

FIG. 1

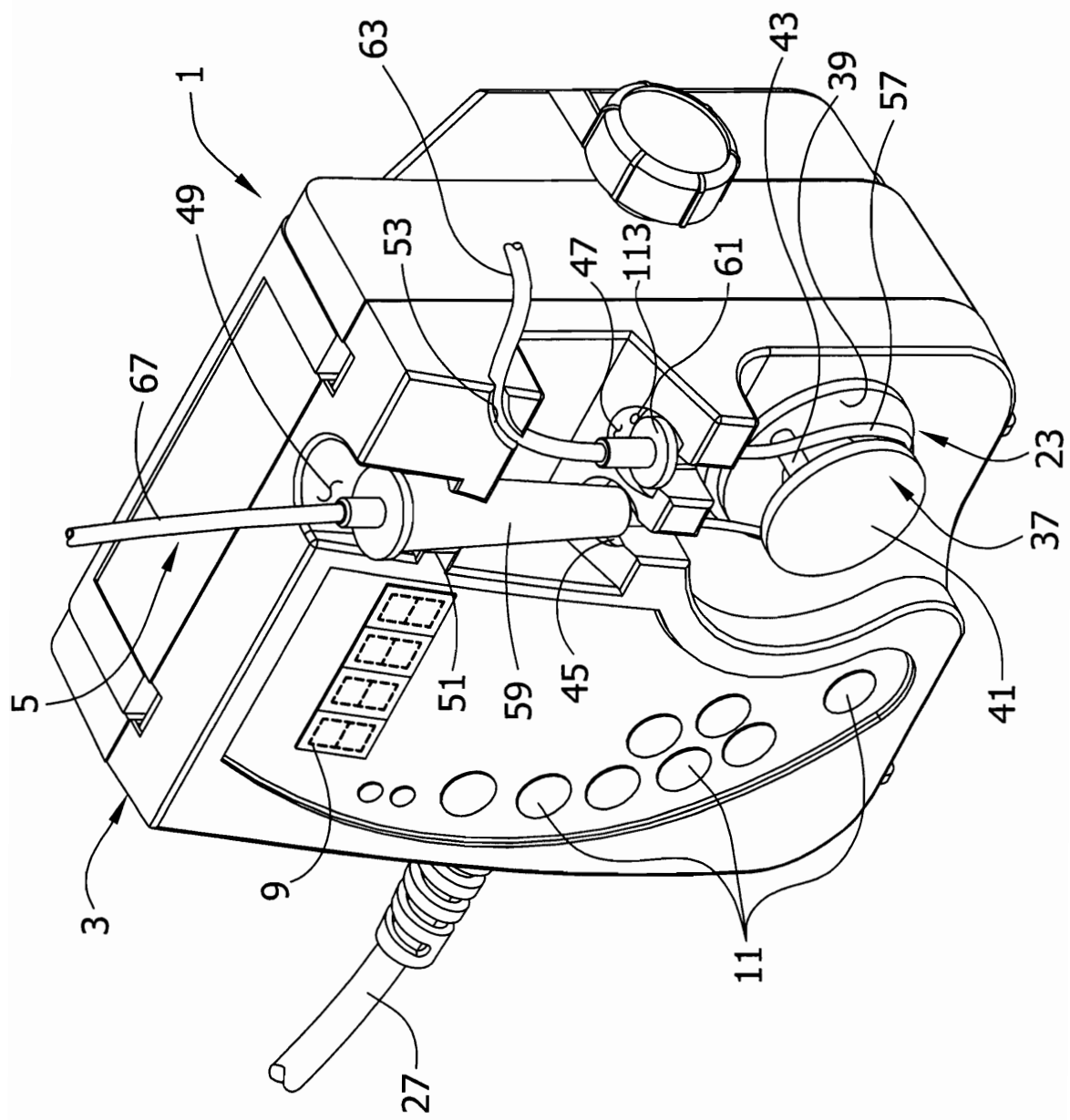


FIG. 2

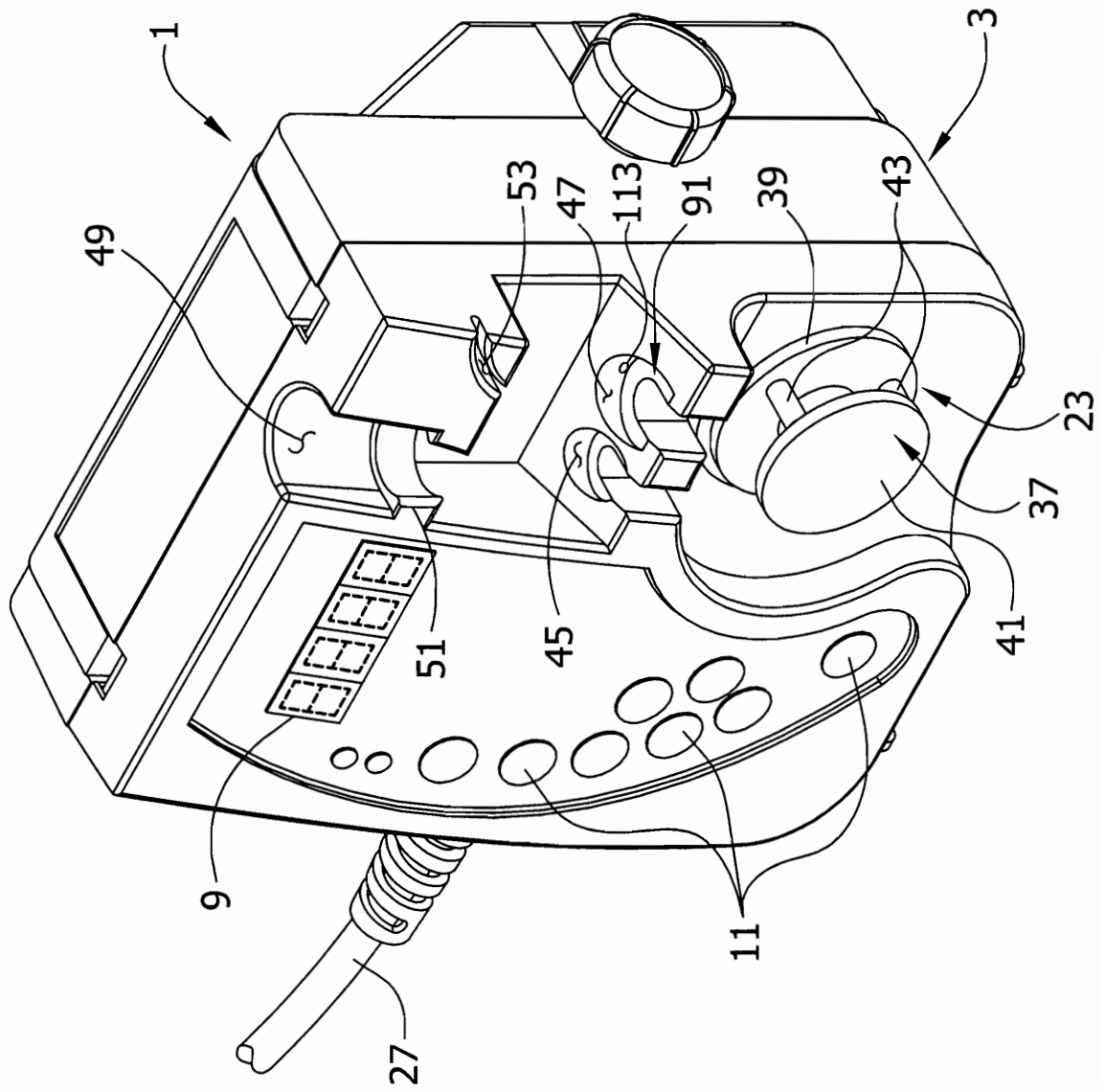


FIG. 3

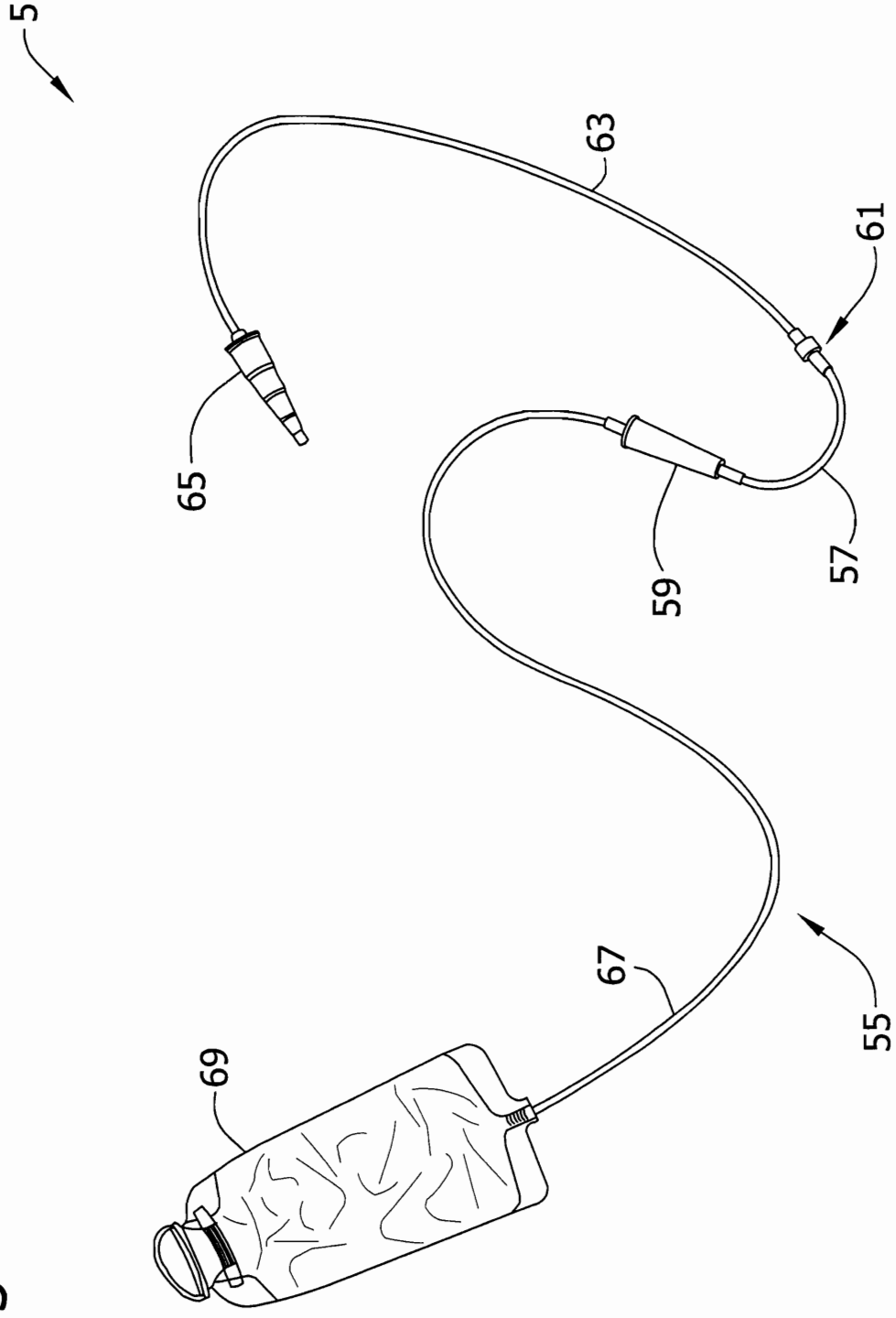


