

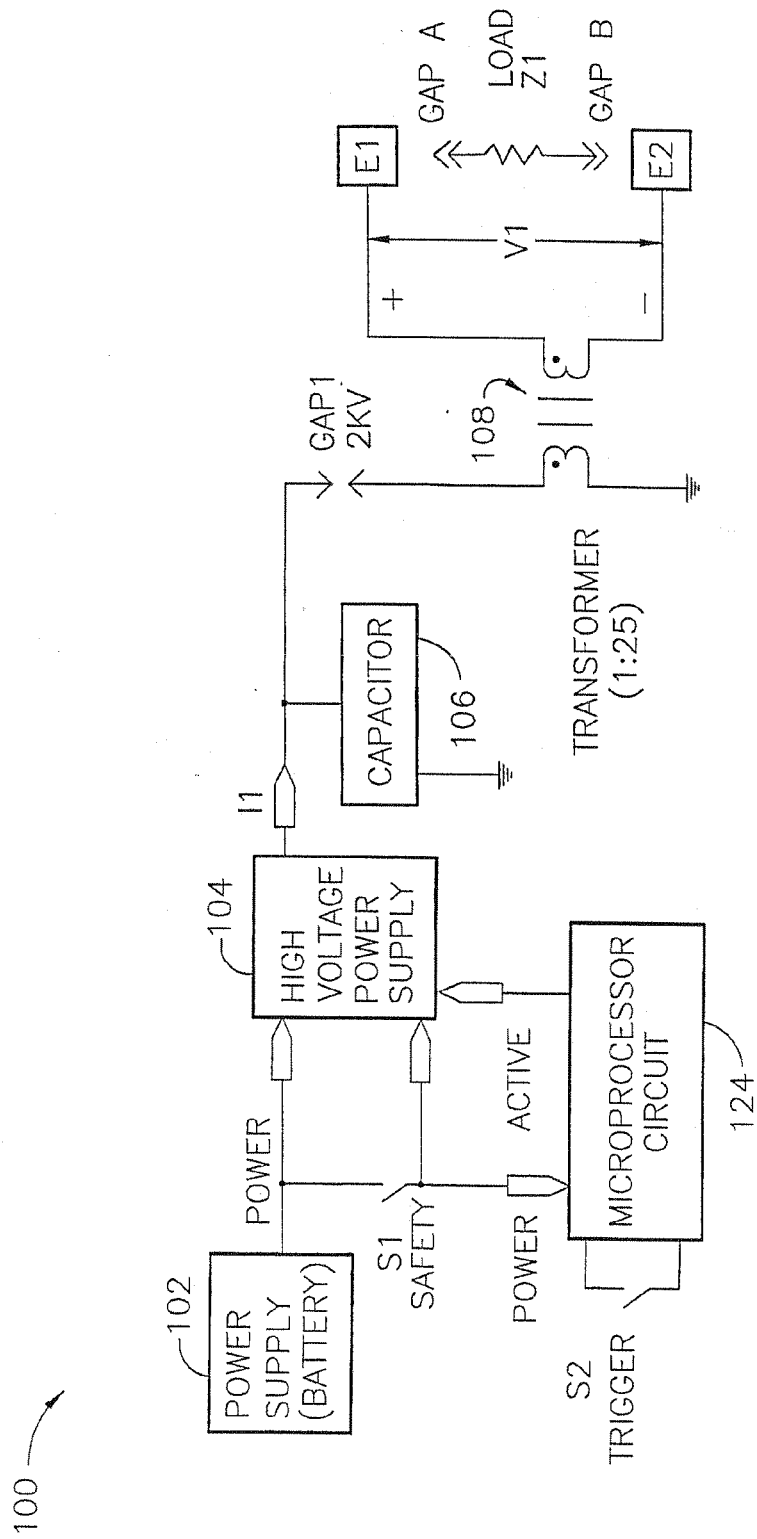


FIG. 1 (PRIOR ART)

