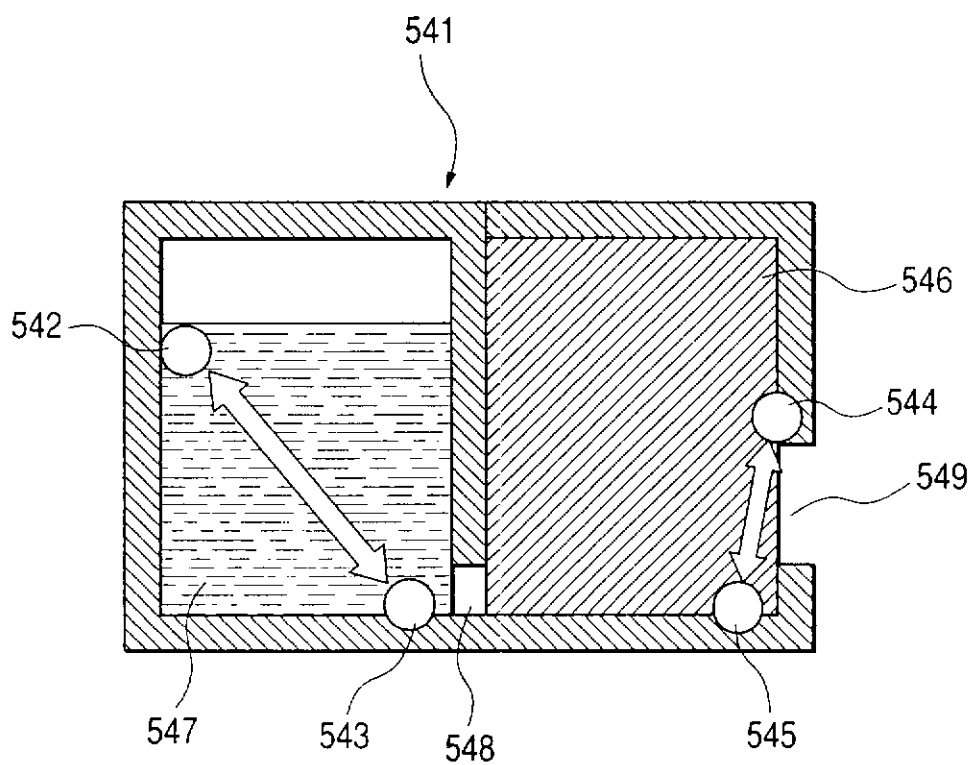
FIG. 31*FIG. 32*

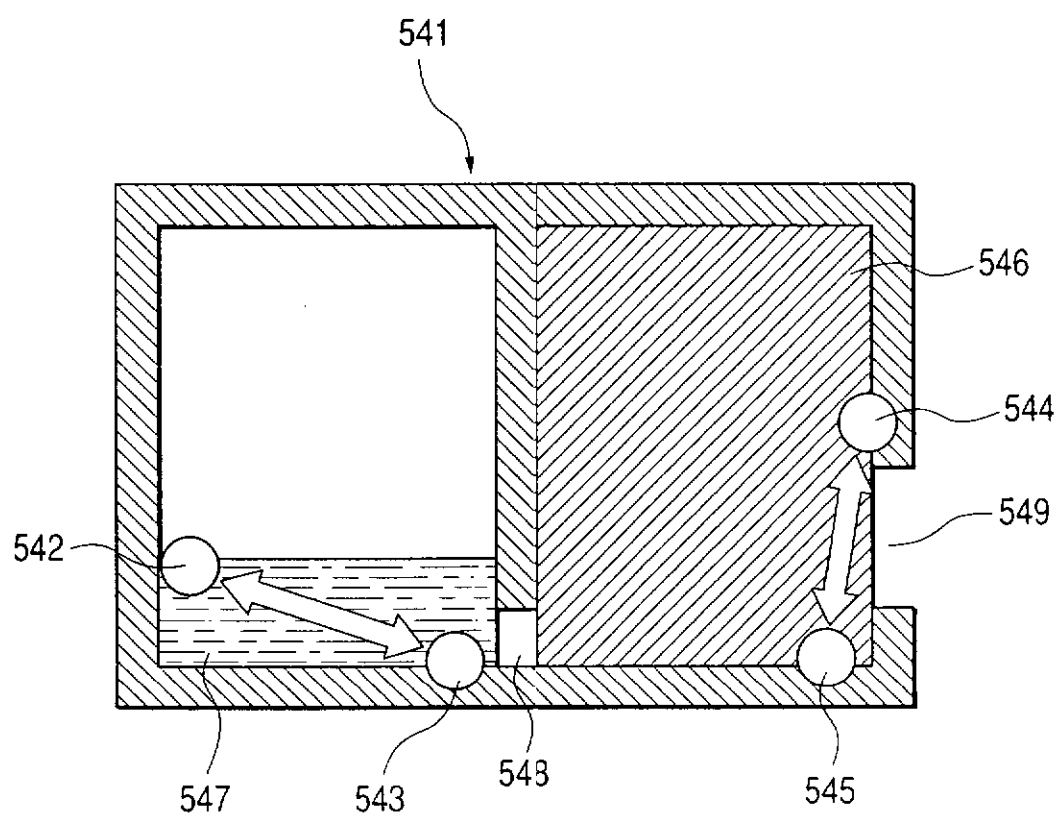
FIG. 33

FIG. 34

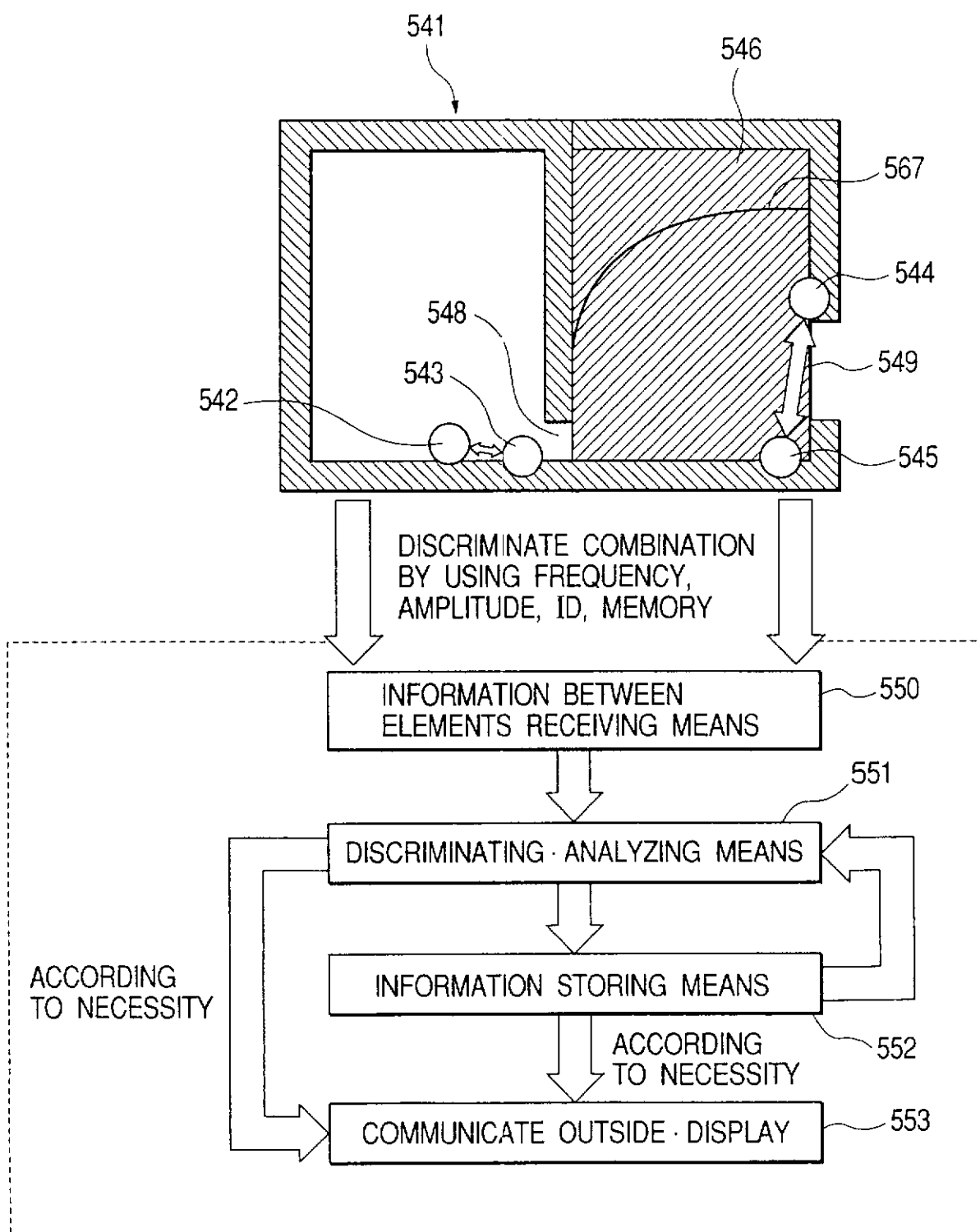


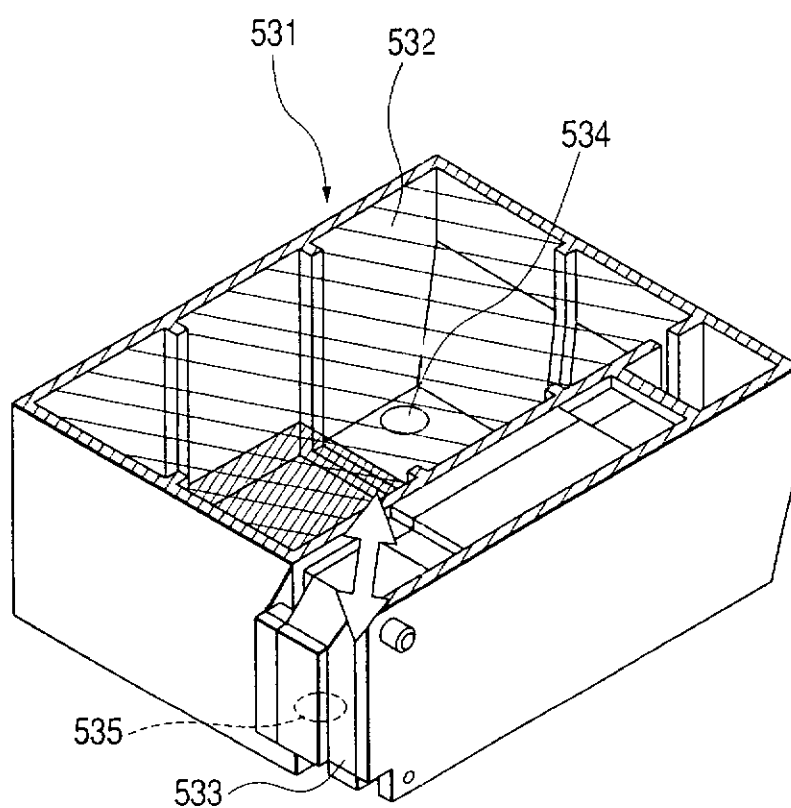
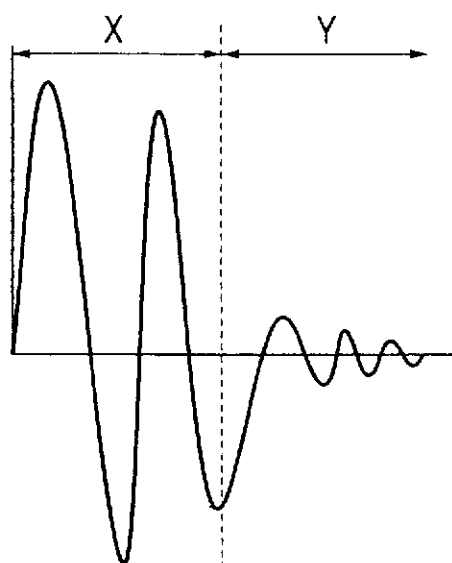
FIG. 35

FIG. 36A

X (INK) & Y (INK+NEGATIVE
PRESSURE GENERATING MEMBER)
ARE DIFFERENT IN MEDIUM THEREIN

X IS DIFFERENT IN ATTENUATION