FIG. 4

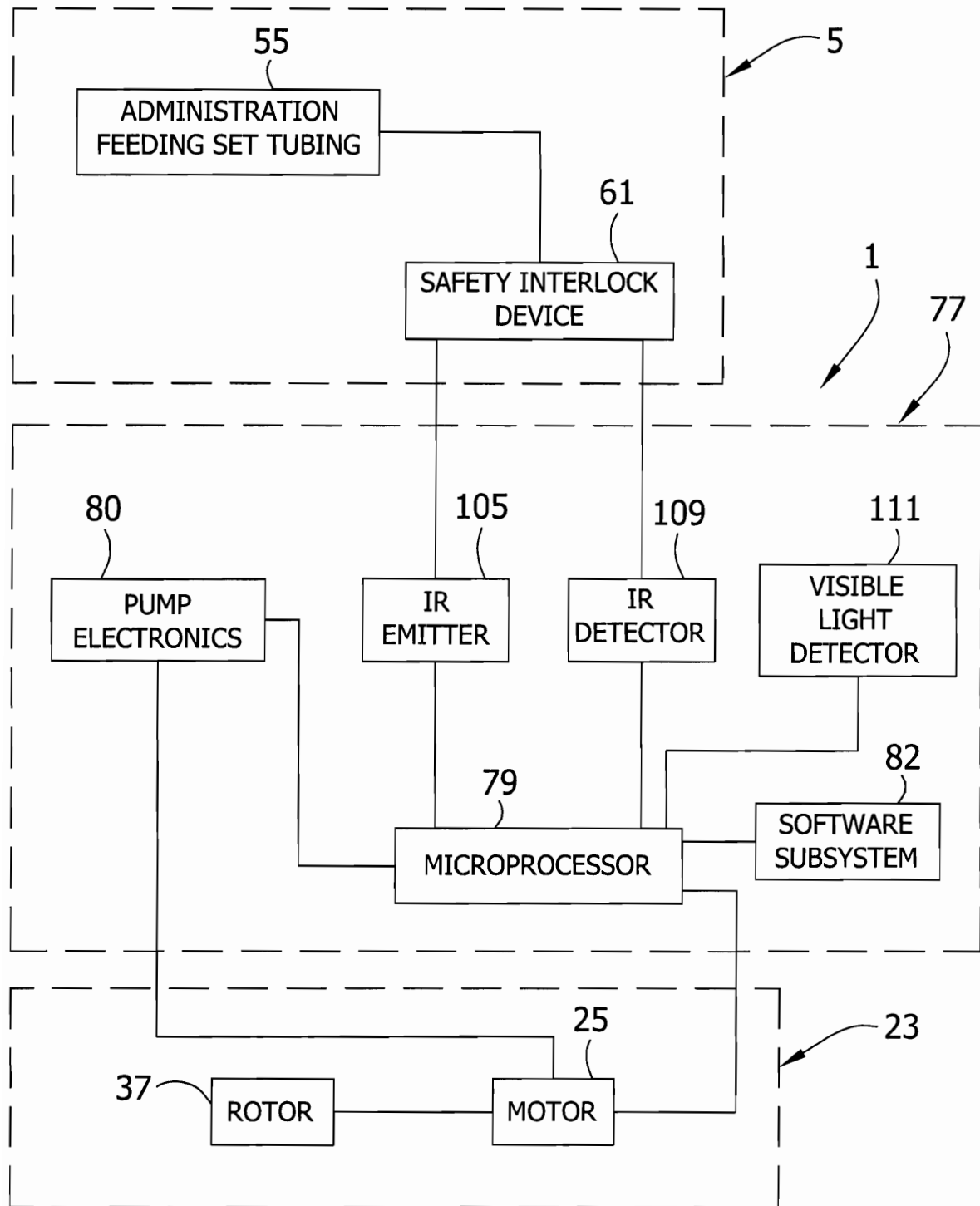


FIG. 5

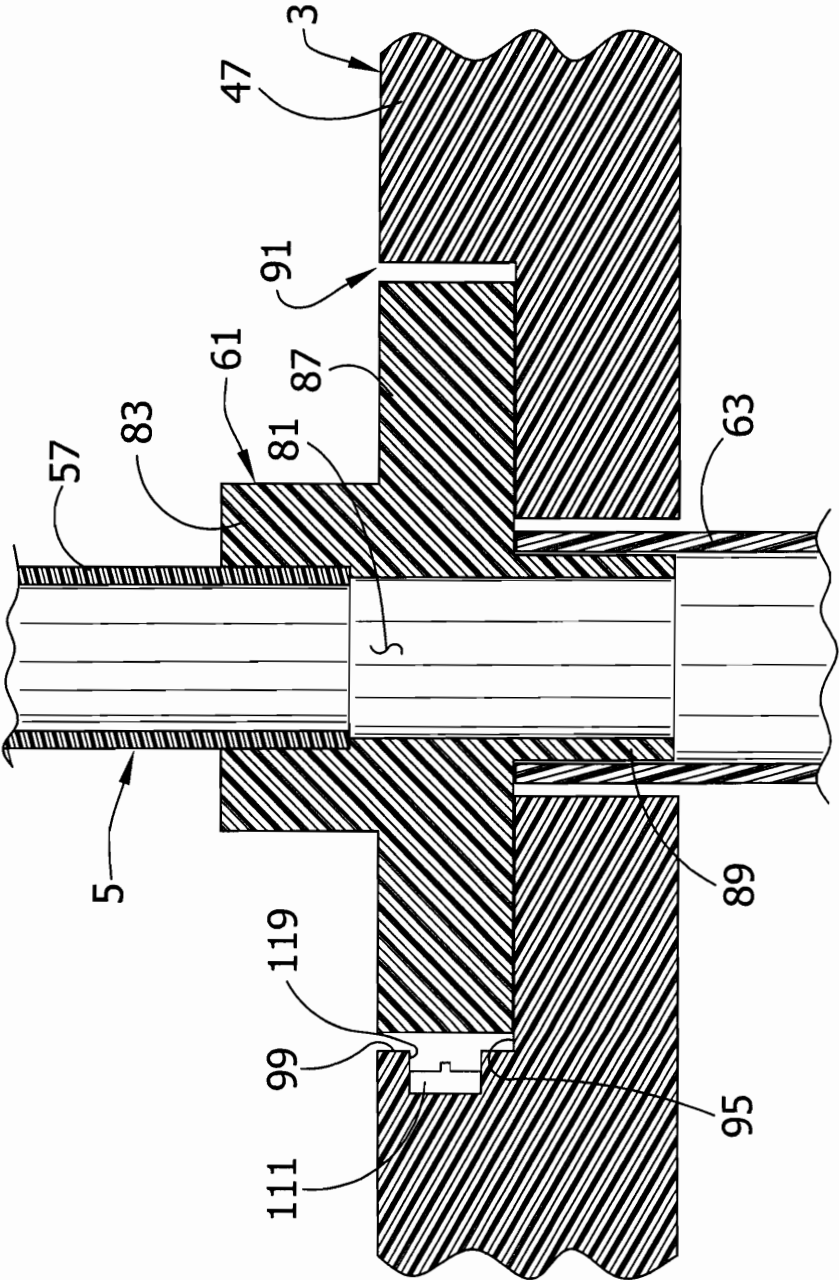
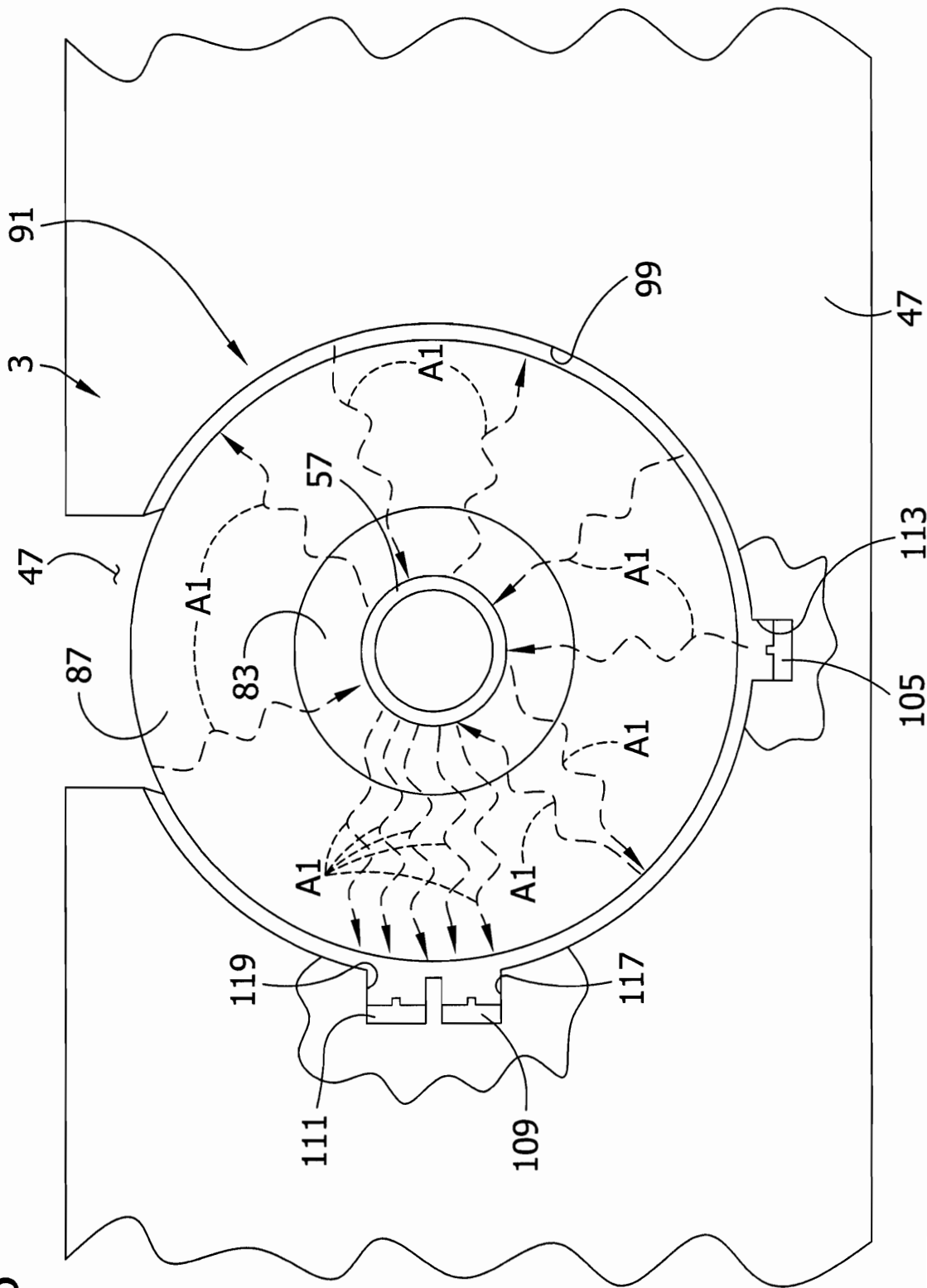