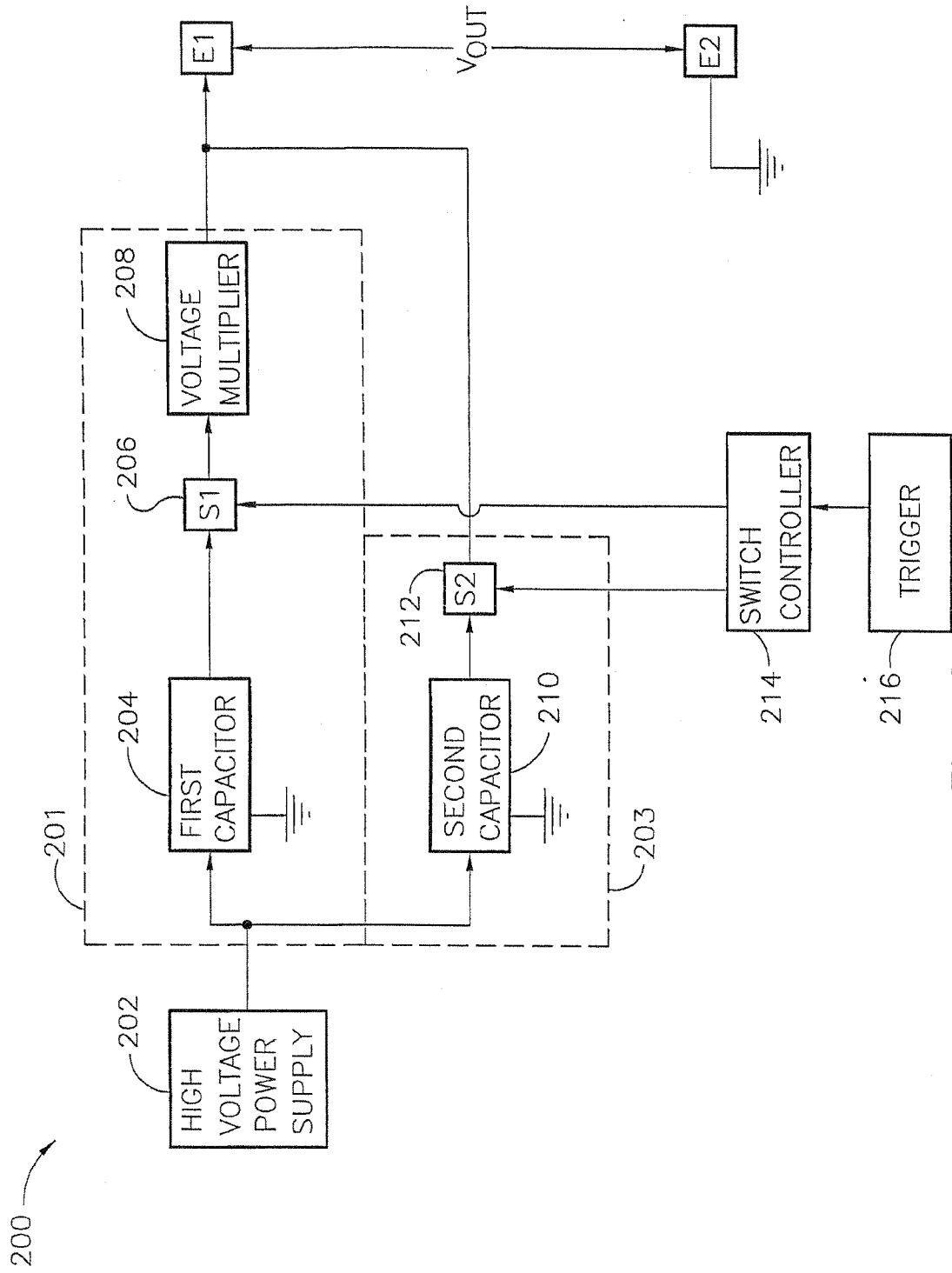


FIG. 2

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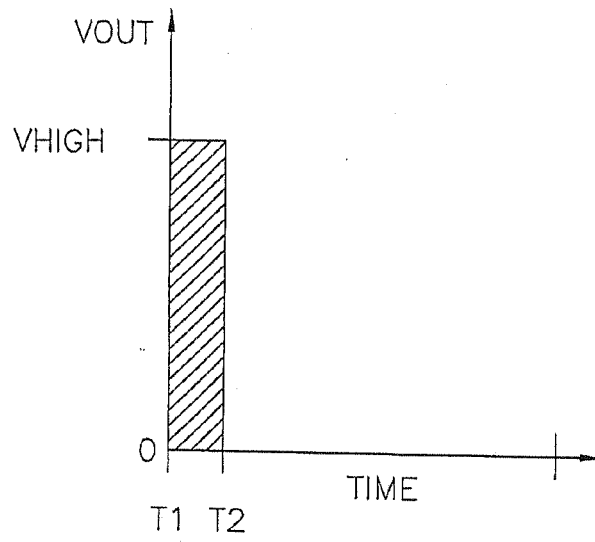


FIG. 3

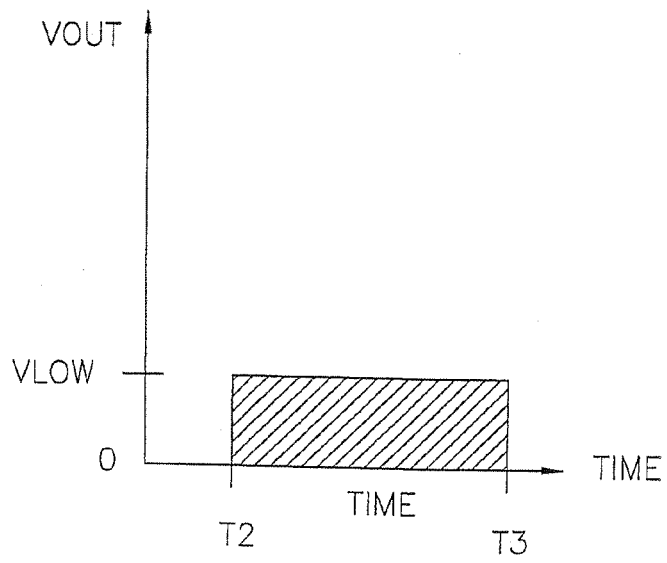


FIG. 4

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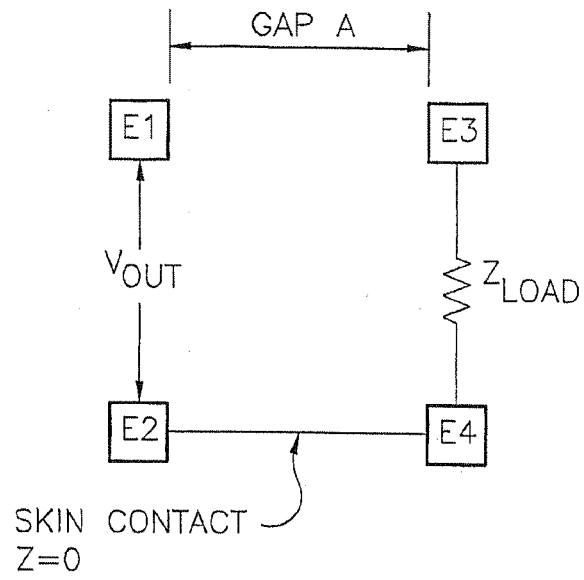


FIG. 5

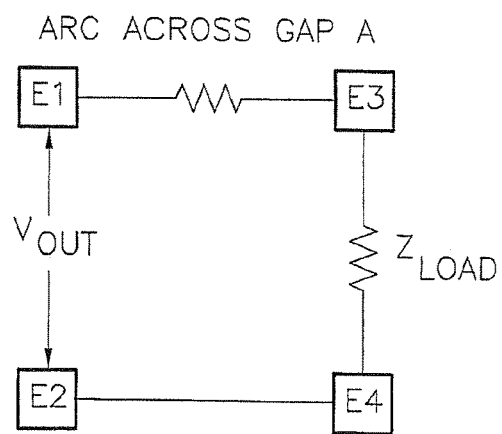


FIG. 6

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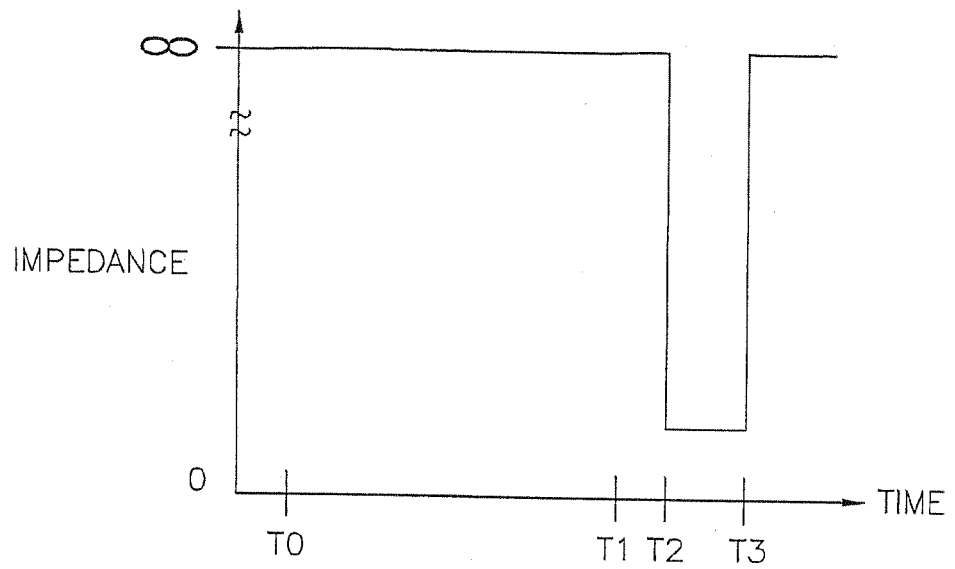