AMOUNT FROM Y

DIFFICULT FOR CONTROLLING
ENVIRONMENT DETECTION BECAUSE
OF DIFFERENCE OF ATTENUATION
AMOUNT

ENVIRONMENTAL DETECTION
BECOMES EASY IF MEDIUM
THEREIN IS SAME

POSITION PLURALITY OF SOLID
SEMICONDUCTORS IN EACH OF
X & Y AND CORRECT EACH DATA
TO COMPARE THEM

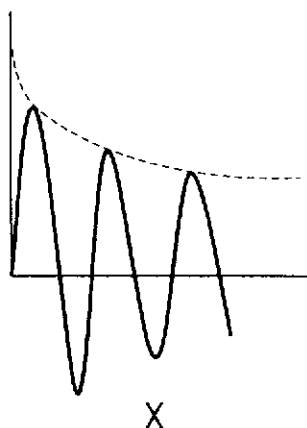
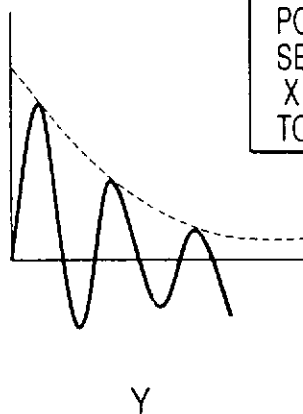
FIG. 36B*FIG. 36C*

