

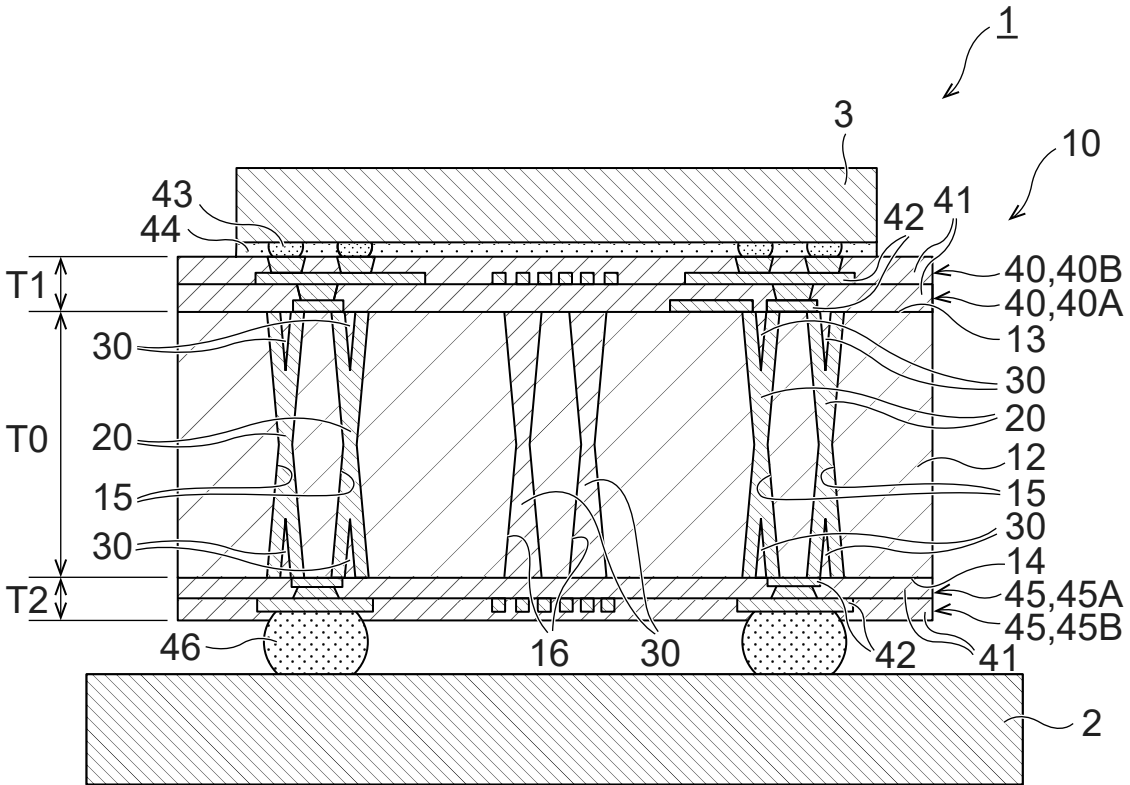


FIG. 1

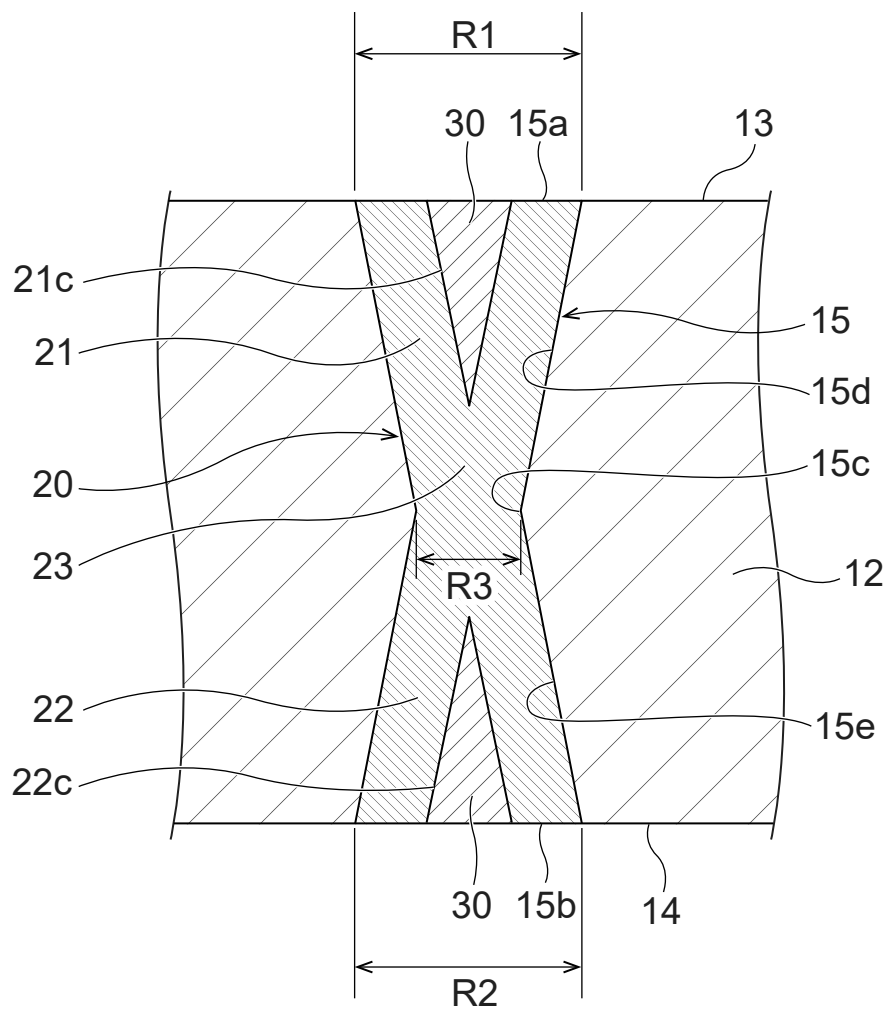


FIG. 2

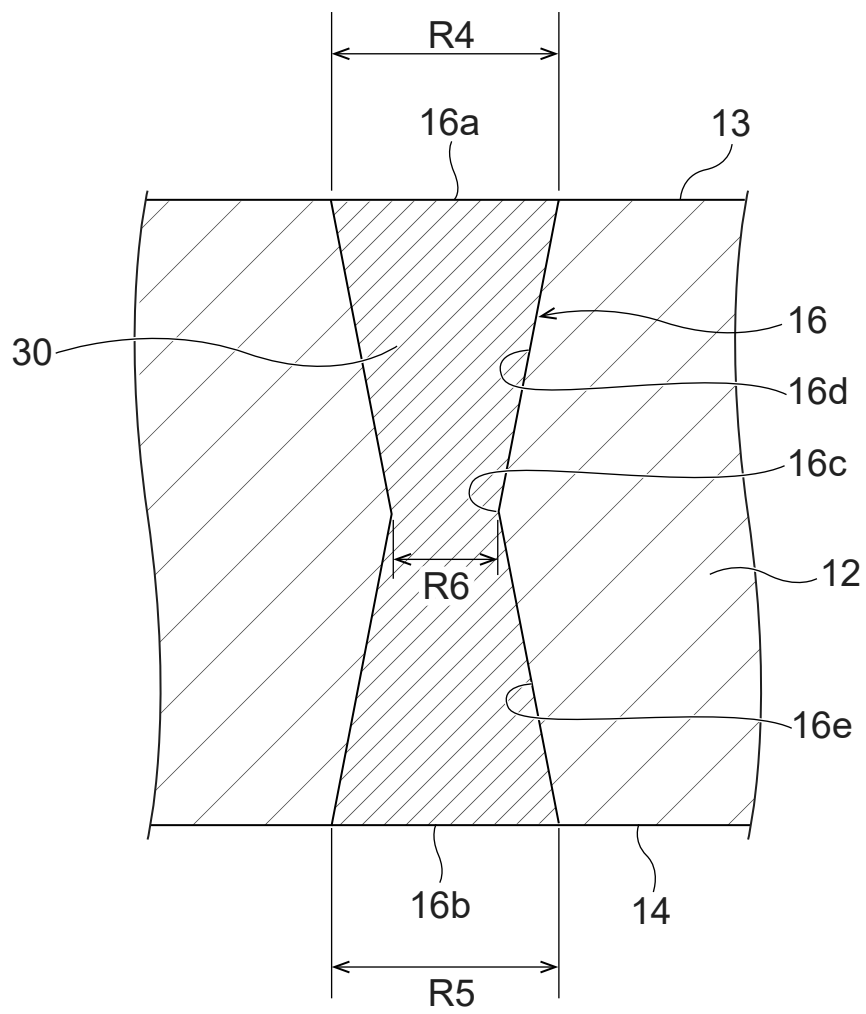


FIG. 3

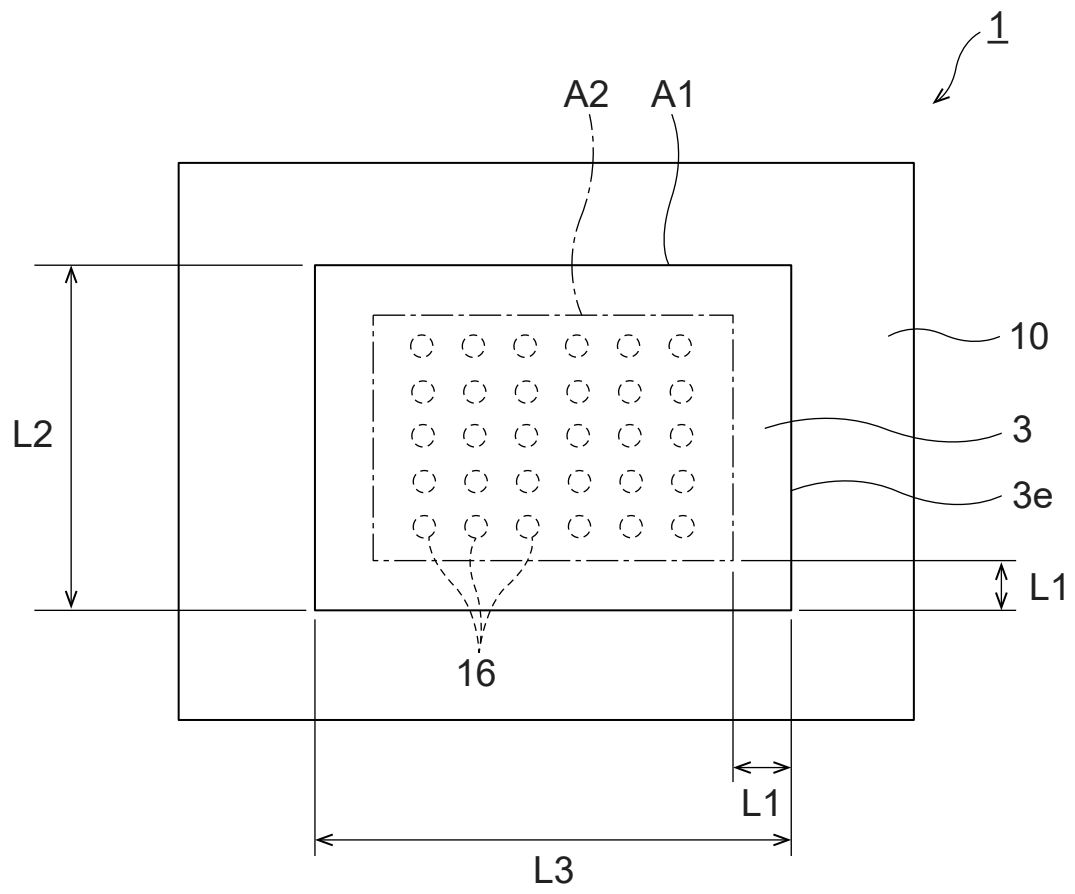