FIG. 7

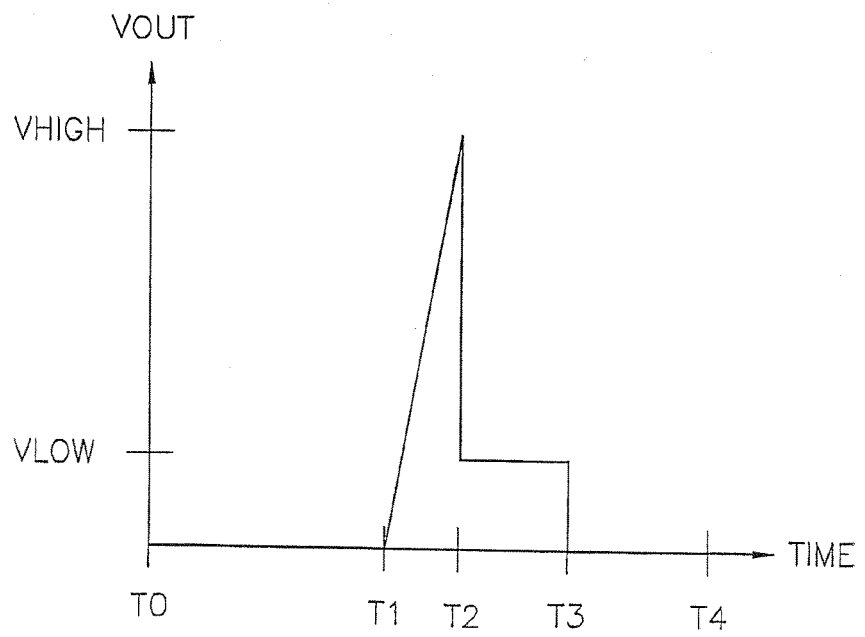


FIG. 8

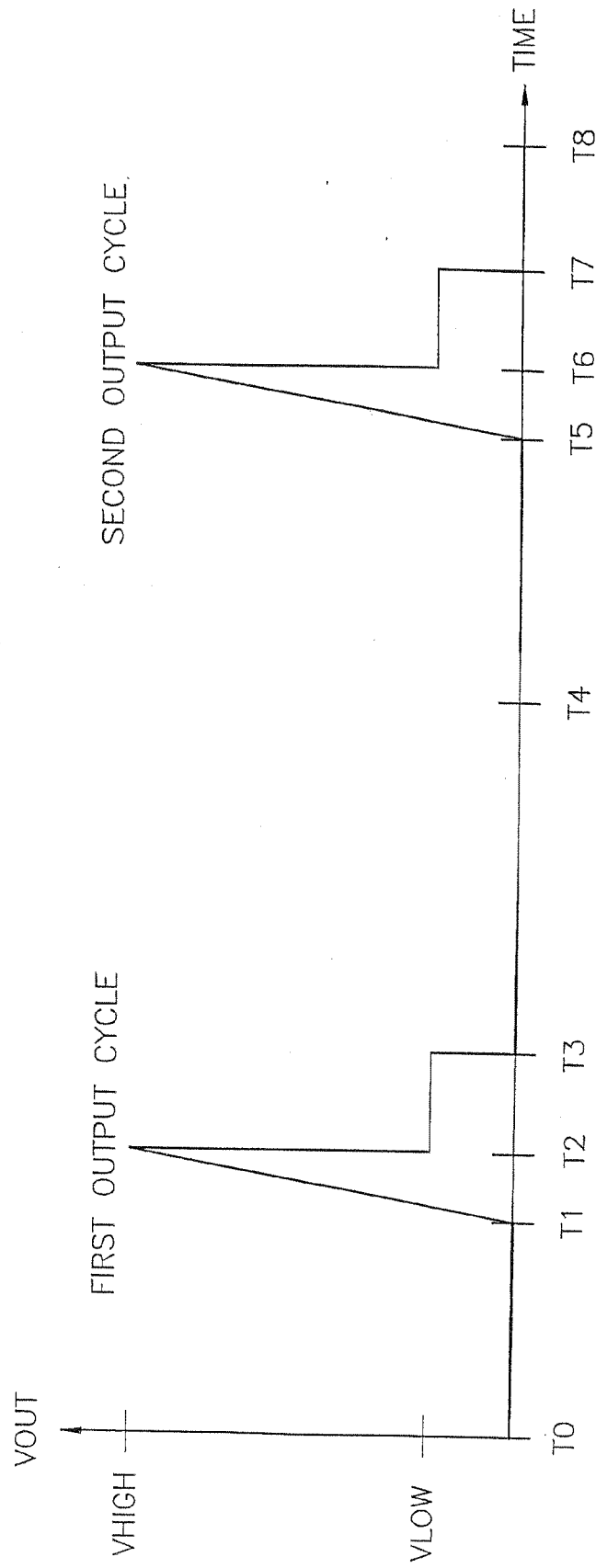


FIG. 9

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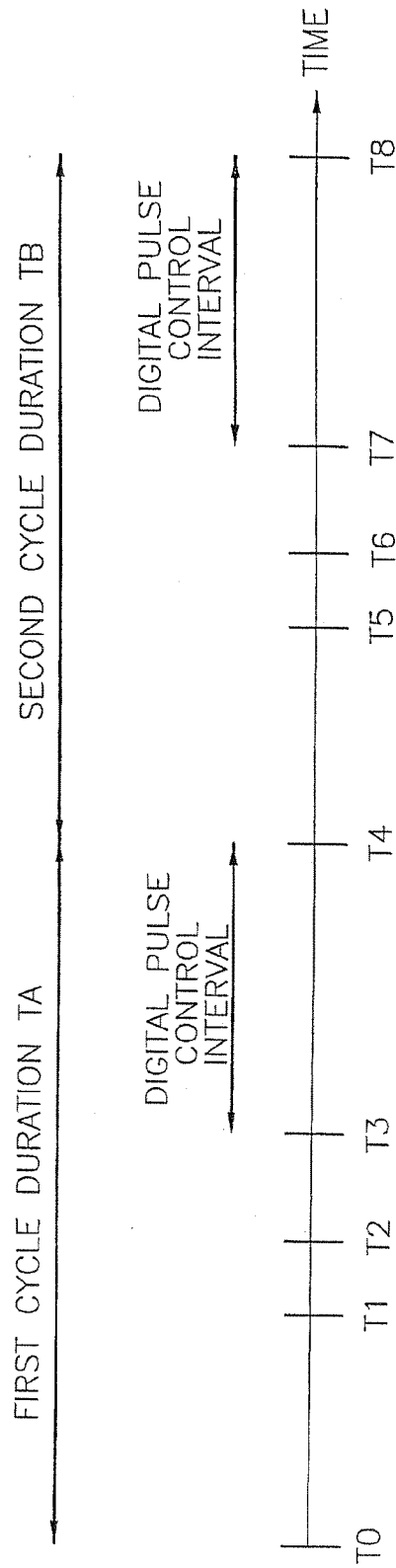