FIG. 37A

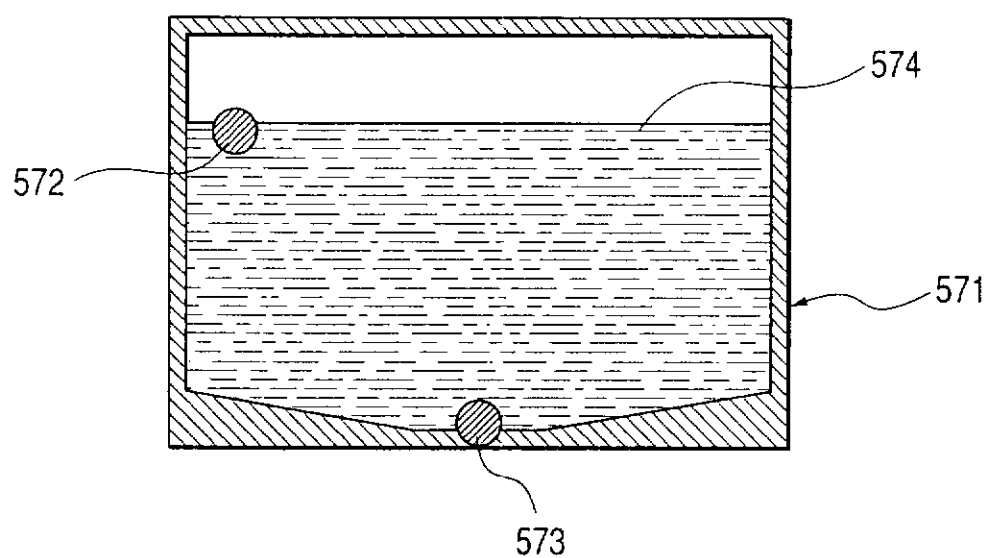


FIG. 37B

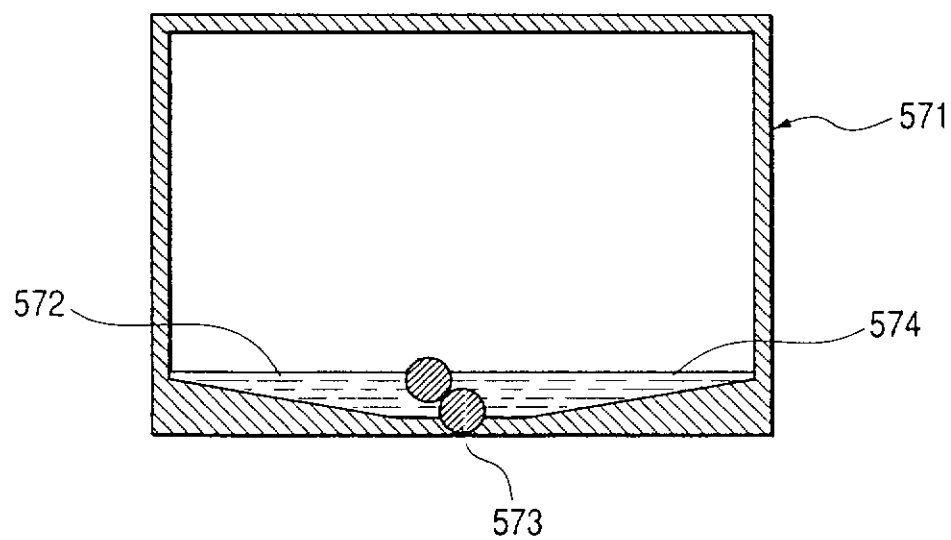


FIG. 38

