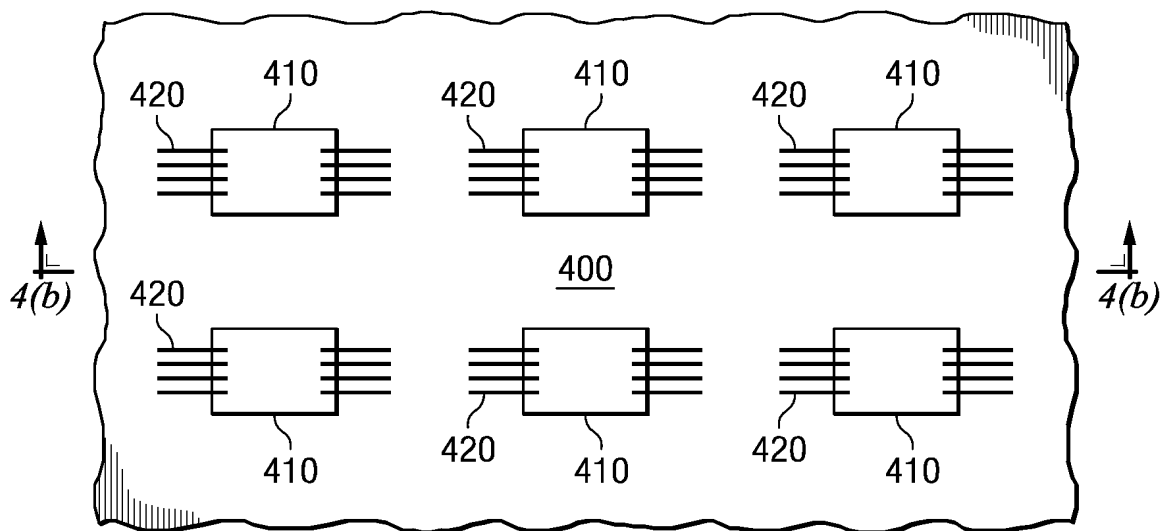
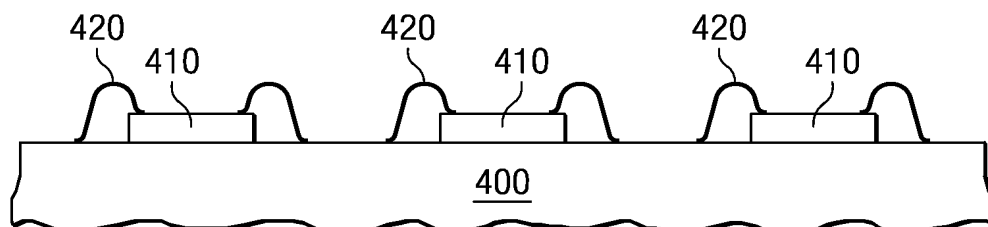