FIG. 10

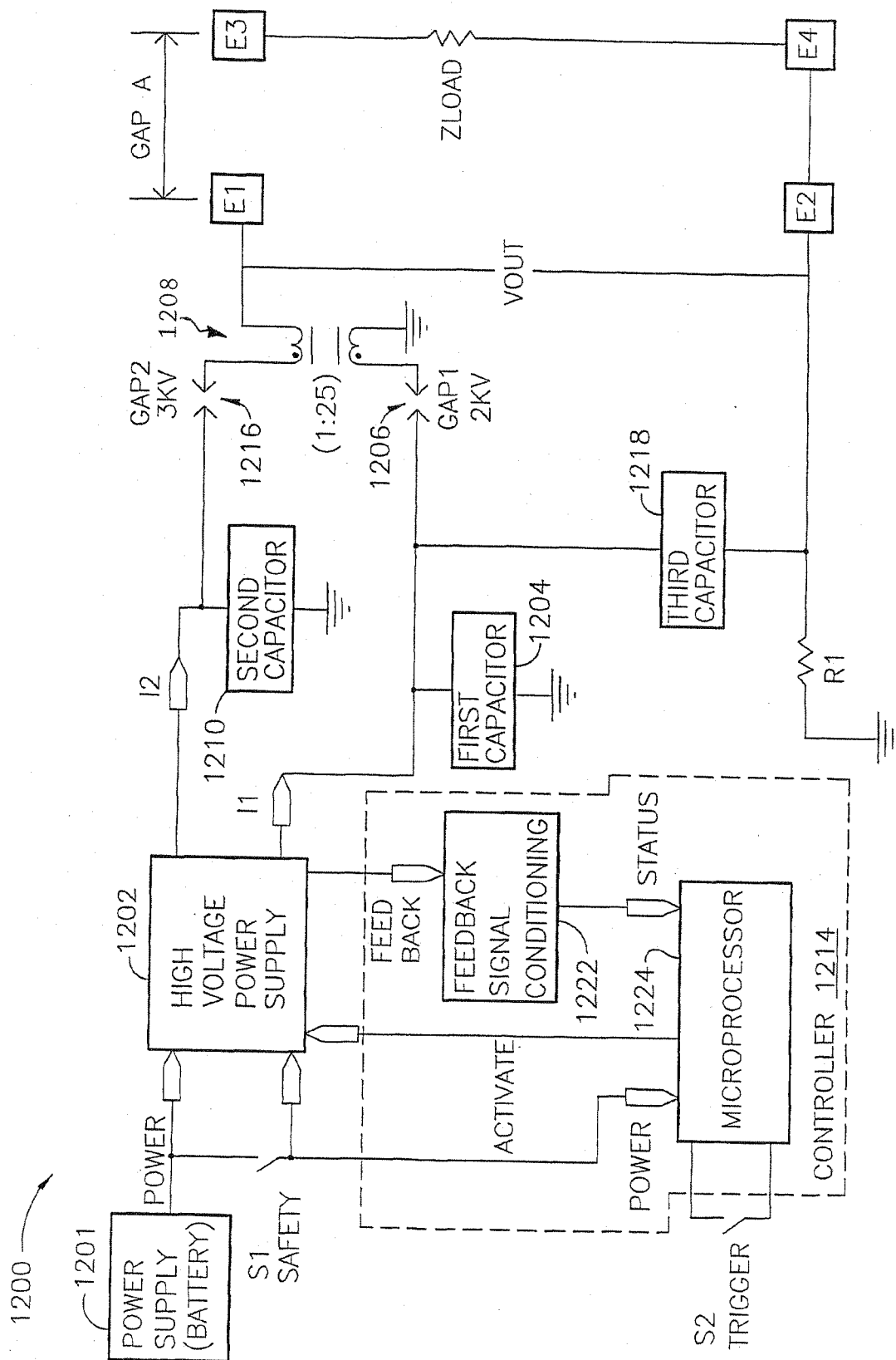


FIG. 12

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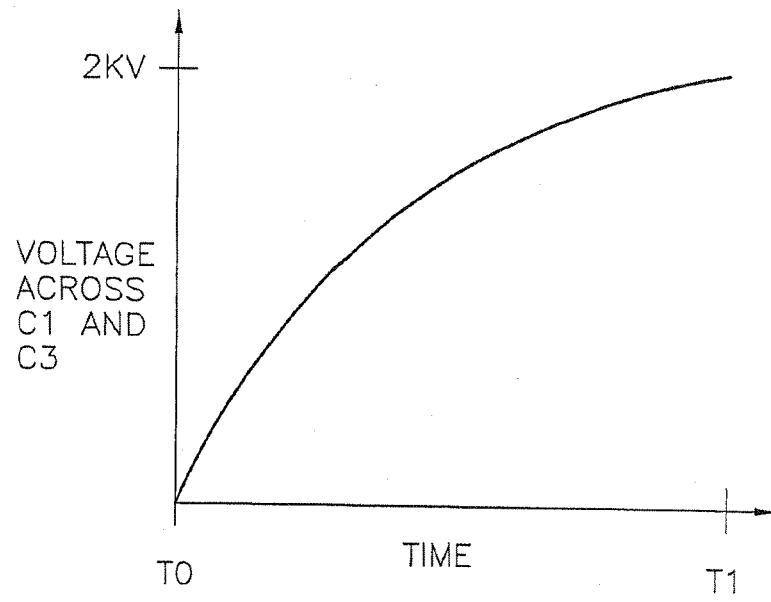


FIG. 13

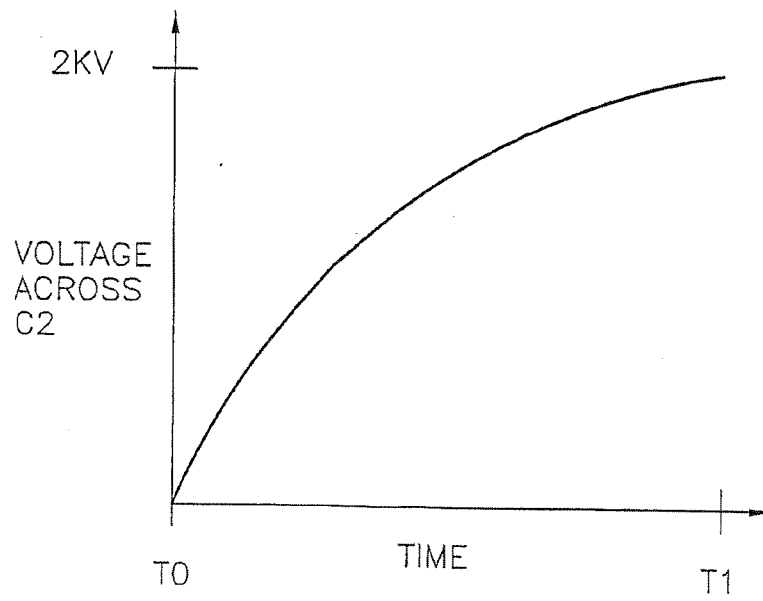


FIG. 14

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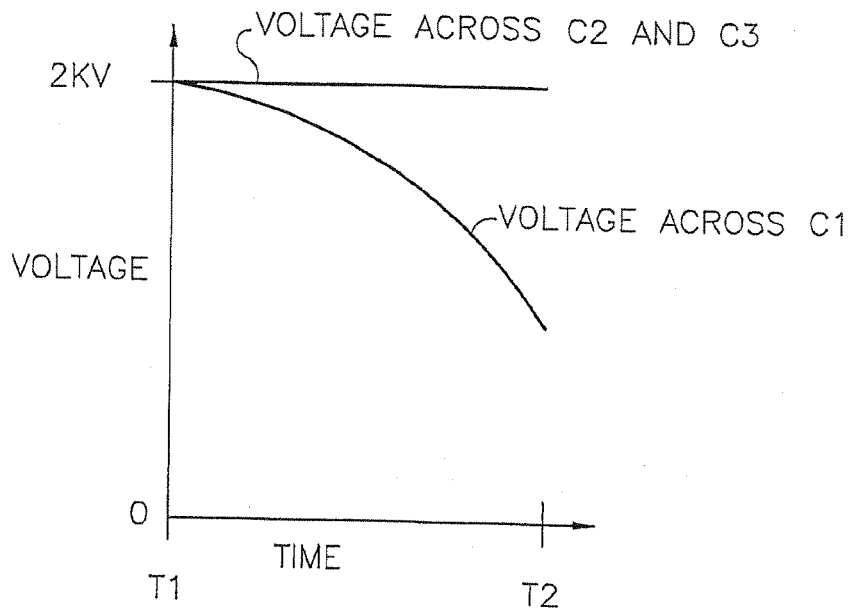