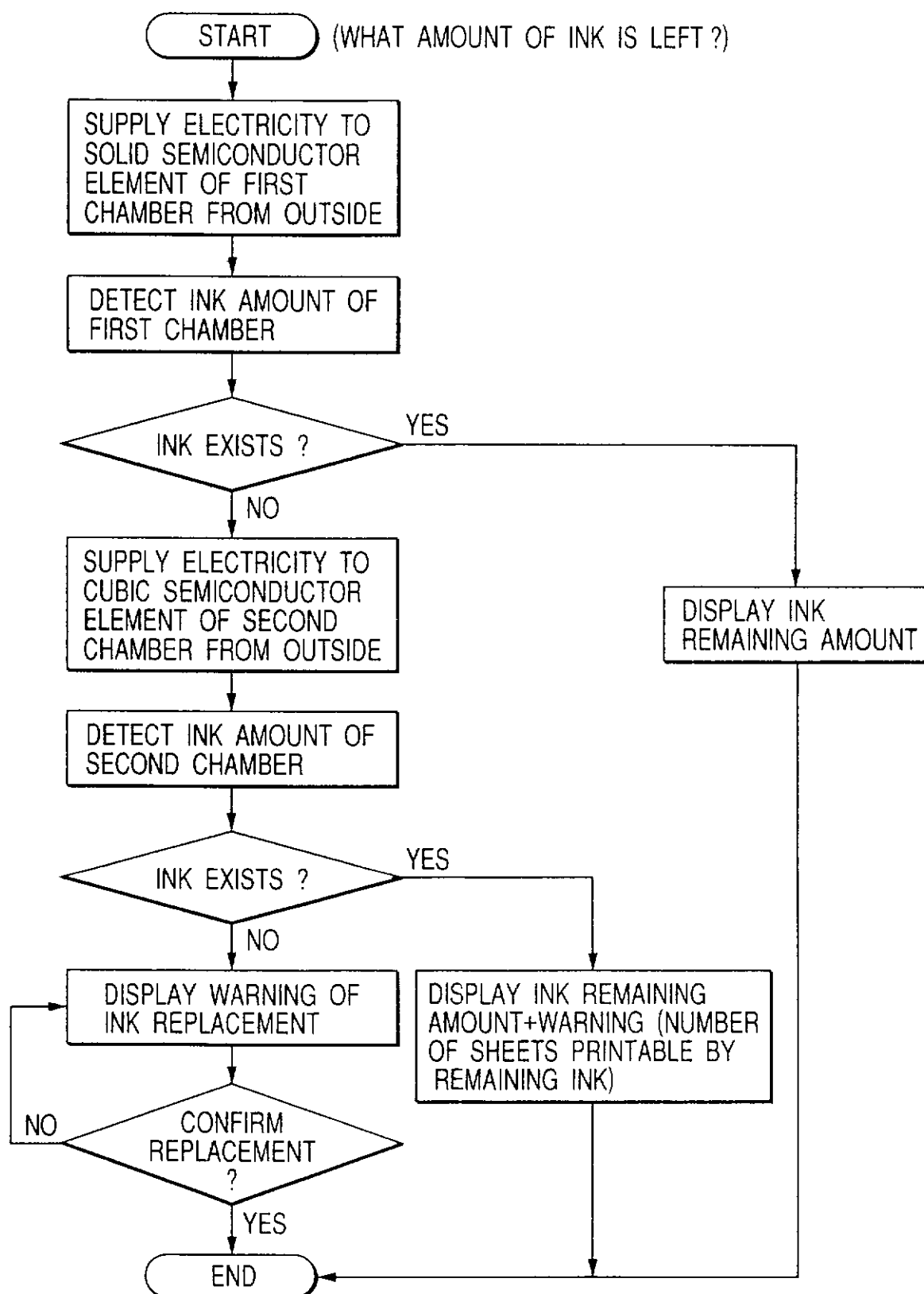


FIG. 39A

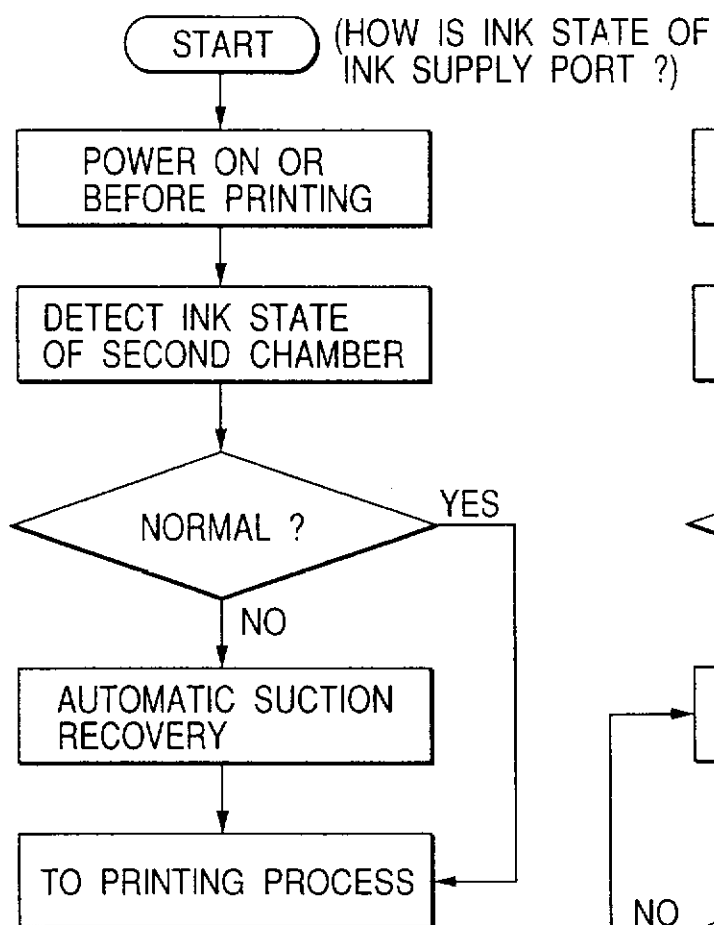
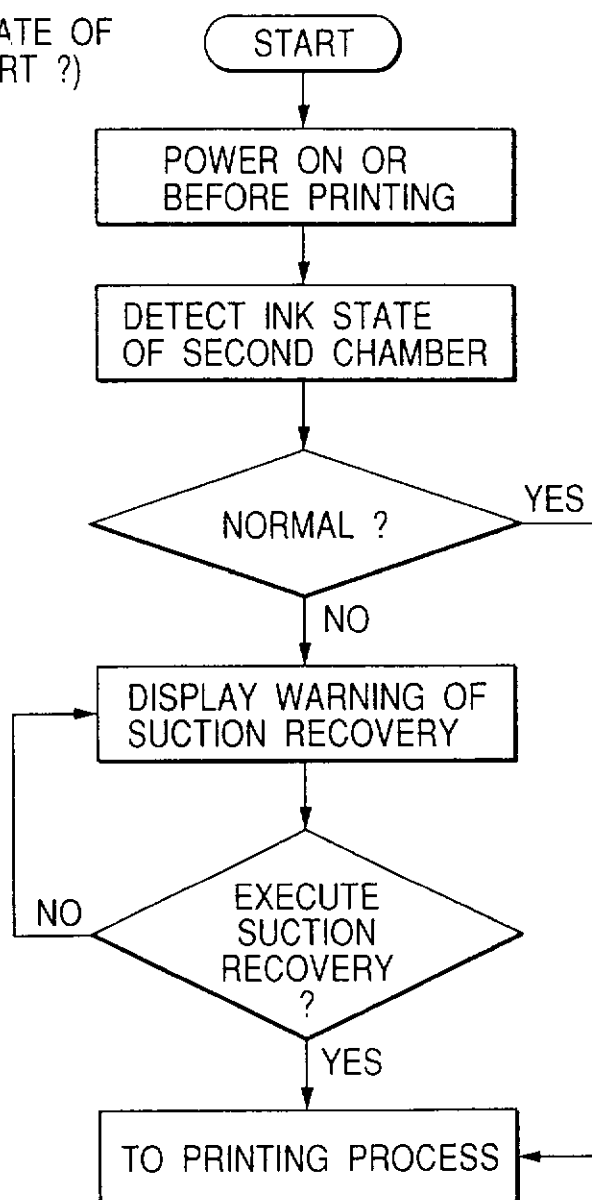