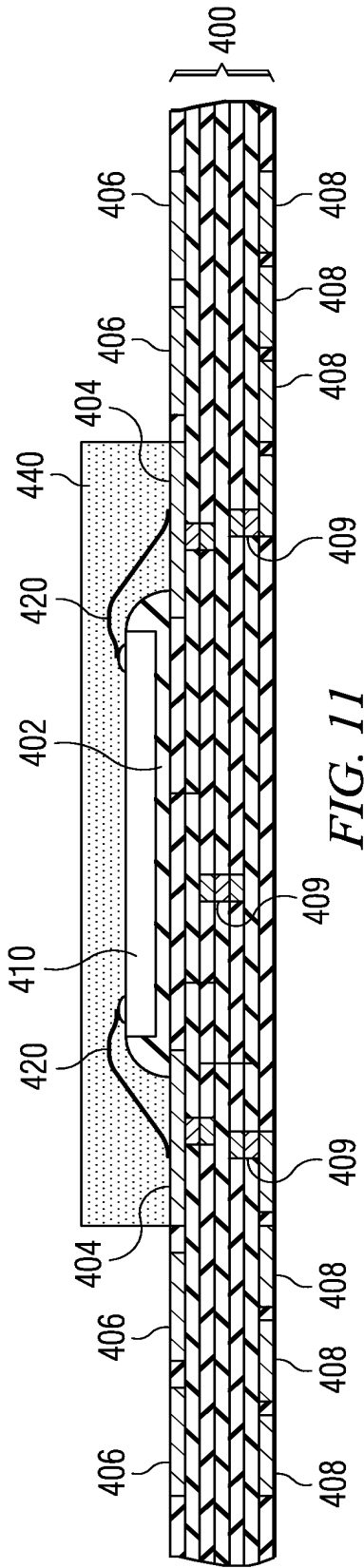
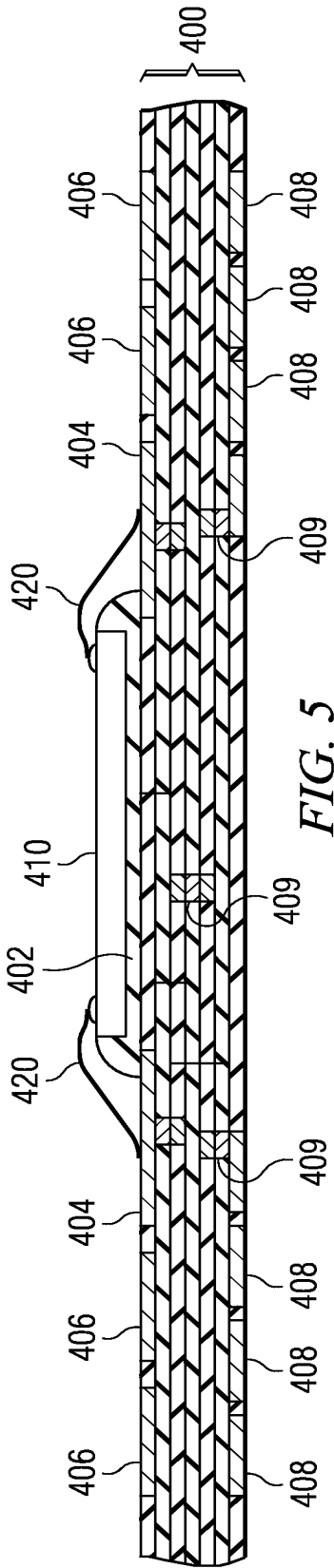