FIG. 15

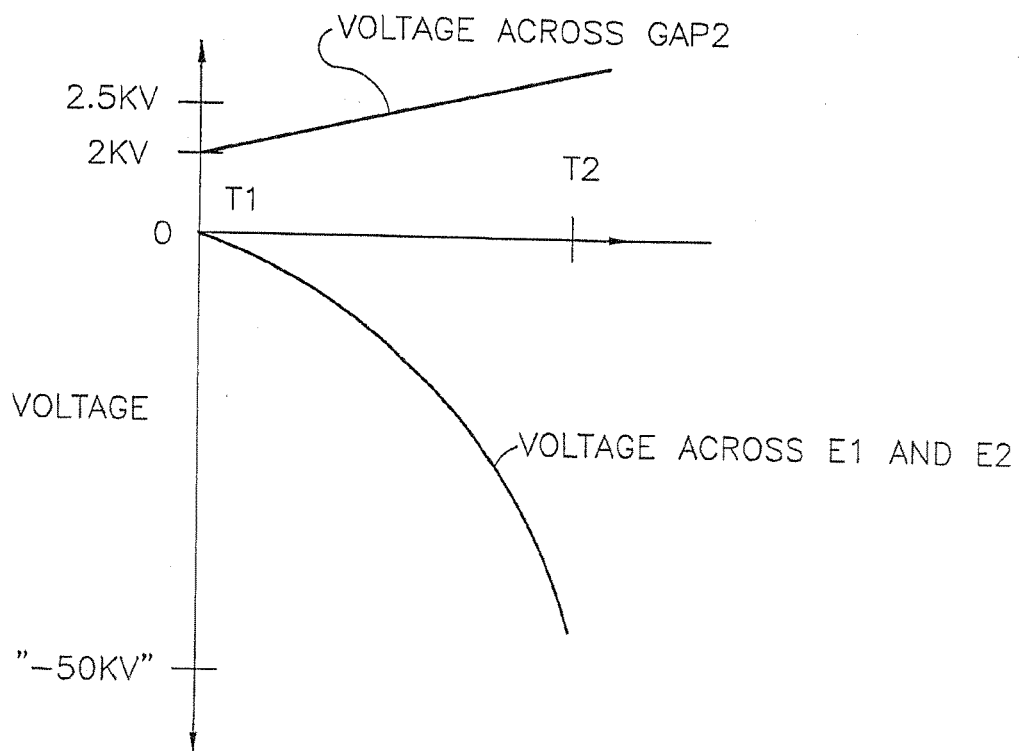


FIG. 16

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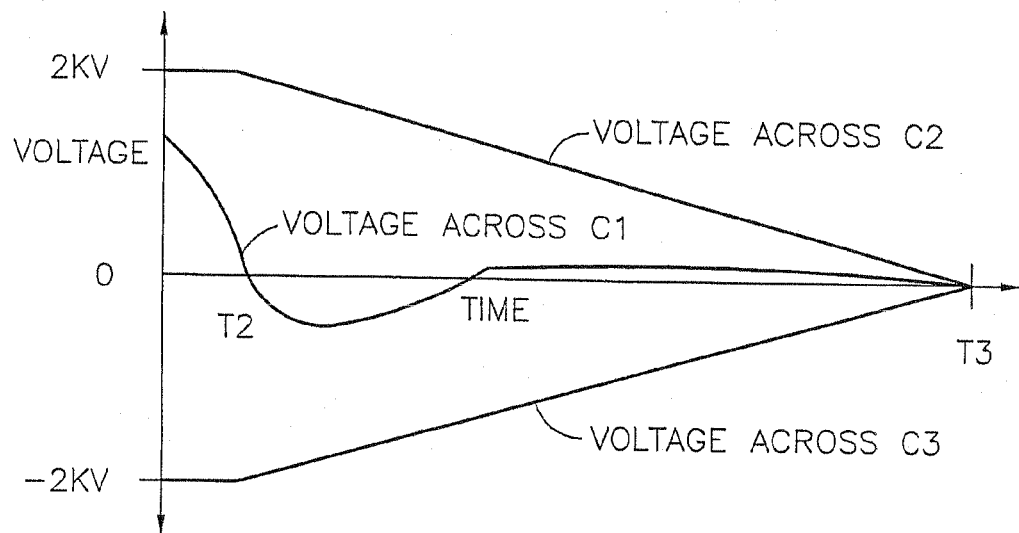


FIG. 17

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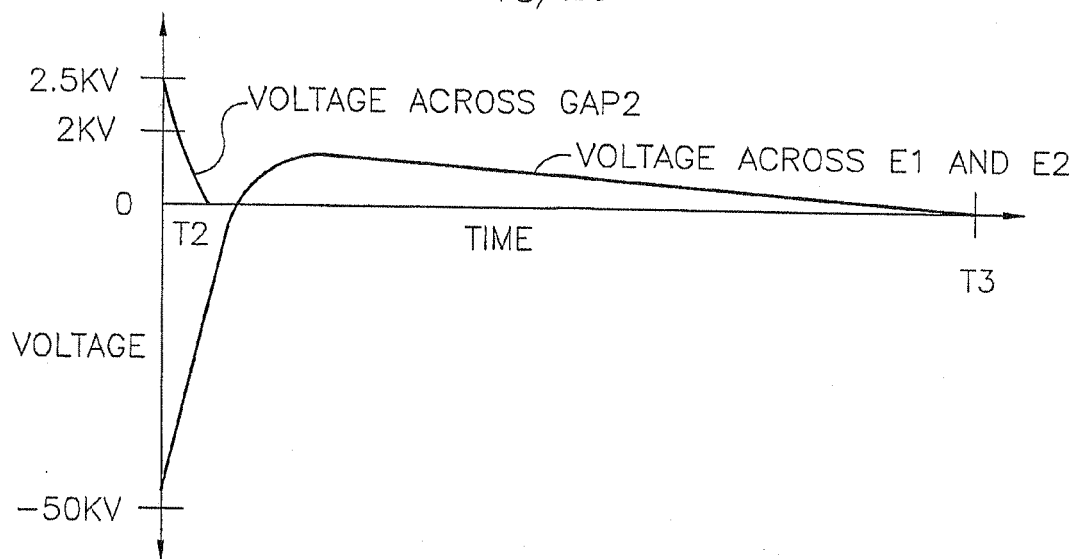