FIG. 39B



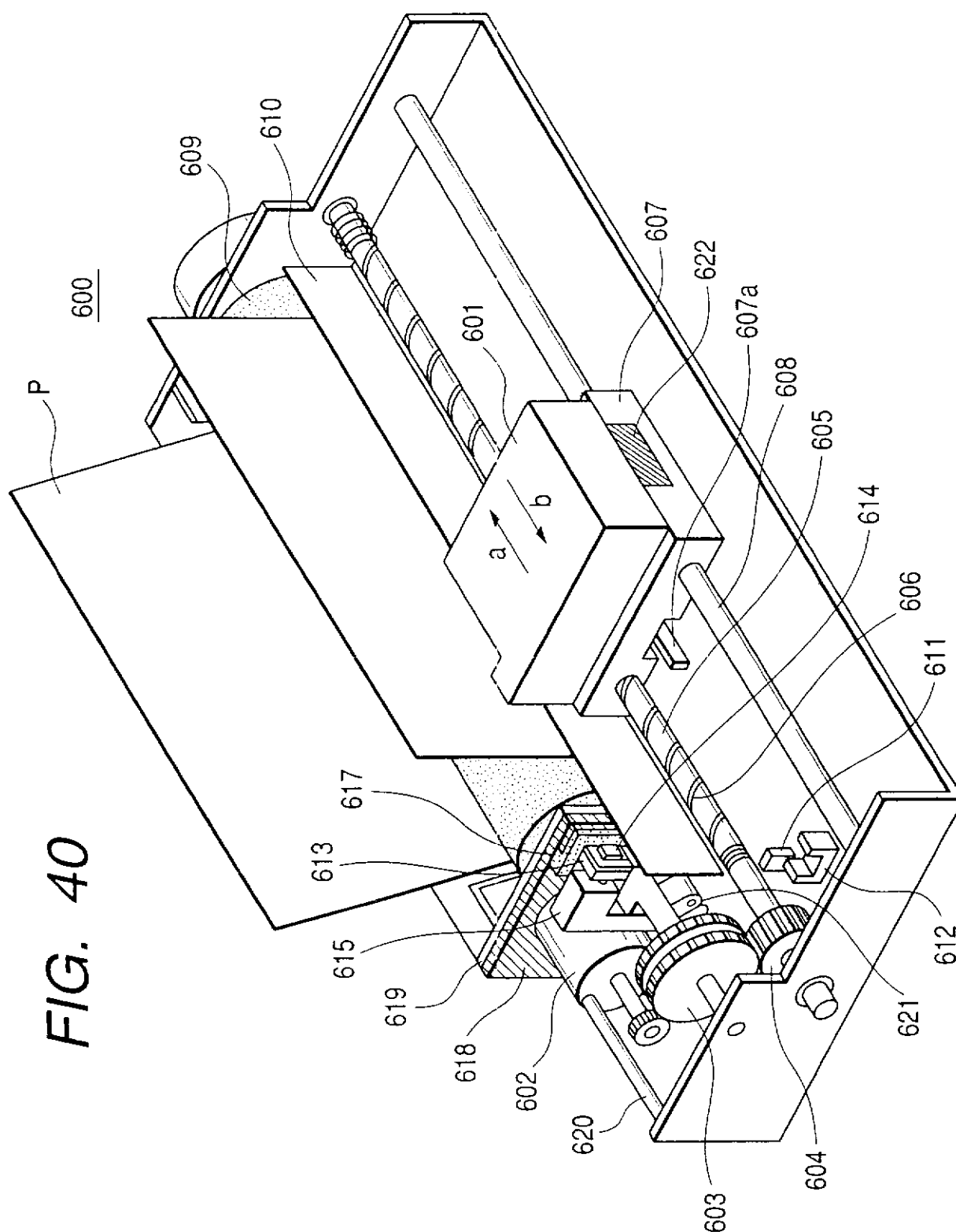
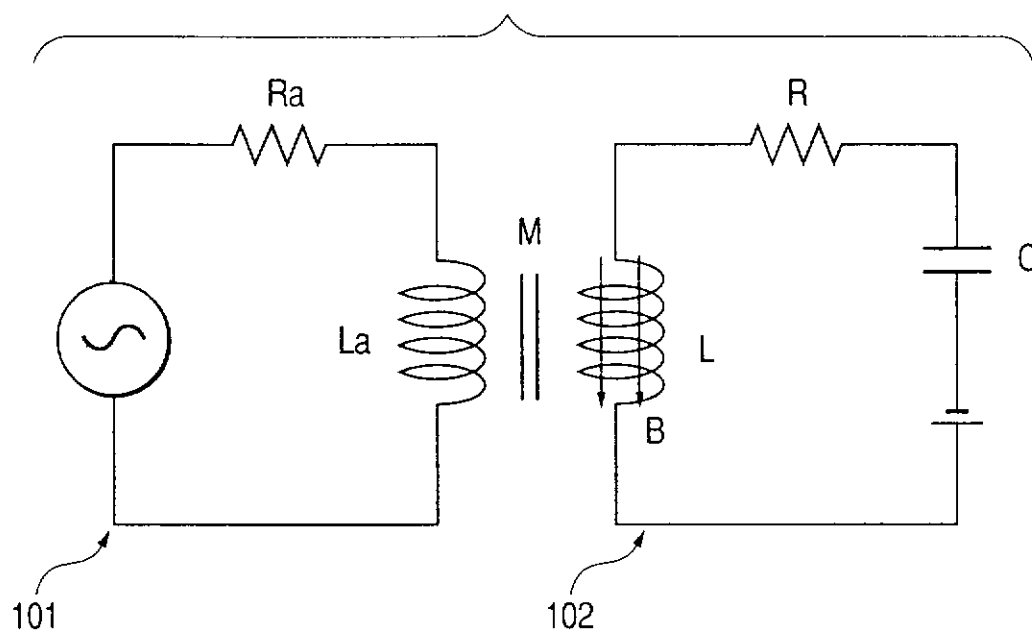