FIG. 4

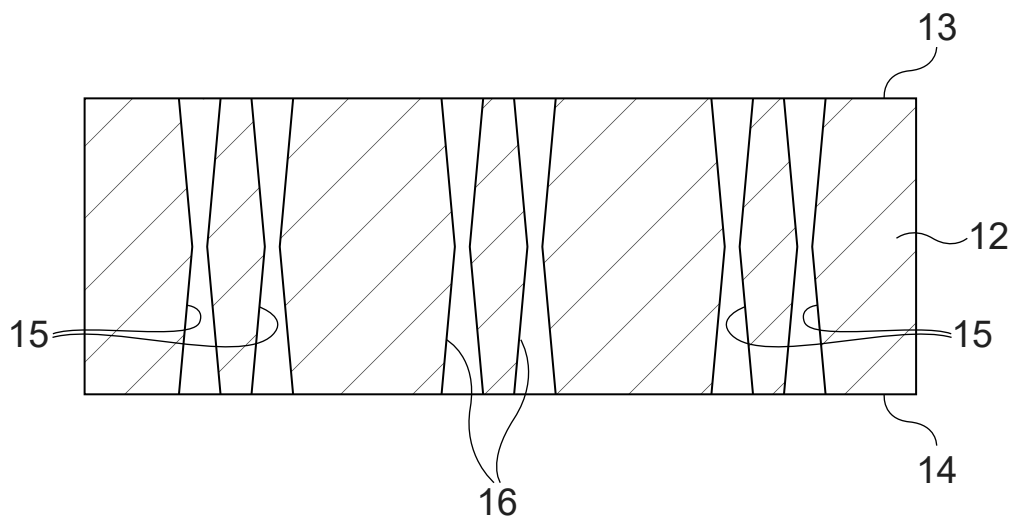


FIG. 5

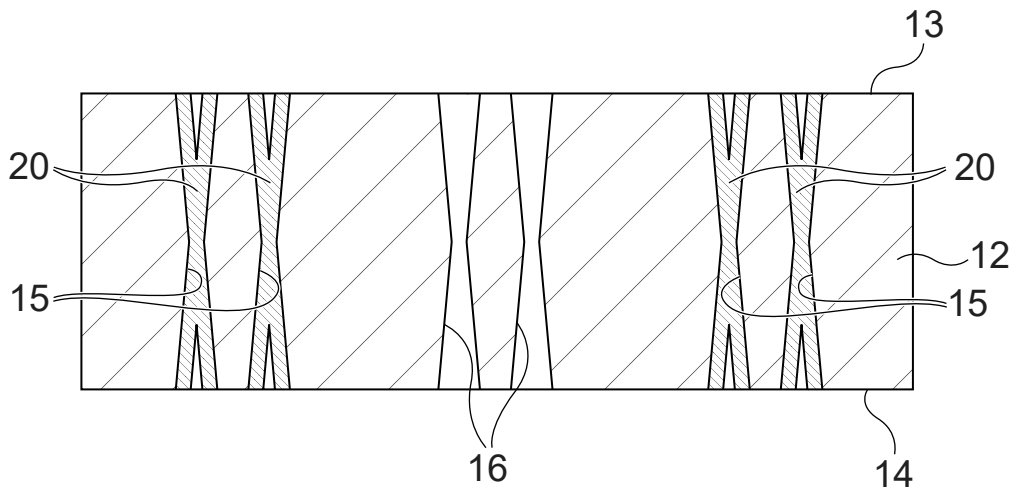


FIG. 6

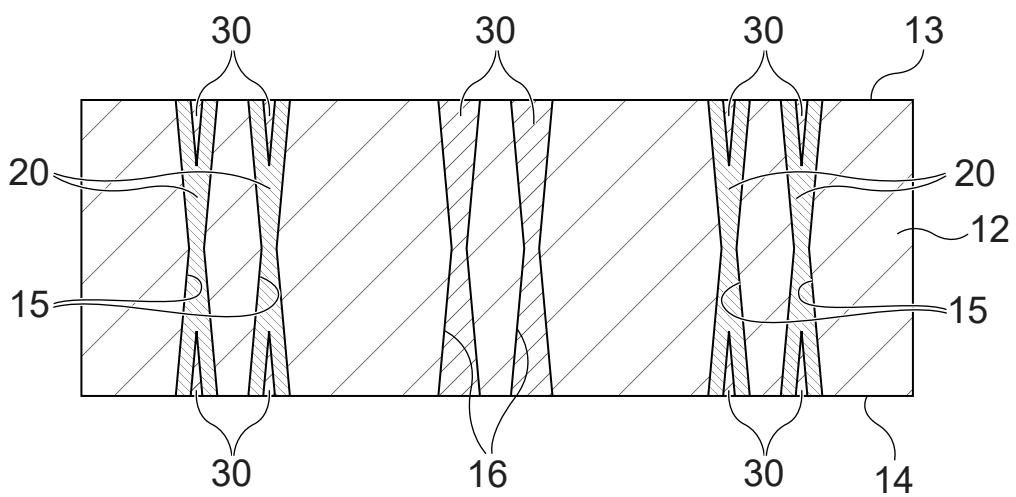


FIG. 7

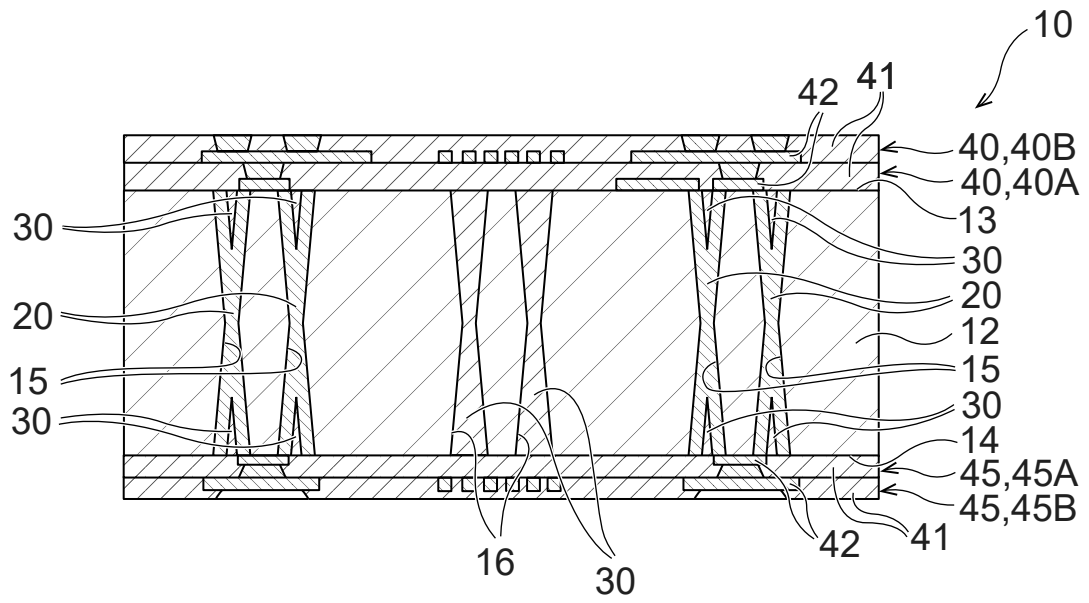