FIG. 6



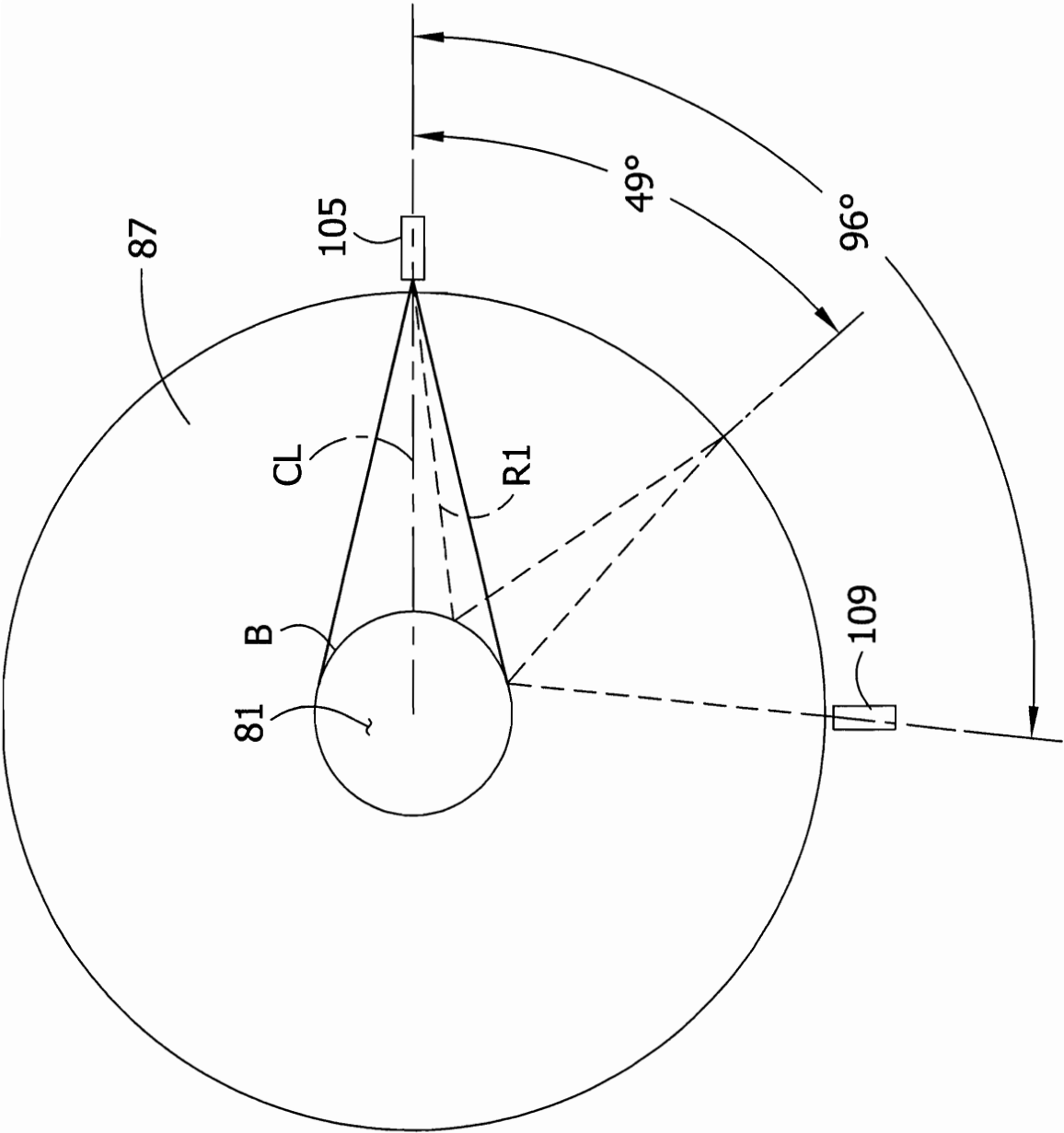


FIG. 6A

FIG. 7

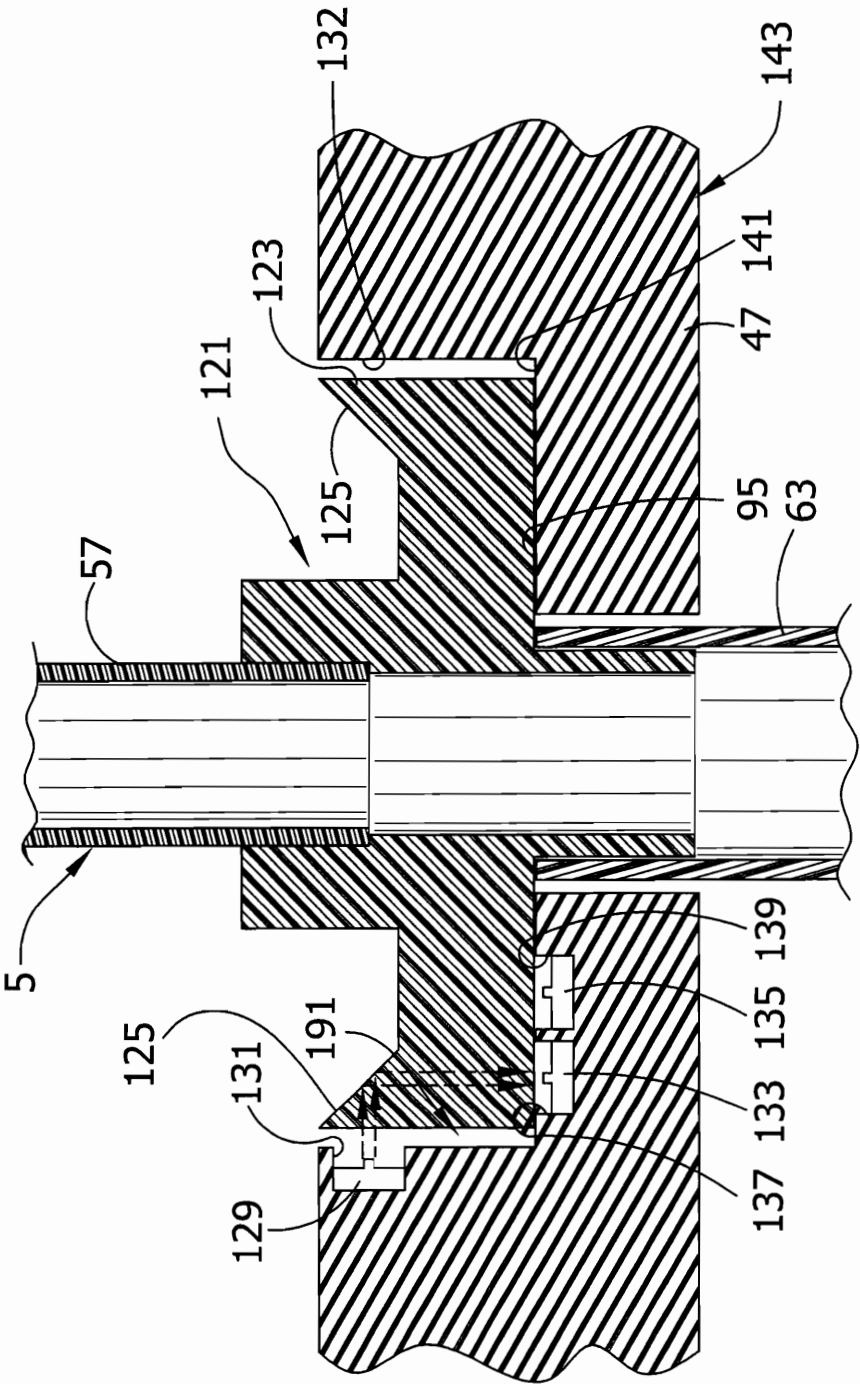


FIG. 7A

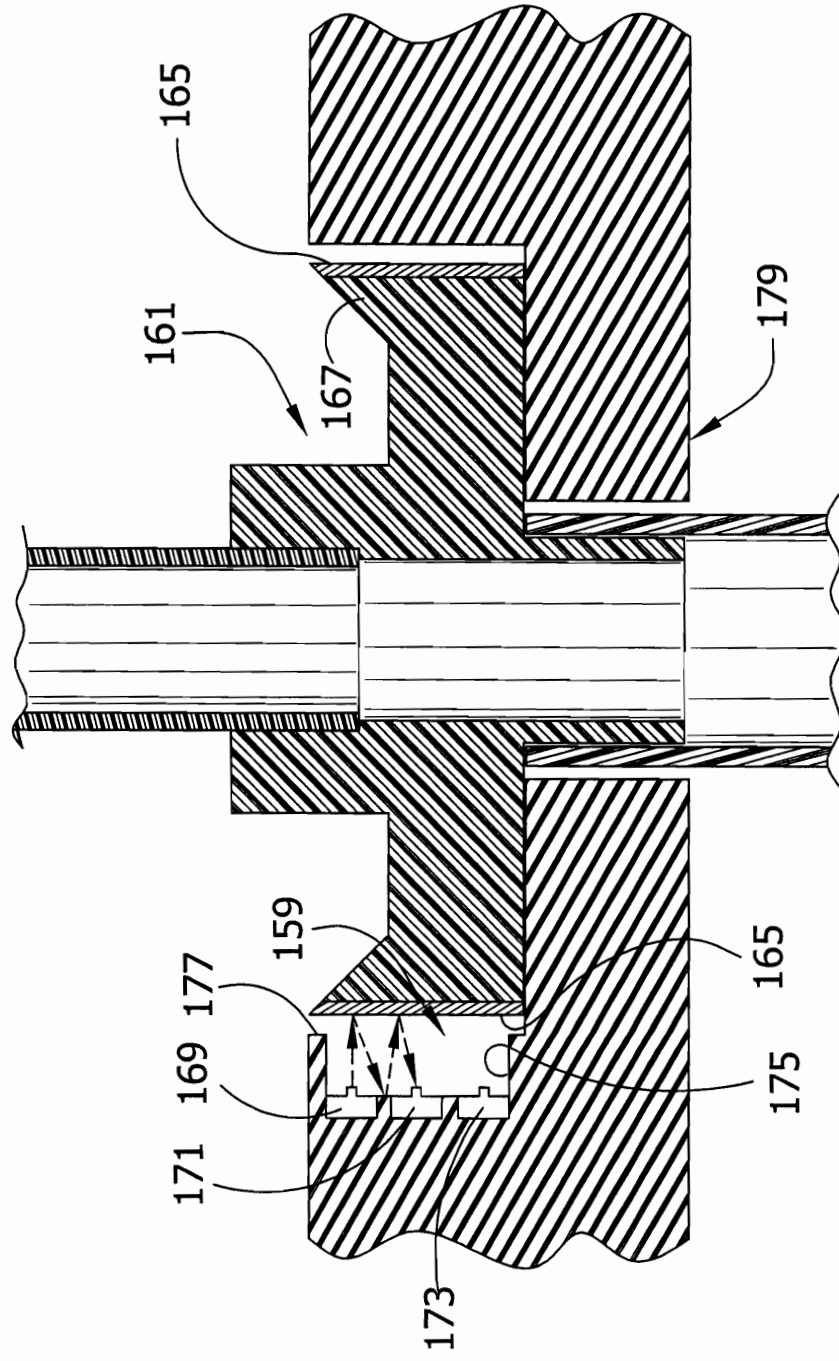


FIG. 8

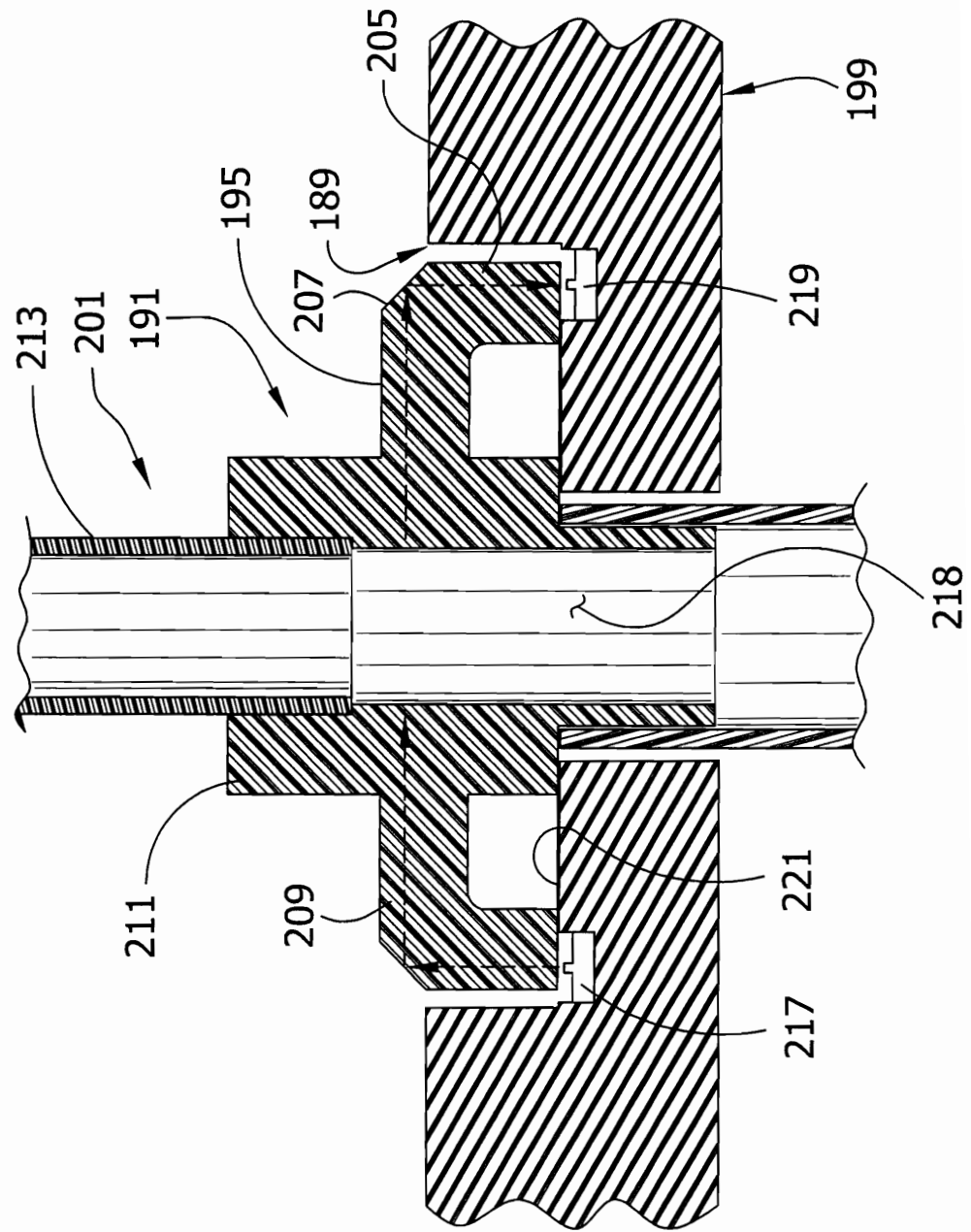


FIG. 10

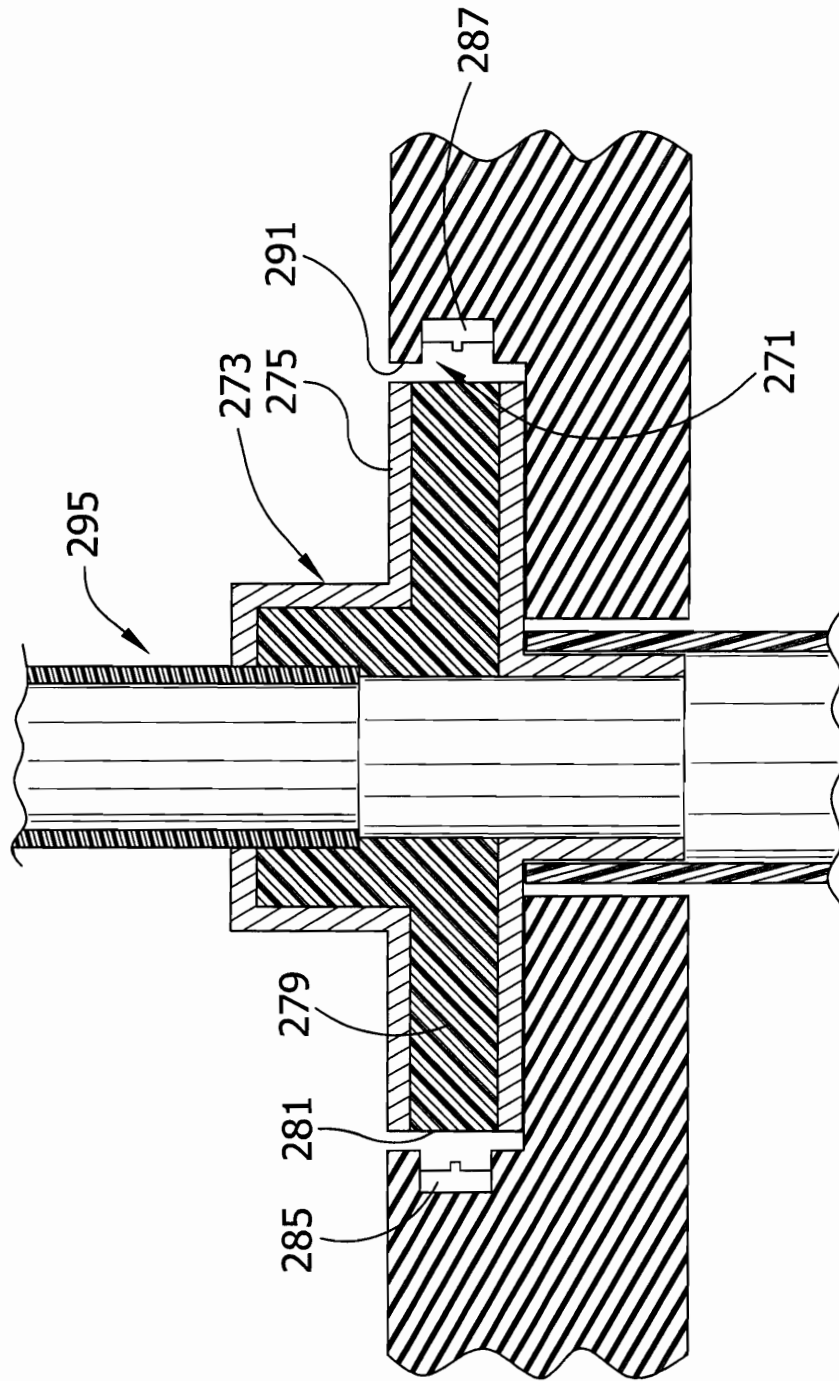


FIG. 11

CONDITION #	STATE	IR EMITTER	IR DETECTOR	VISIBLE DETECTOR	STATUS
1	HIGH AMBIENT LIGHT SET NOT LOADED	OFF	ON (ACTIVATED)	ON (ACTIVATED)	FAULT
2	HIGH AMBIENT LIGHT SET LOADED	ON	ON	OFF	SET LOADED
3	DARK AMBIENT CONDITION SET NOT LOADED	ON	OFF	OFF	FAULT
4	DARK AMBIENT CONDITION SET LOADED	ON	ON	OFF	SET LOADED
5	HIGH AMBIENT LIGHT SET NOT LOADED	ON	ON	ON	FAULT
6	HIGH AMBIENT LIGHT SET LOADED	OFF	ON	ON	FAULT
7	DARK AMBIENT CONDITION SET NOT LOADED	OFF	OFF	OFF	FAULT
8	DARK AMBIENT CONDITION SET LOADED	OFF	OFF	OFF	FAULT