FIG. 41

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FIG. 42

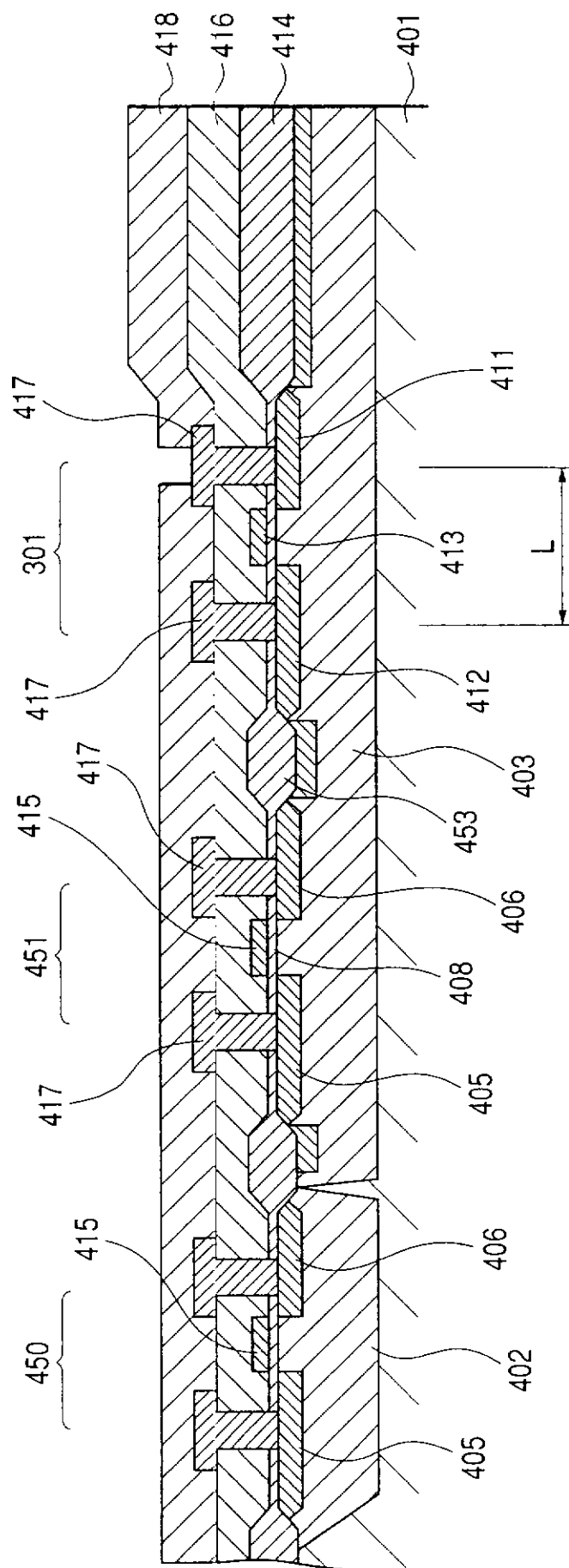


FIG. 43

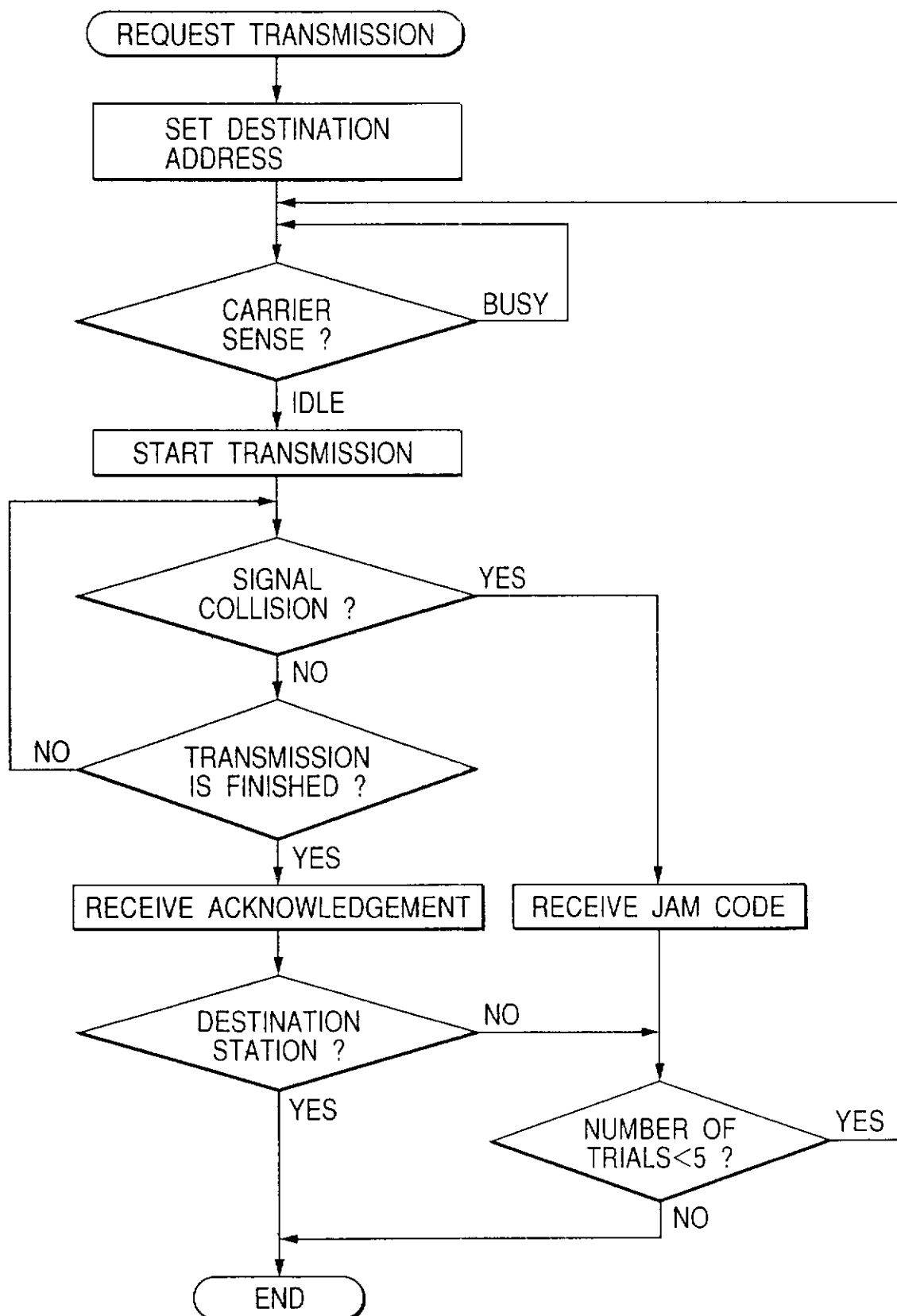


FIG. 44

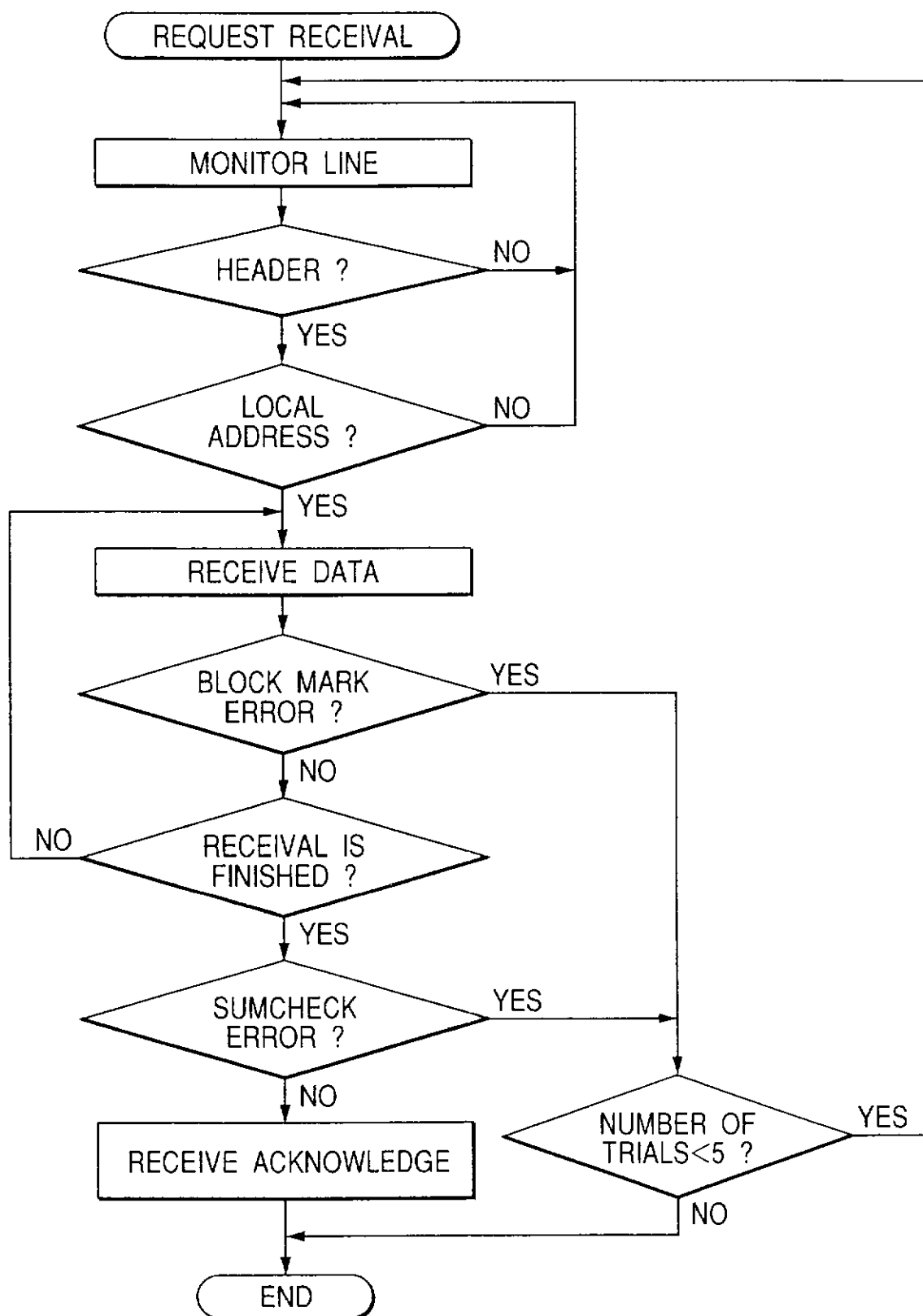


FIG. 45A

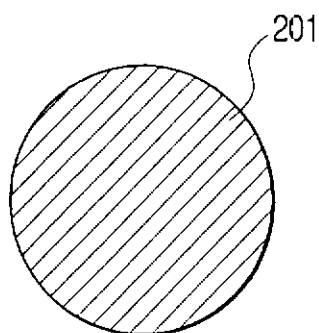