FIG. 8

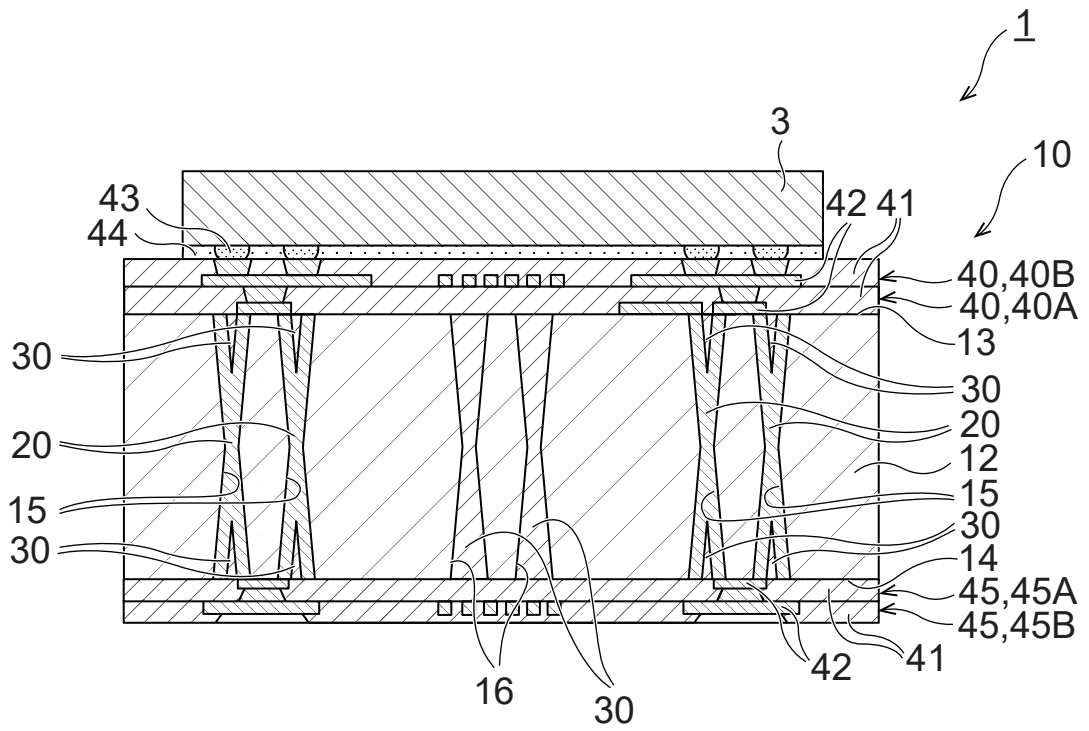


FIG. 9

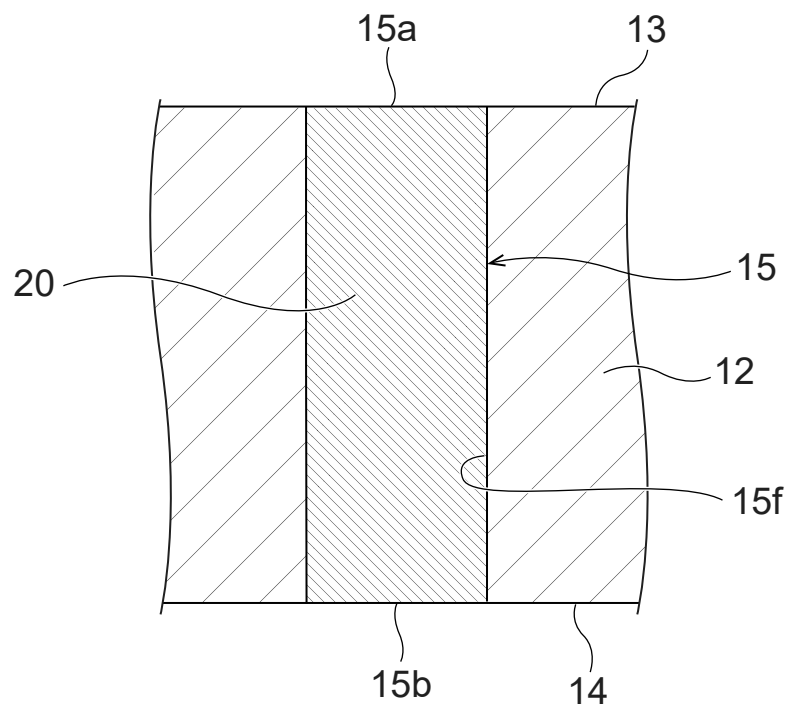


FIG. 10

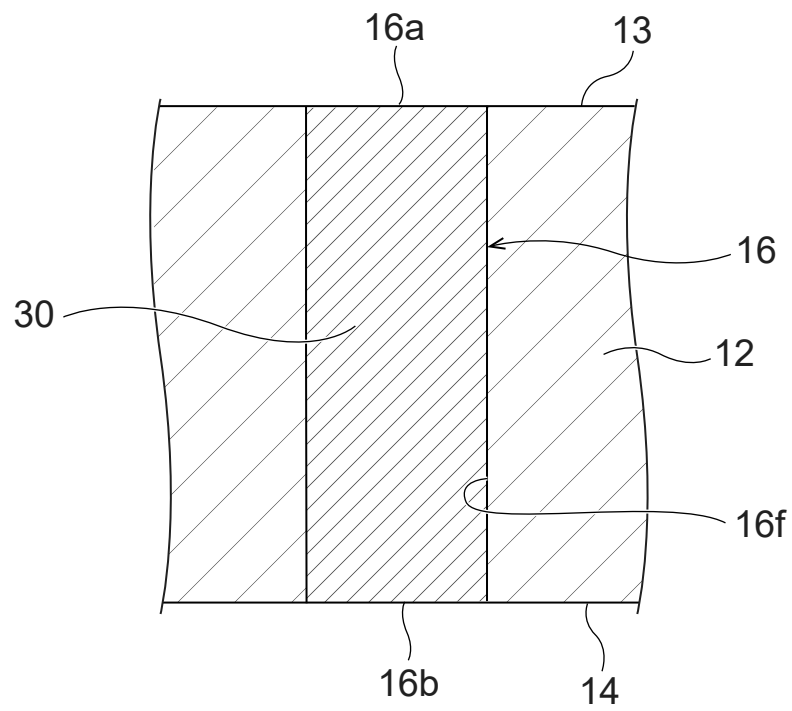


FIG. 11

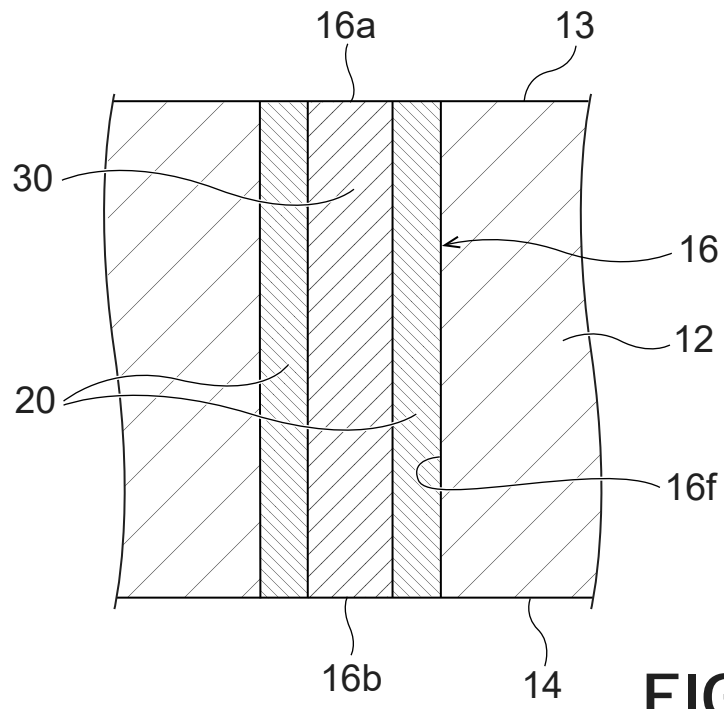