FIG. 18

INTERVAL NUMBER	TIME	GAP1	GAP2
1	T0-T1	OFF	OFF
2	T1-T2	ON	OFF
3	T2-T3	OFF	ON
4	T3-T4	OFF	OFF

FIG. 19

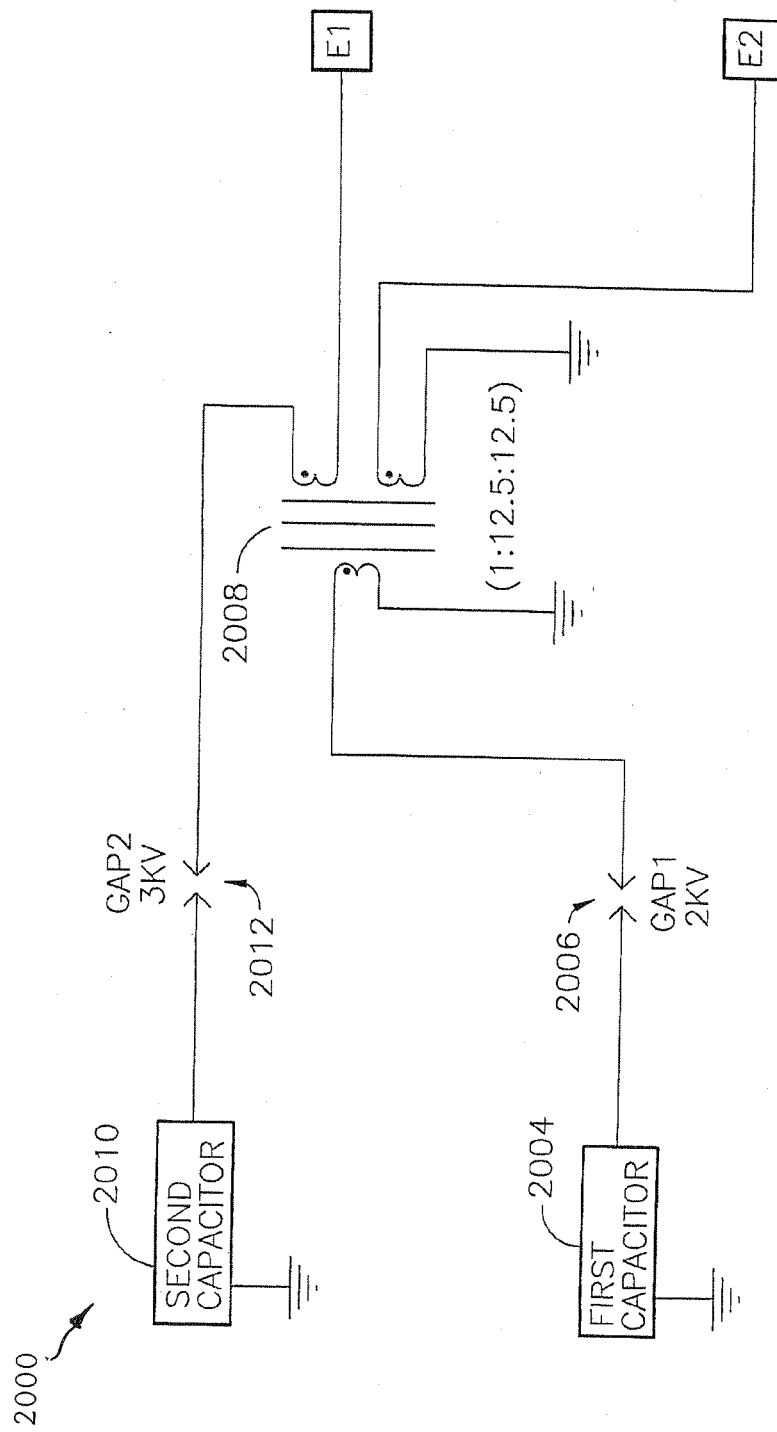
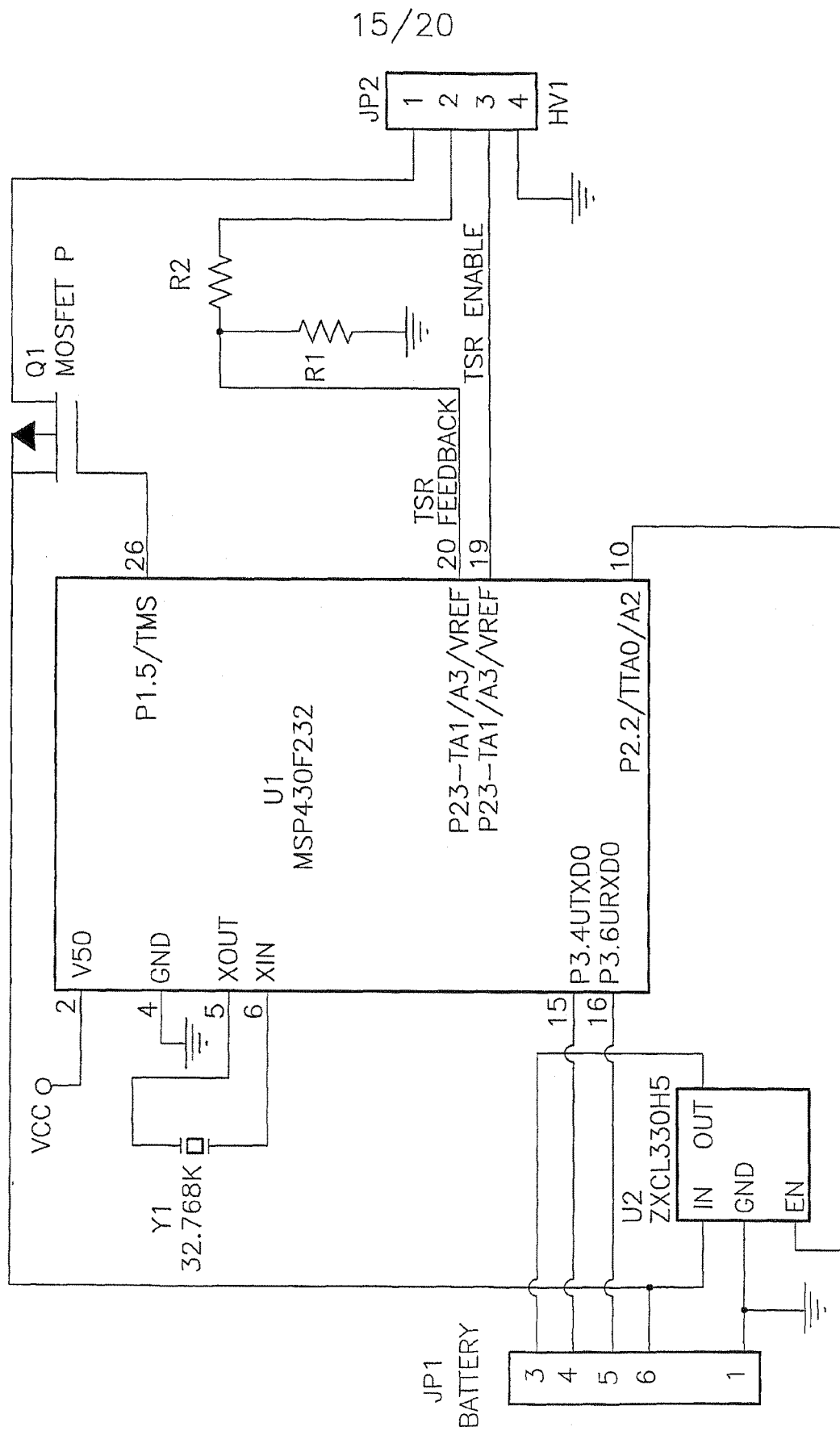