FIG. 45B

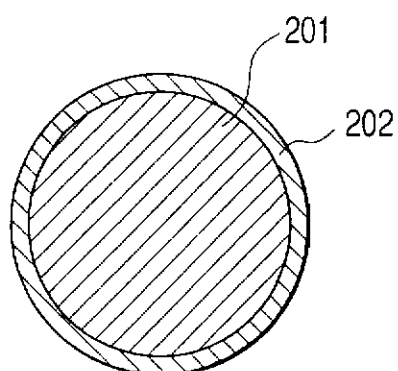


FIG. 45C

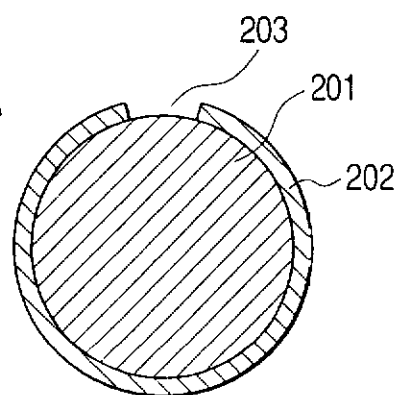


FIG. 45D

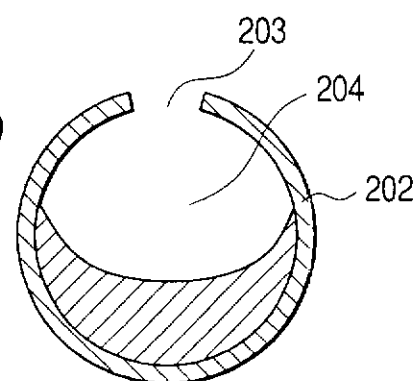


FIG. 45E

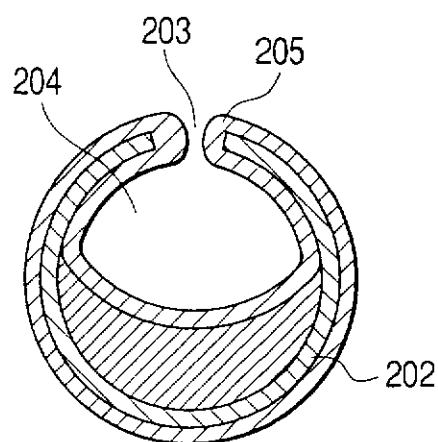


FIG. 45F

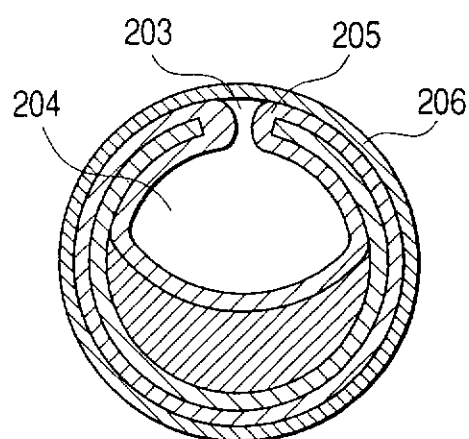