FIG. 12

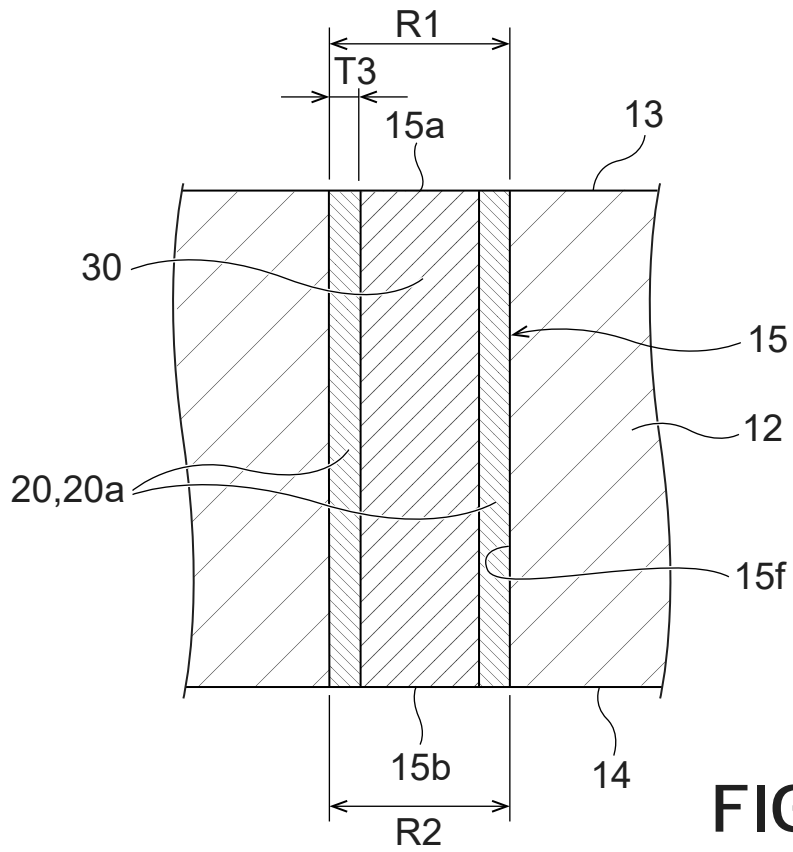


FIG. 13

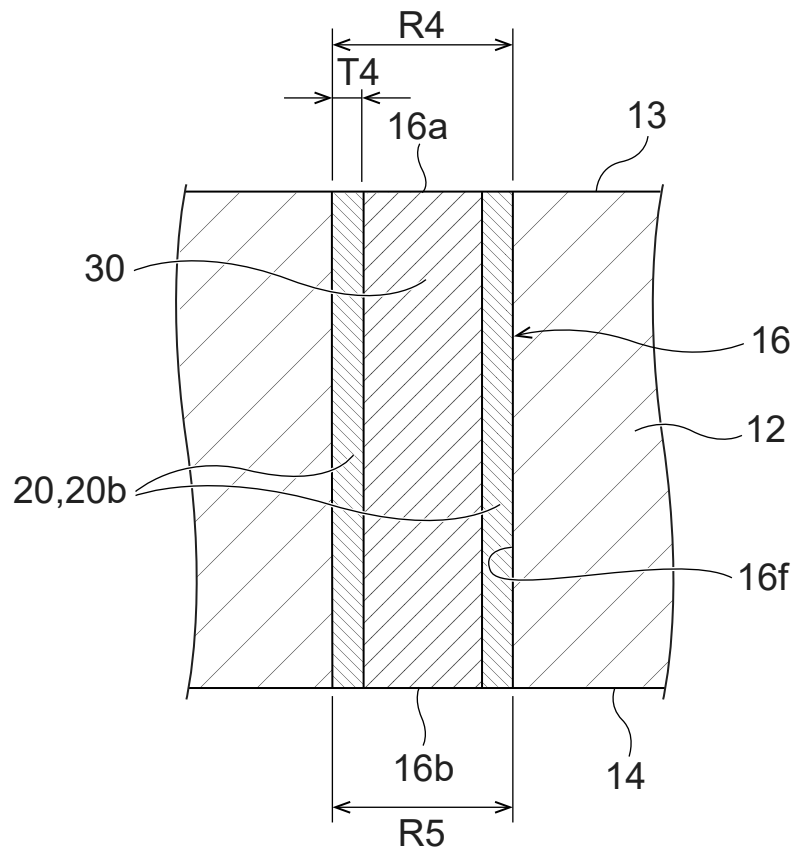


FIG. 14

FIG. 15

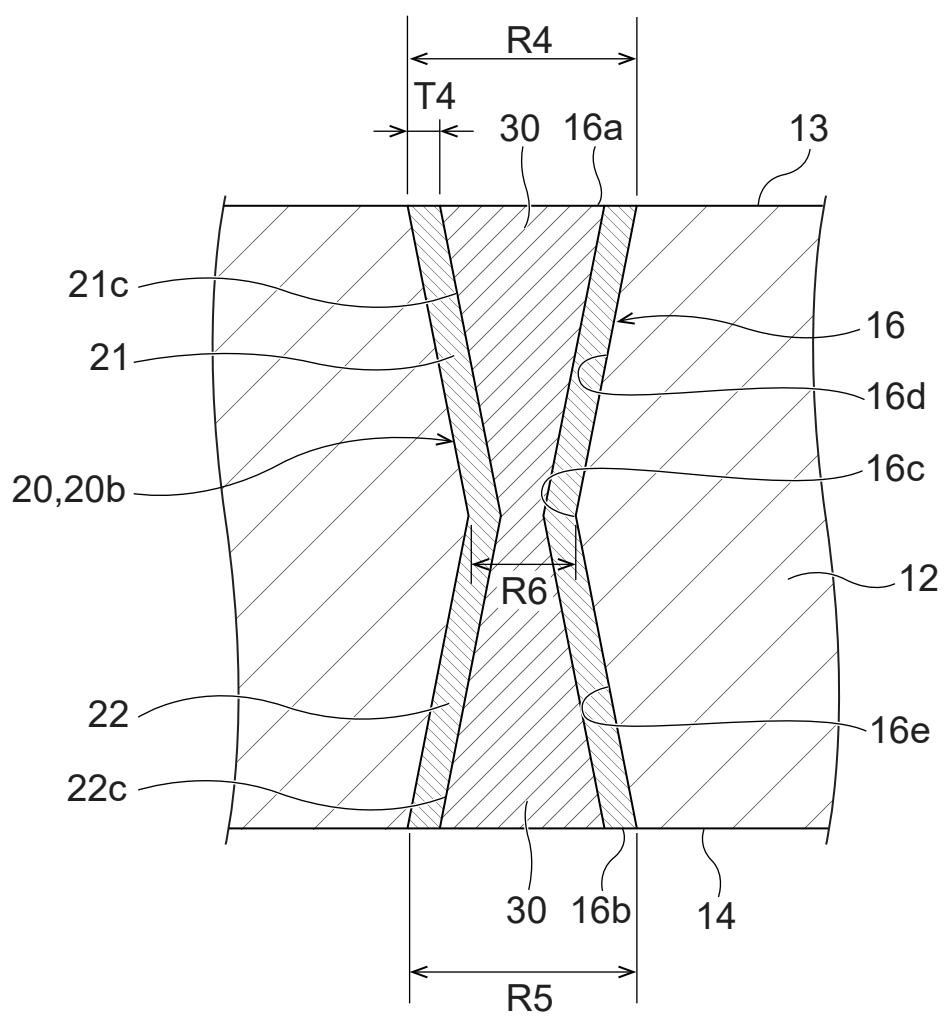
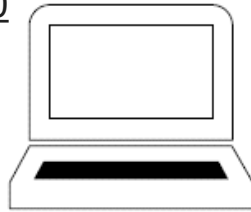