FIG. 12

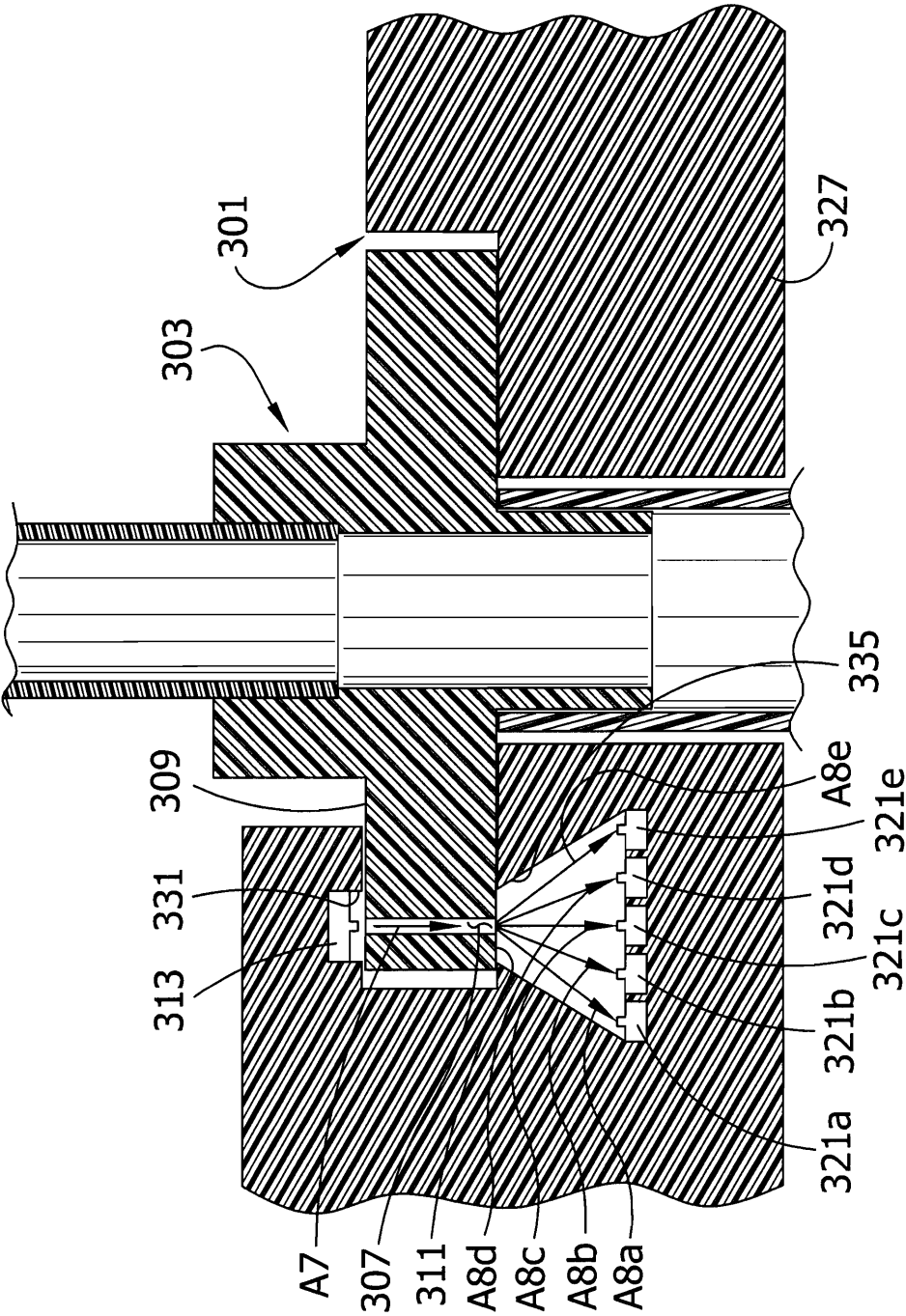


FIG. 13

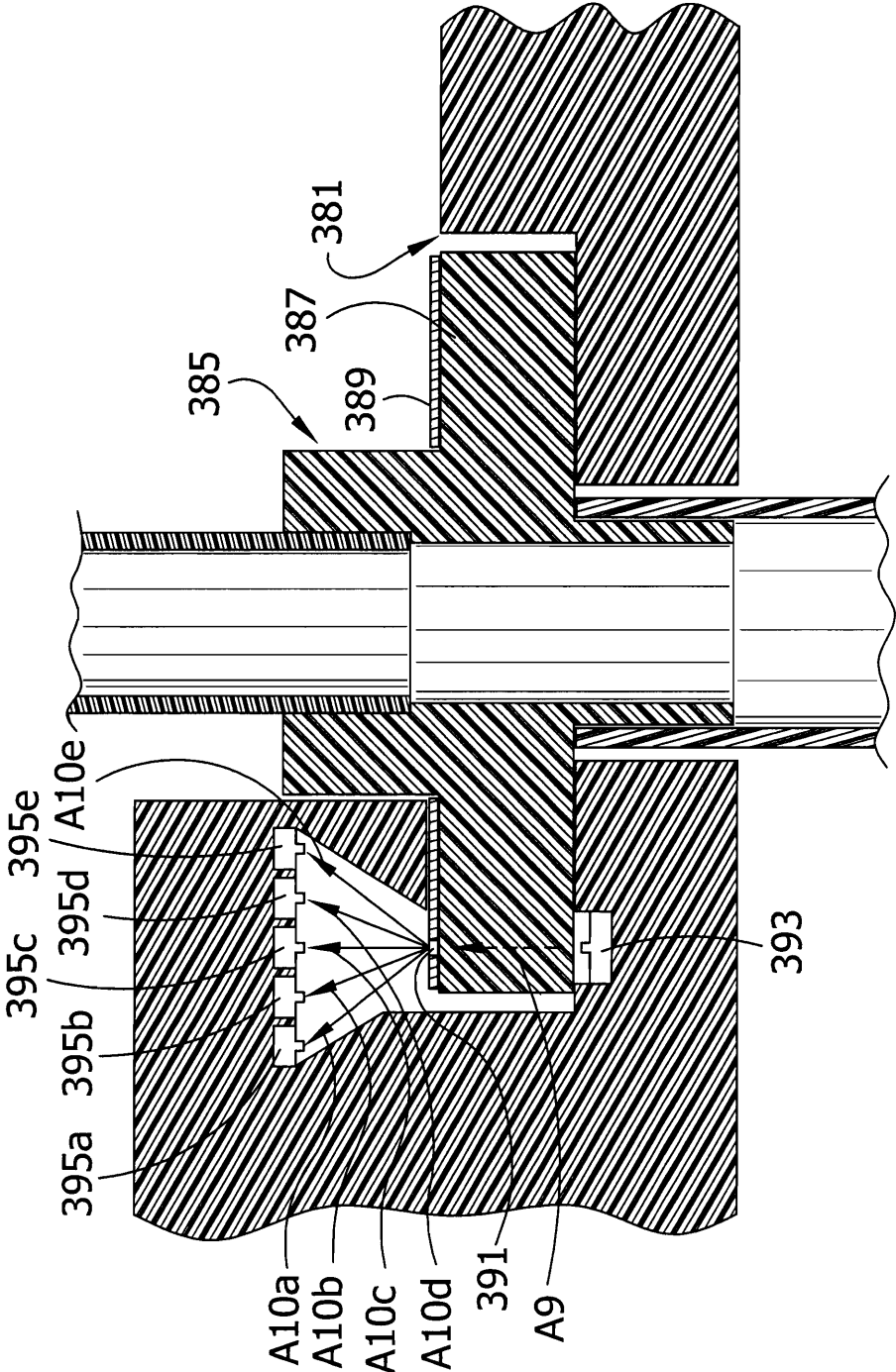


FIG. 14

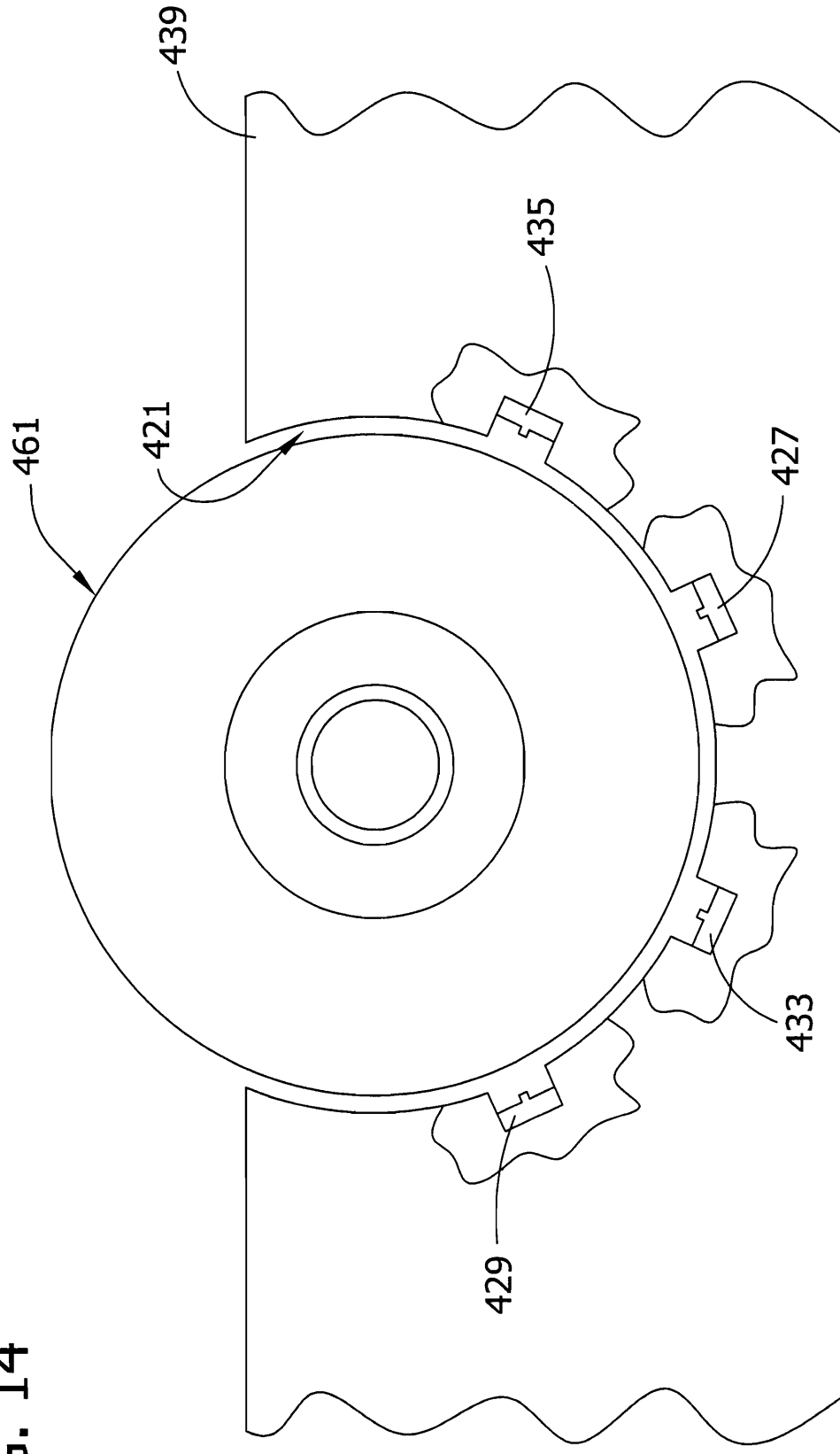


FIG. 15

CONDITION	IR EMITTER	IR DETECTOR	VISIBLE EMITTER	AMBIENT LIGHT	VISIBLE DETECTOR	STATUS
1	OFF	OFF	OFF	XX	OFF	FAULT
2	OFF	OFF	ON	XX	OFF	SET LOADED
3	OFF	OFF	ON	XX	ON	FAULT