FIG. 45G

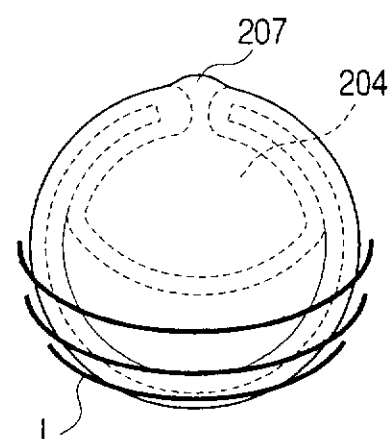


FIG. 46B

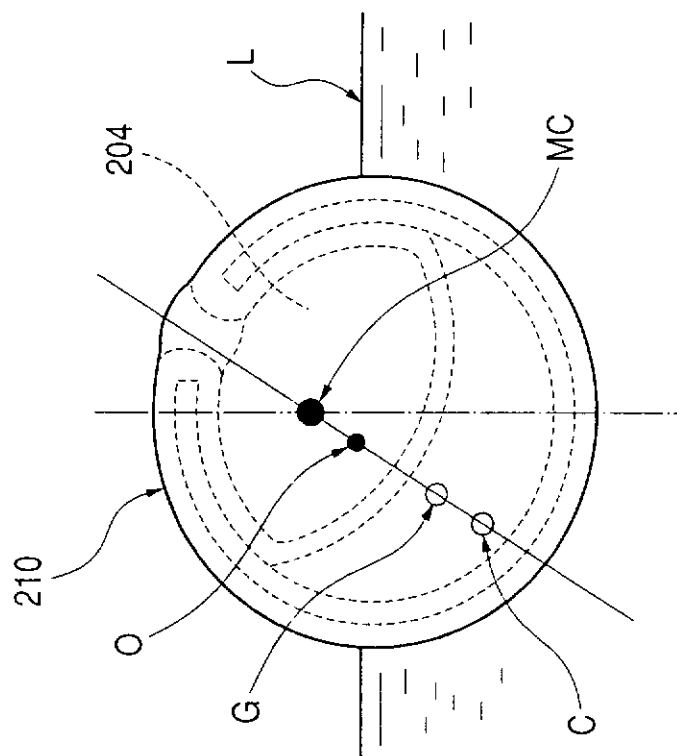


FIG. 46A

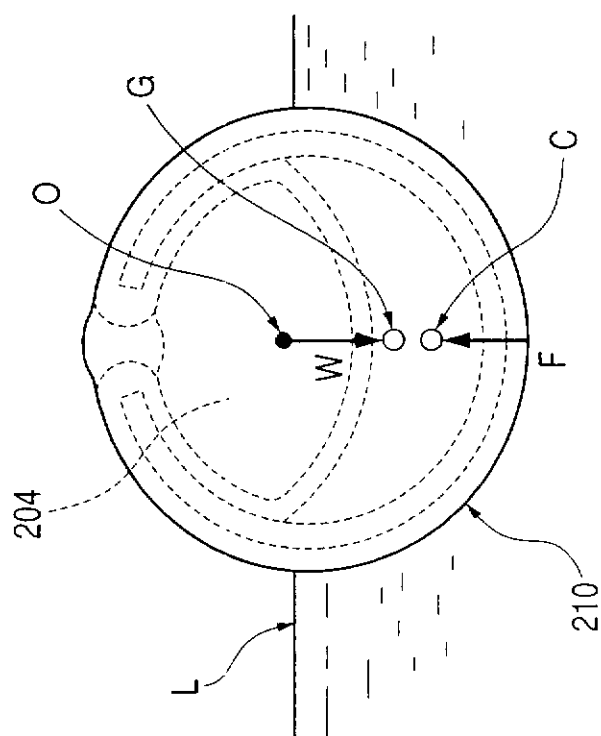


FIG. 47

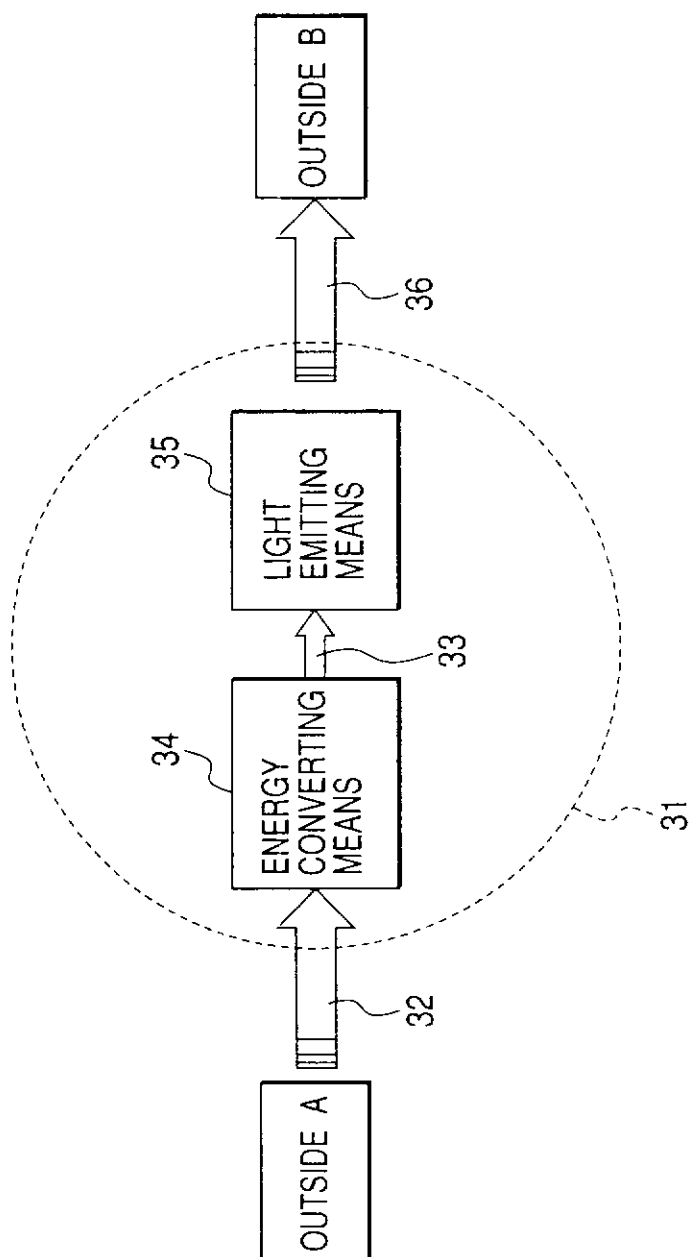


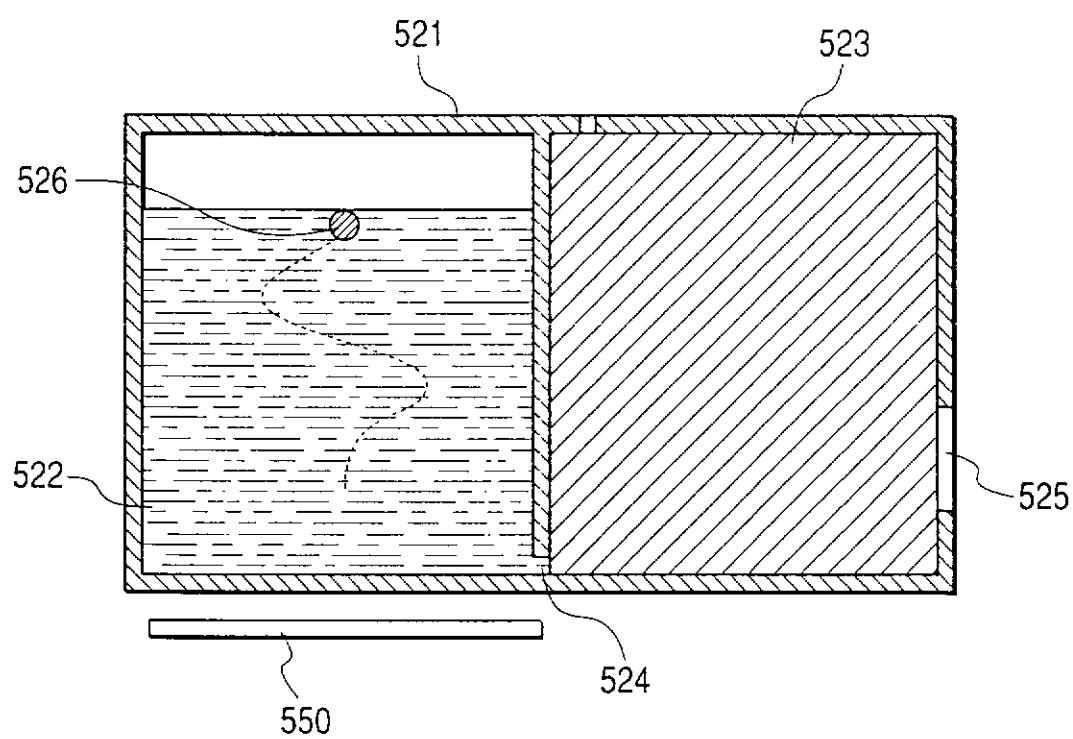
FIG. 48

FIG. 49