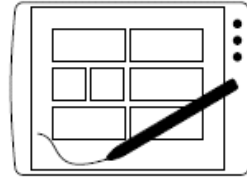


FIG. 16

110



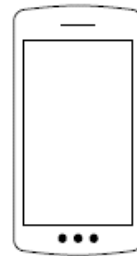
120



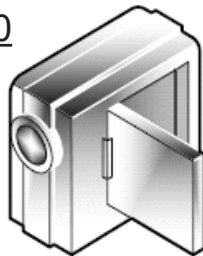
130



140



150



160



170



180

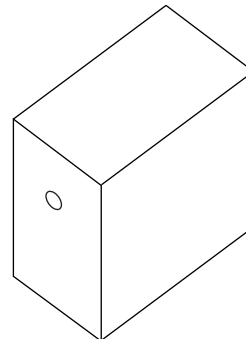


FIG. 17

NUMBER OF SECOND THROUGH HOLES (NUMBER/100 mm ²)	EXPANSION OF WIRING LAYER	CONNECTION DENSITY	OVERALL EVALUATION
5	PRESENT	GOOD	×
10	ABSENT	GOOD	○
50	ABSENT	GOOD	○
100	ABSENT	GOOD	○
250	ABSENT	GOOD	○
500	ABSENT	DECREASED	×
1000	ABSENT	DECREASED	×

FIG. 18

NUMBER OF SECOND THROUGH HOLES (NUMBER/100 mm ²)	EXPANSION OF WIRING LAYER	CONNECTION DENSITY	OVERALL EVALUATION
10	PRESENT	GOOD	×
27	ABSENT	GOOD	○
500	ABSENT	GOOD	○
1000	ABSENT	GOOD	○
2500	ABSENT	GOOD	○
3000	ABSENT	GENERATION OF CRACKS	×
3500	ABSENT	GENERATION OF CRACKS	×

FIG. 19