4	OFF	ON	XX	BRIGHT	XX	FAULT
5	ON	OFF	XX	XX	XX	FAULT
6	ON	ON	OFF	XX	OFF	FAULT
7	ON	ON	OFF	BRIGHT	ON	FAULT
8	ON	ON	ON	XX	OFF	SET LOADED
9	ON	ON	ON	XX	ON	FAULT

FIG. 16

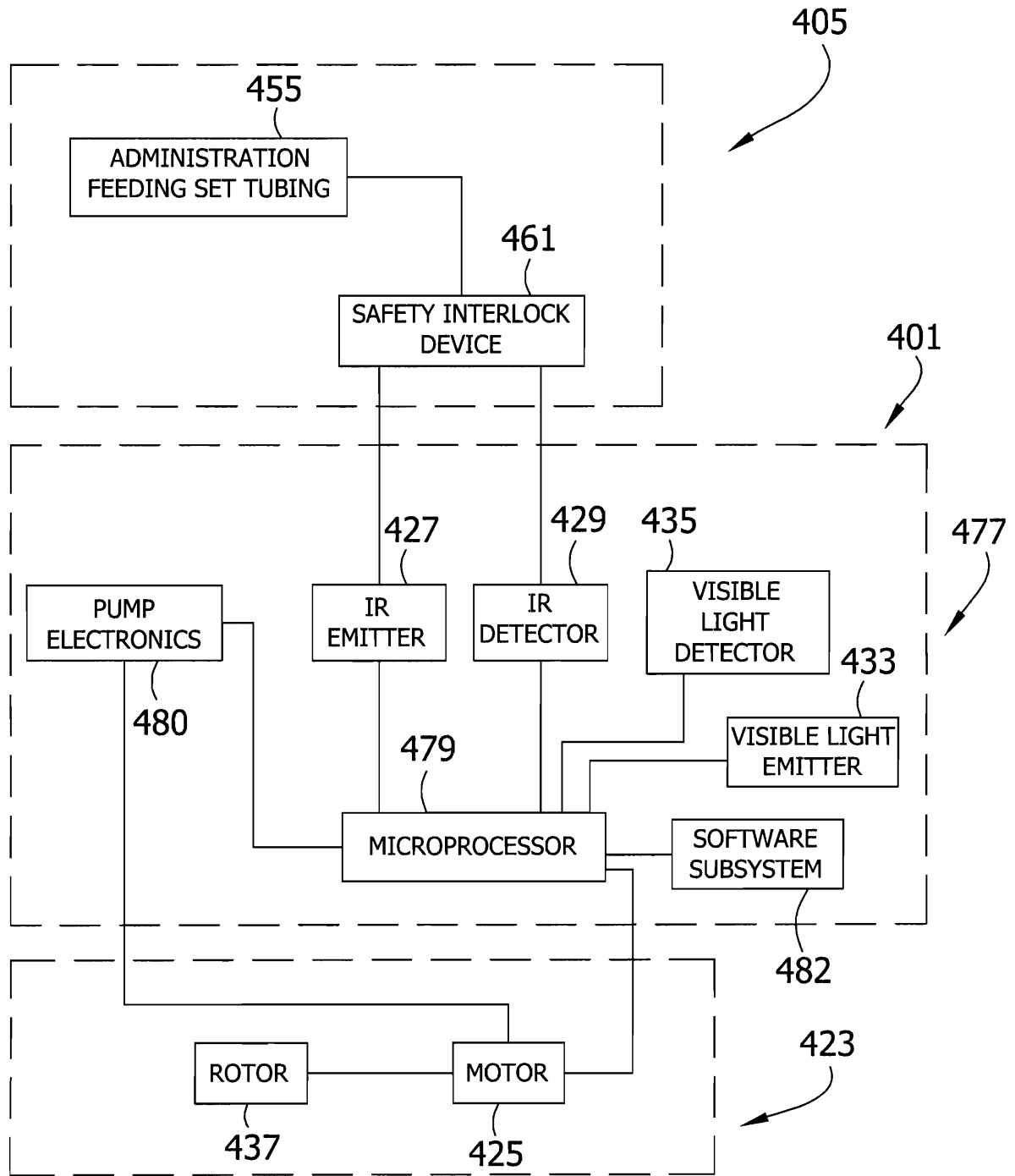


FIG. 17

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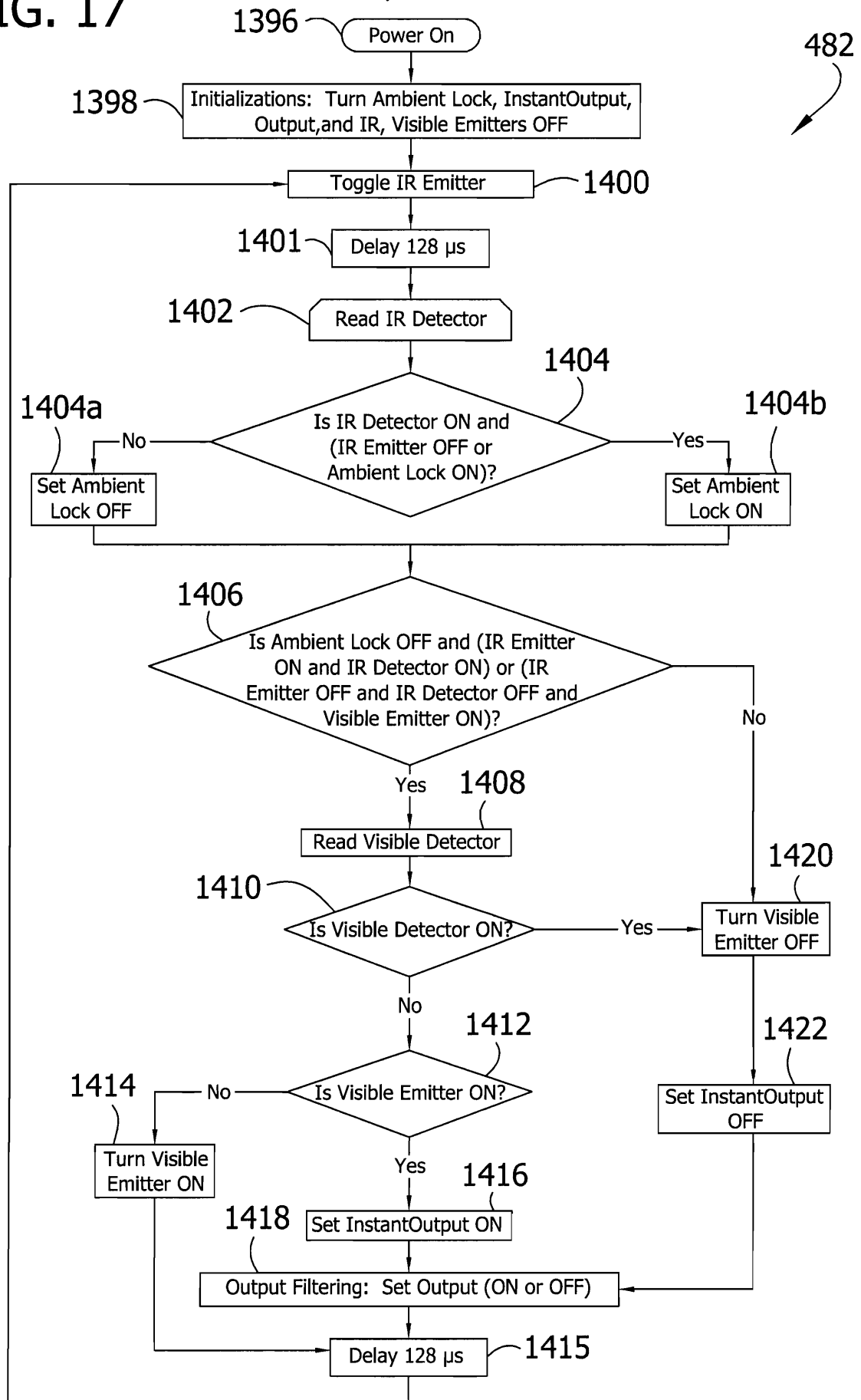