FIG. 20

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FIG. 21

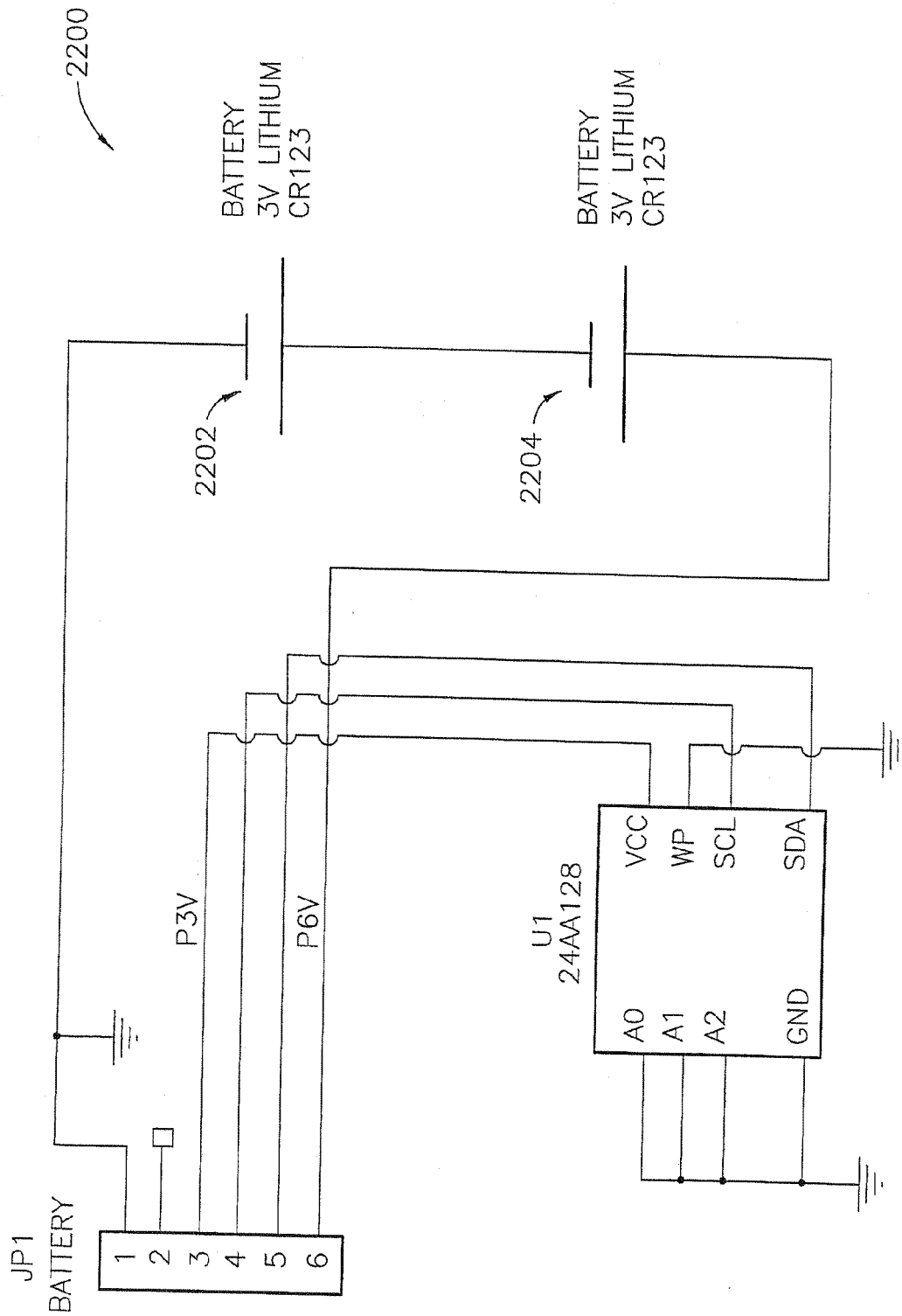


FIG. 22

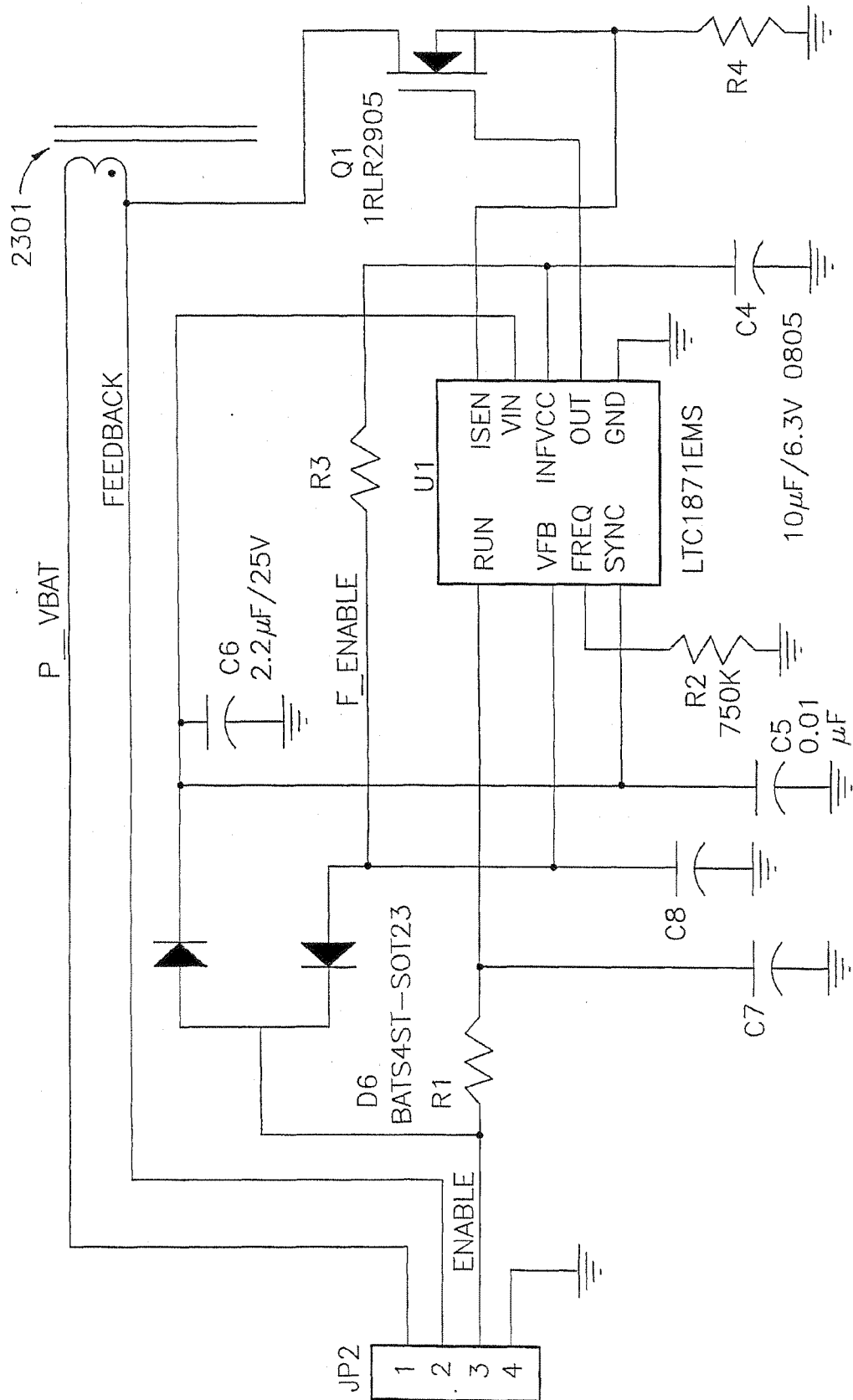


FIG. 23A

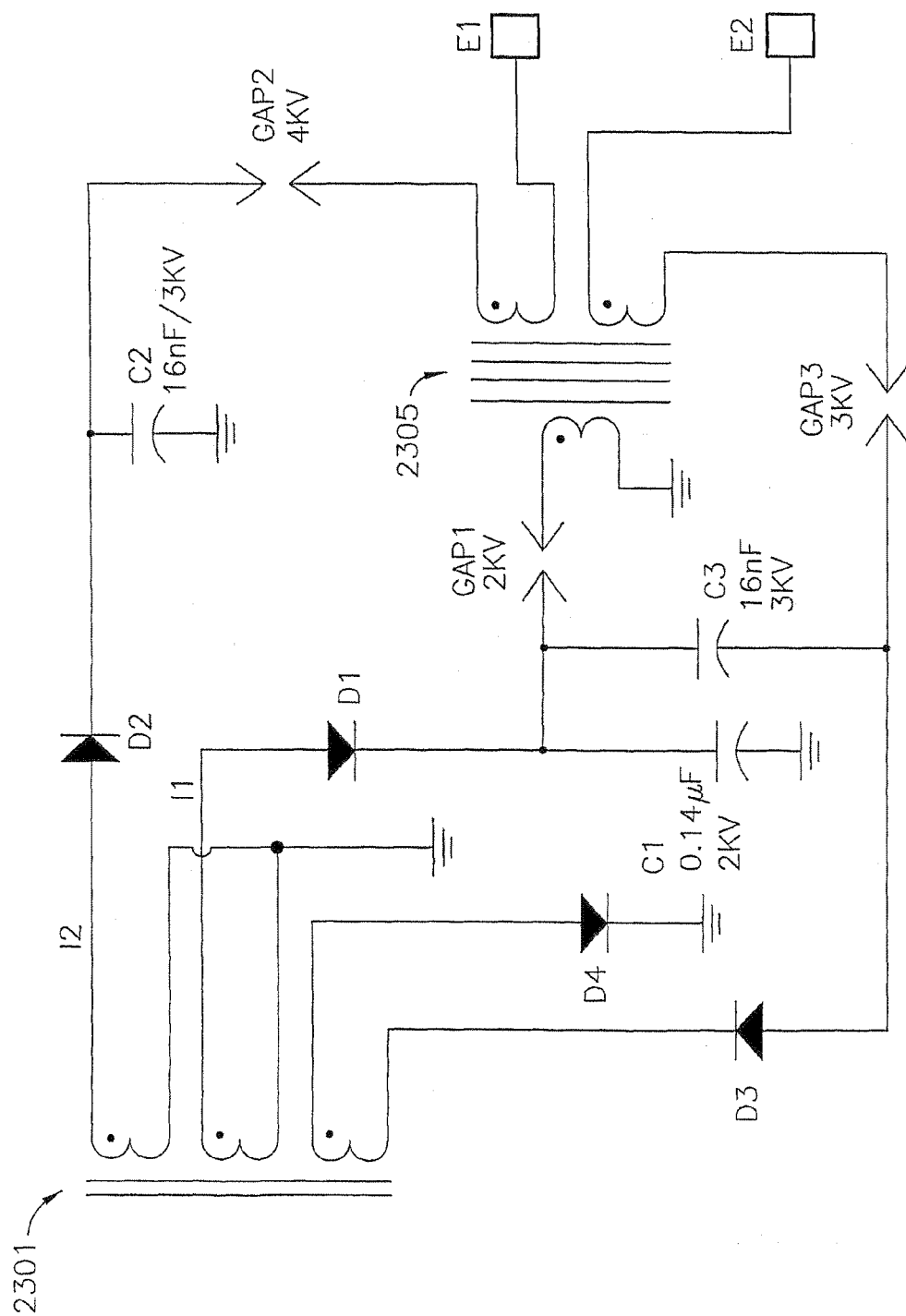


FIG. 23B

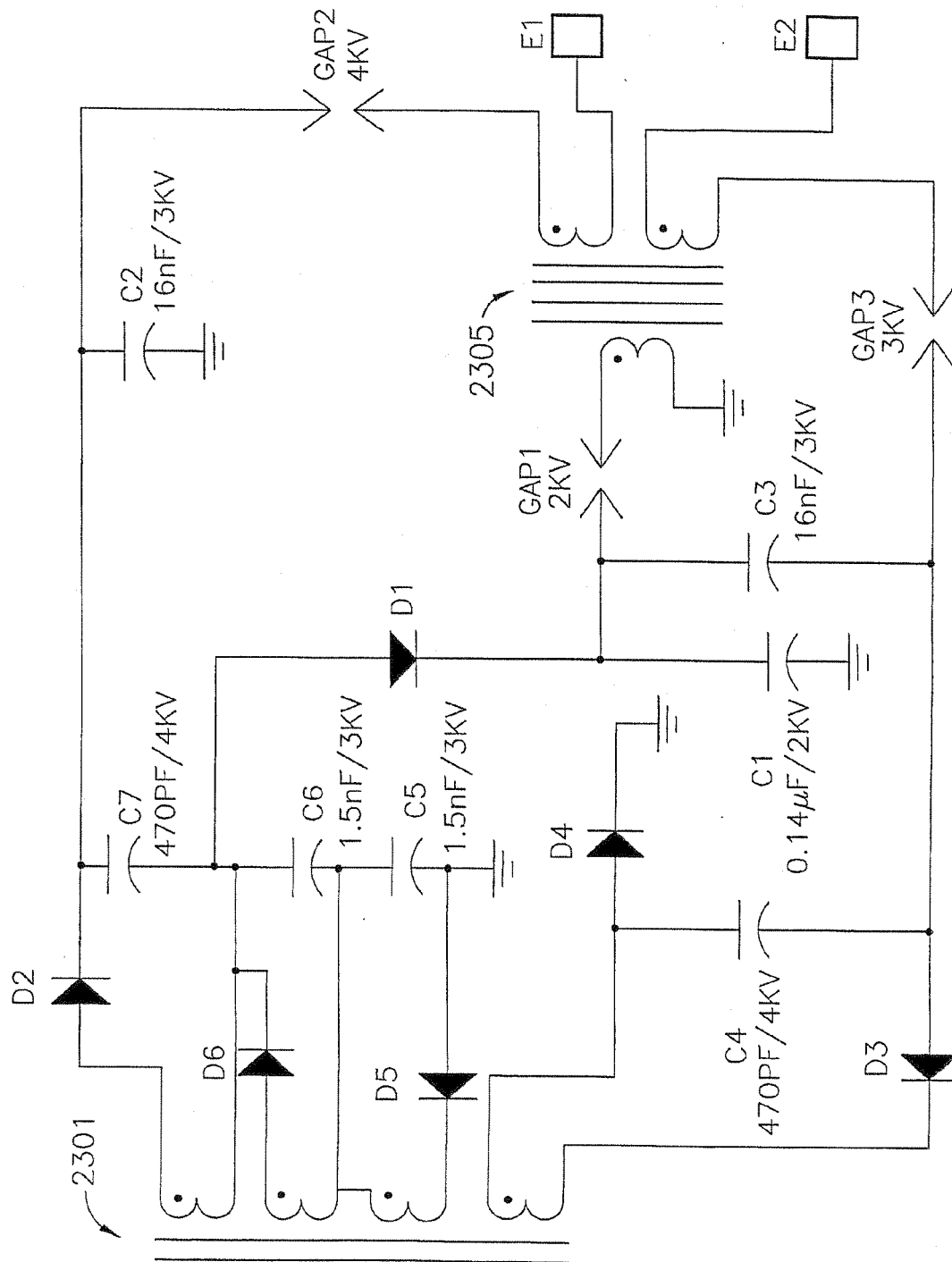


FIG. 24

TEMP [°C]	PULSE PWR $\mu\text{AH/PULSE}$	LASER $\mu\text{AH/SEC}$	FLASHLIGHT $\mu\text{AH/SEC}$	CLOCK $\mu\text{AH/24HRS}$	MICROP $\mu\text{AH/SEC}$
-20	2104	19	64	350	4
-19	2042	18.8	63.45	349	4
-18	1980	18.6	62.9	348	4
-17	1918	18.4	62.35	347	4
-16	1856	18.2	61.8	346	4
-15	1794	18	61.25	345	4
-14	1732	17.8	60.7	344	4
-13	1670	17.6	60.15	343	4
-12	1608	17.4	59.6	342	4
-11	1546	17.2	59.05	341	4
-10	1484	17	58.5	340	4
-9	1431	16.8	57.95	339	4
-8	1378	16.6	57.4	338	4

FIG. 25