FIG. 18

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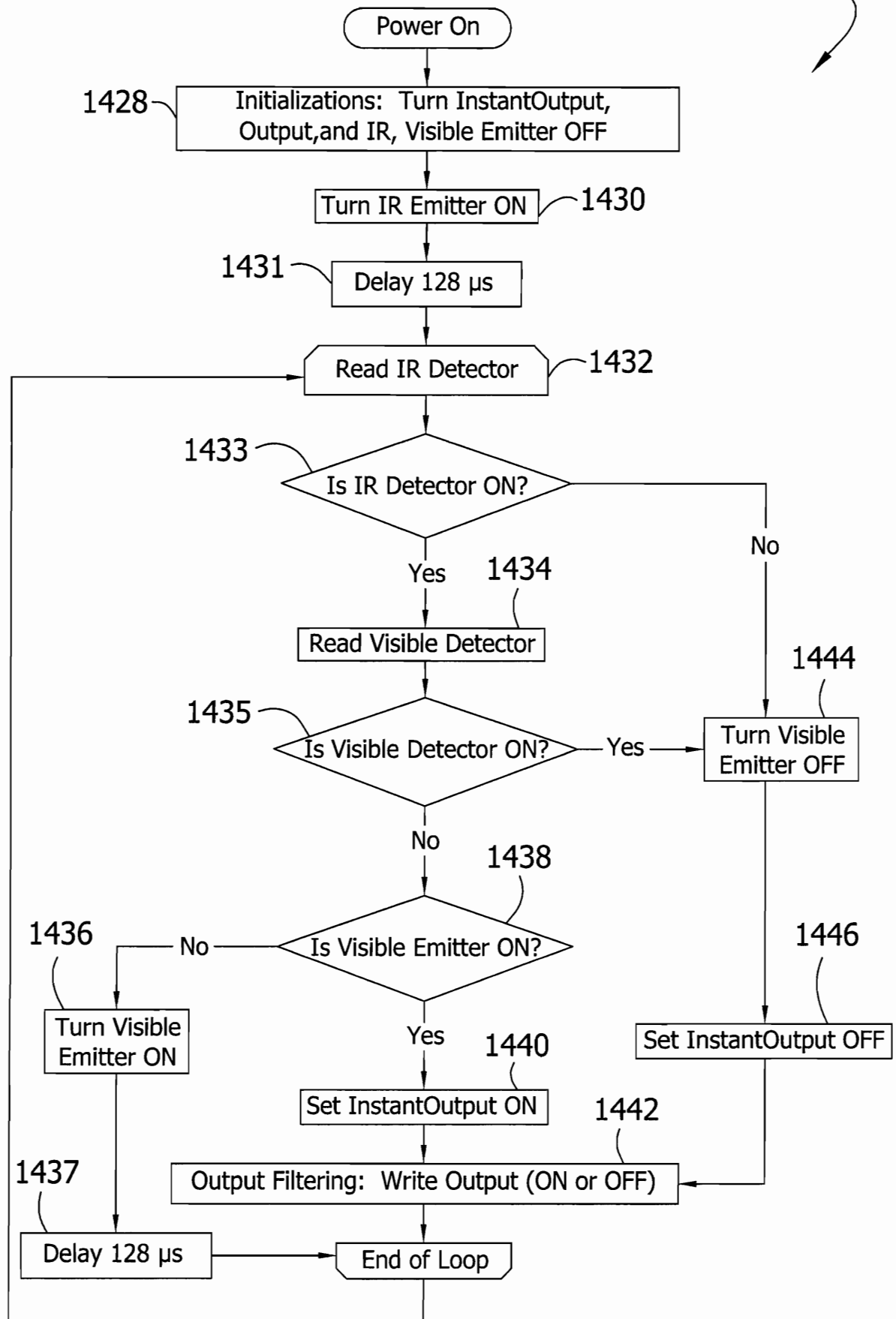
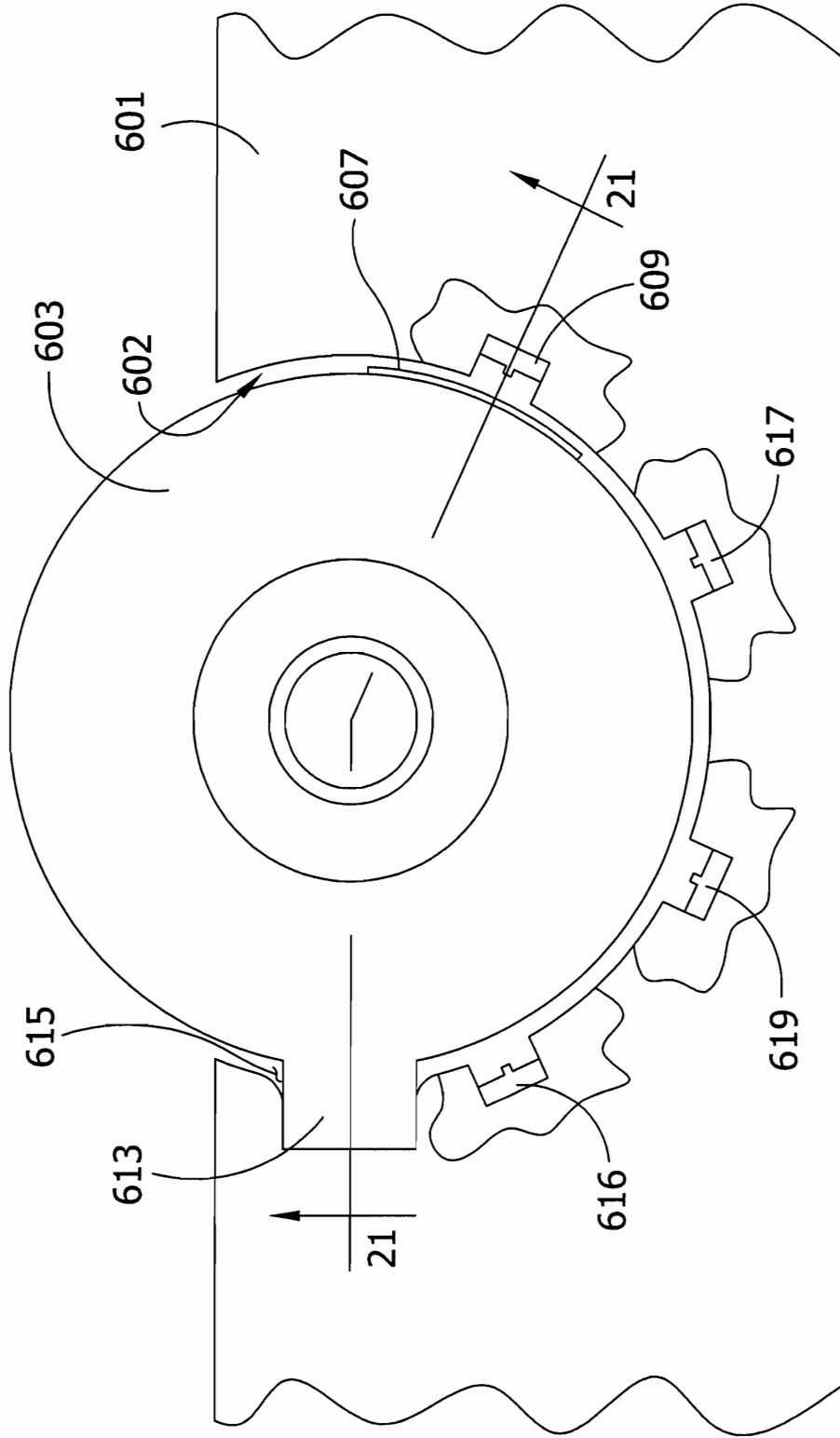


FIG. 19

CONDITION	IR EMITTER	IR DETECTOR	VISIBLE EMITTER	AMBIENT LIGHT	VISIBLE DETECTOR	STATUS
1	OFF	OFF	XX	XX	XX	FAULT
2	ON	OFF	XX	XX	XX	FAULT
3	ON	ON	OFF	BRIGHT	ON	FAULT
4	ON	ON	ON	DARK	OFF	SET LOADED
5	ON	ON	ON	DARK	ON	FAULT
6	ON	ON	ON	BRIGHT	OFF	SET LOADED
7	ON	ON	ON	BRIGHT	ON	FAULT

FIG. 20



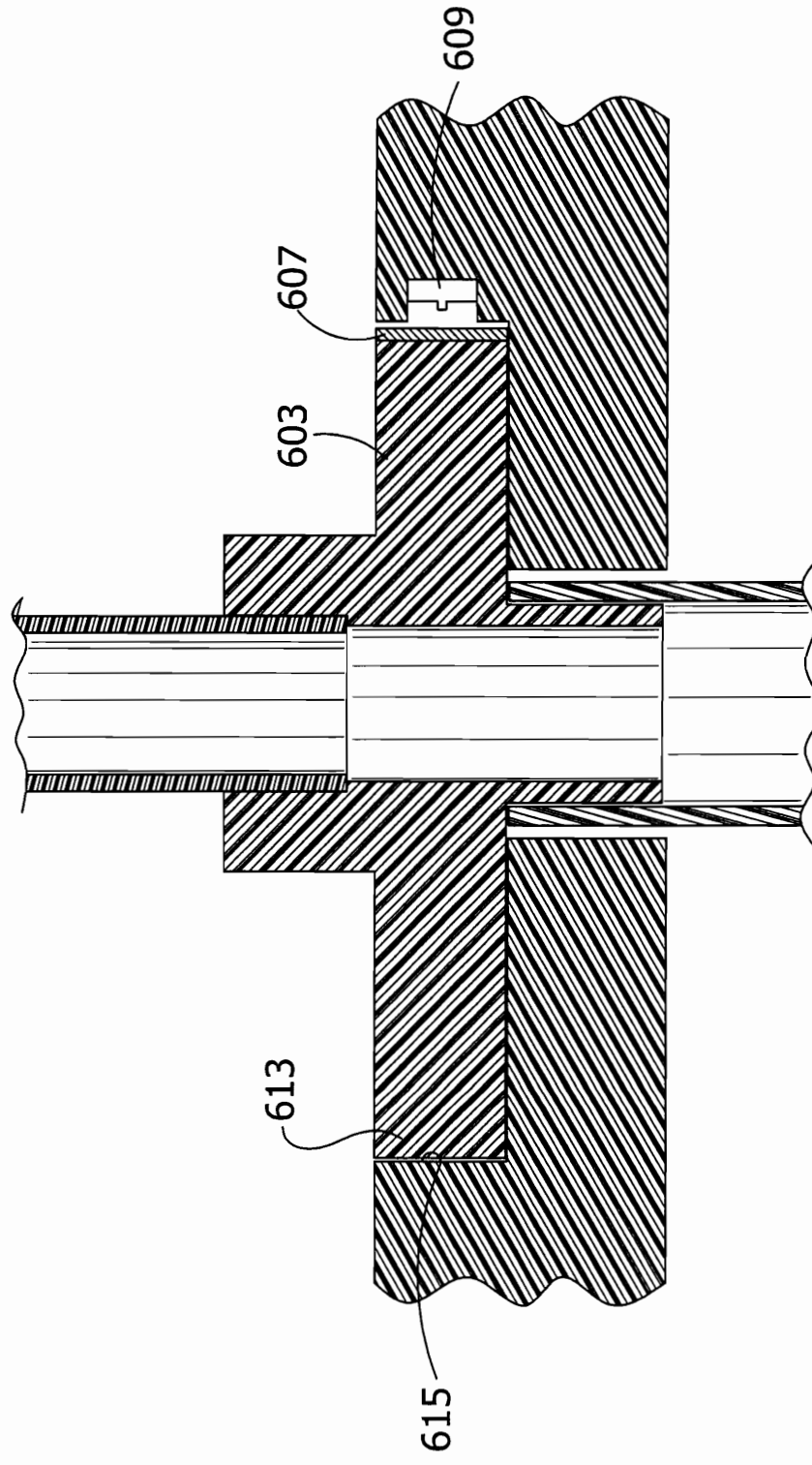


FIG. 21

FIG. 24

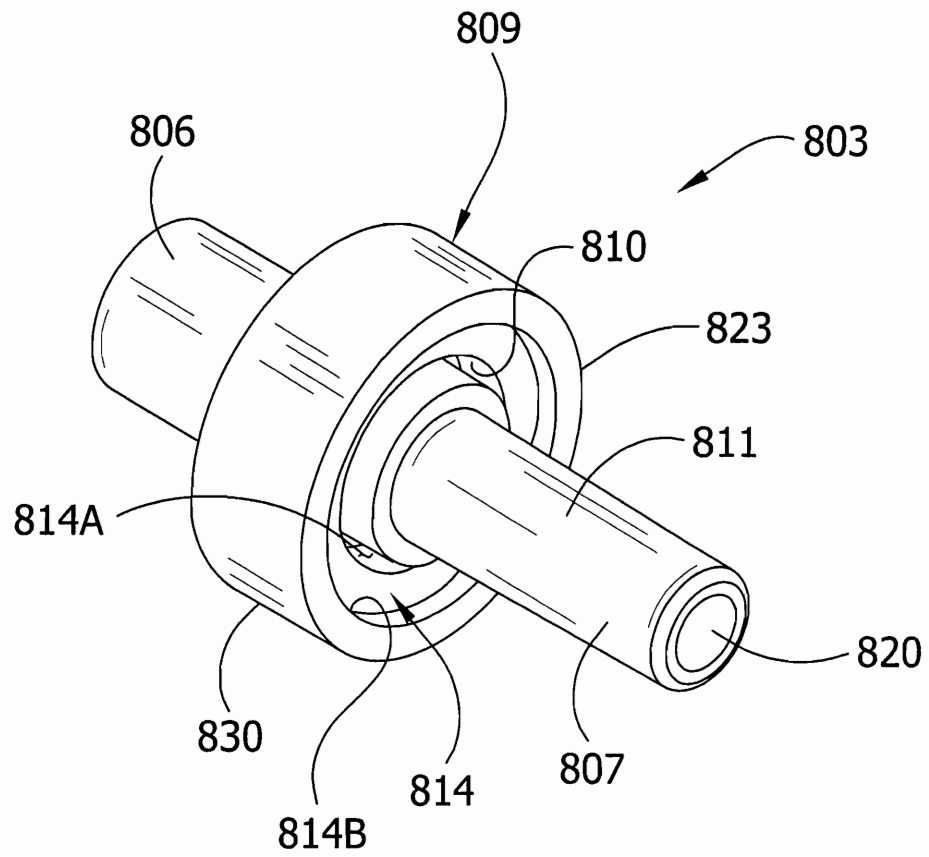


FIG. 27

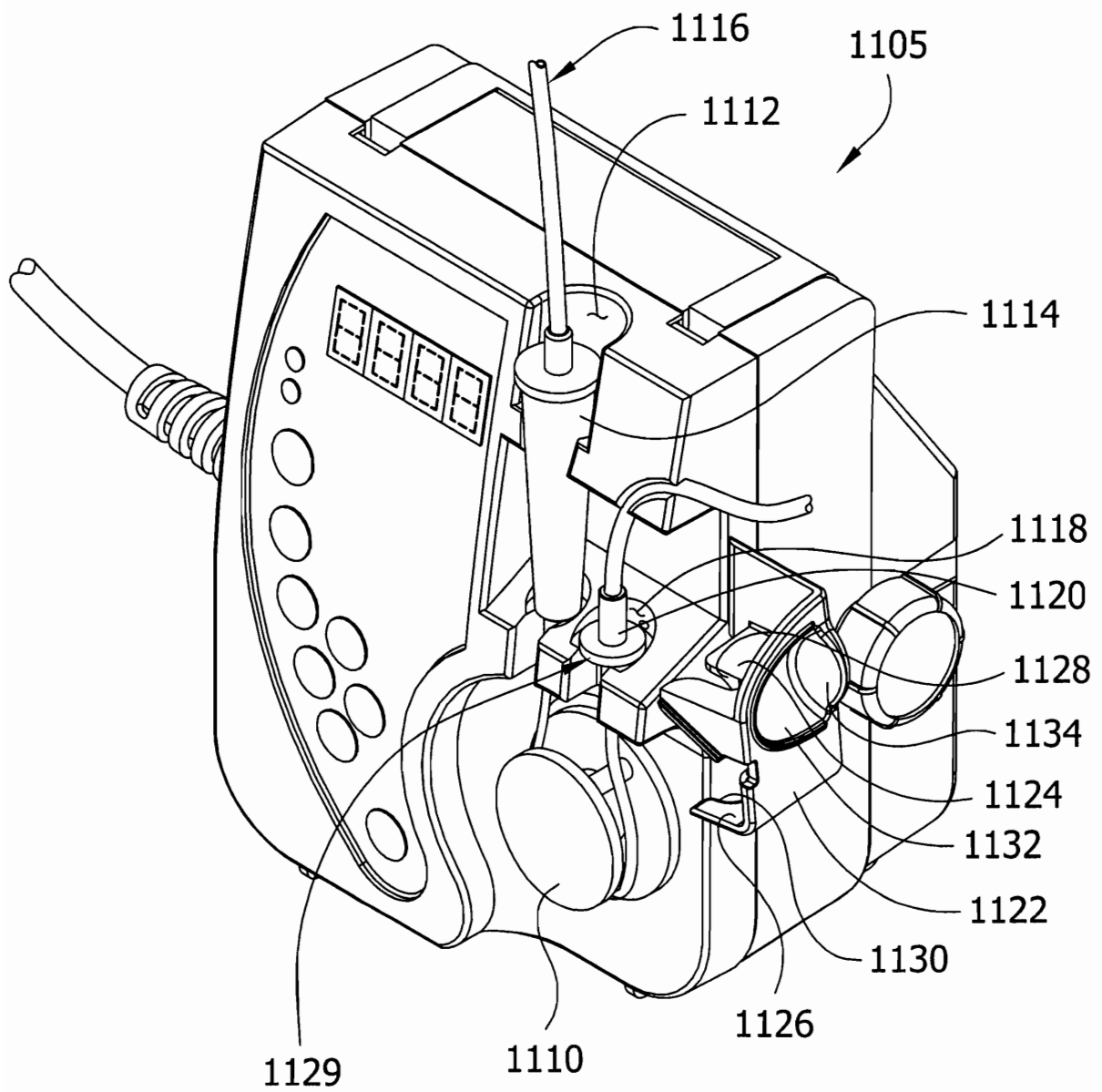


FIG. 28