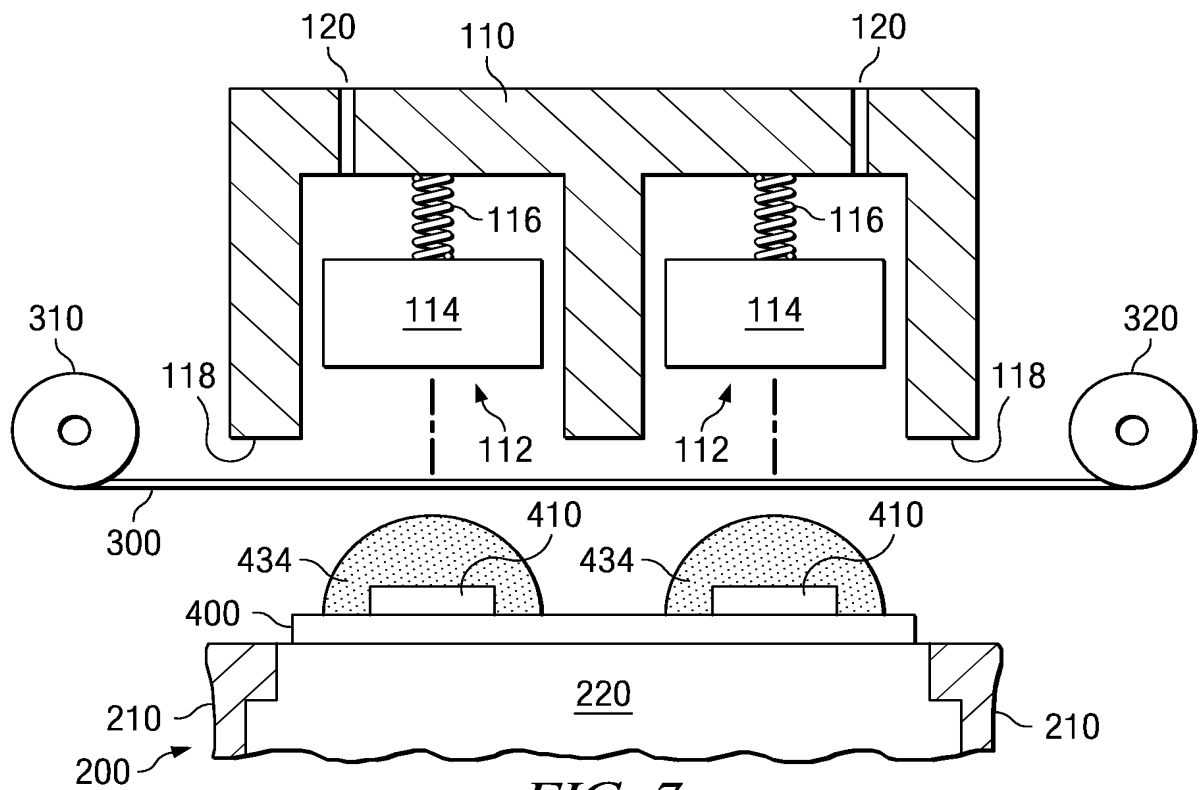
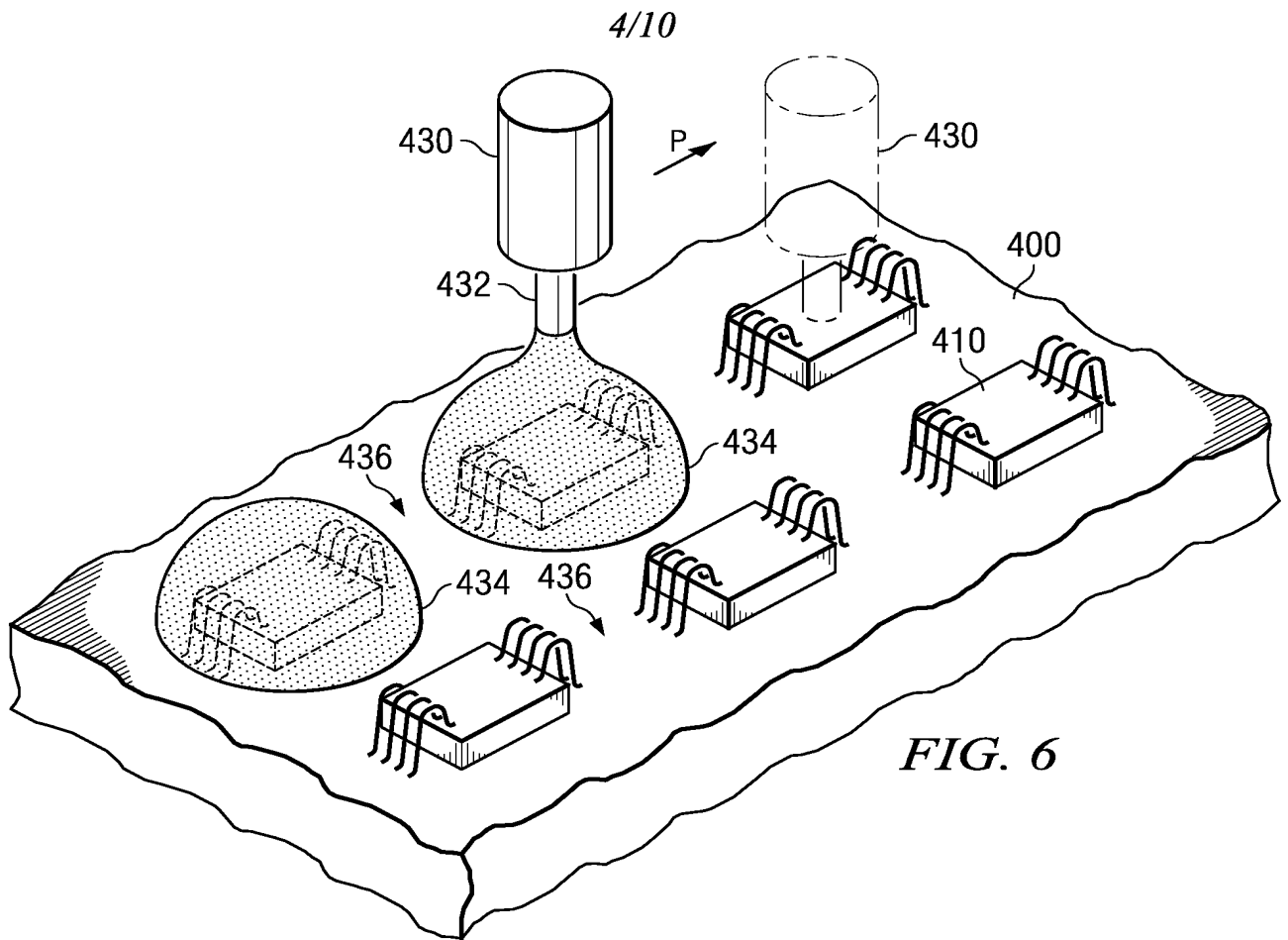


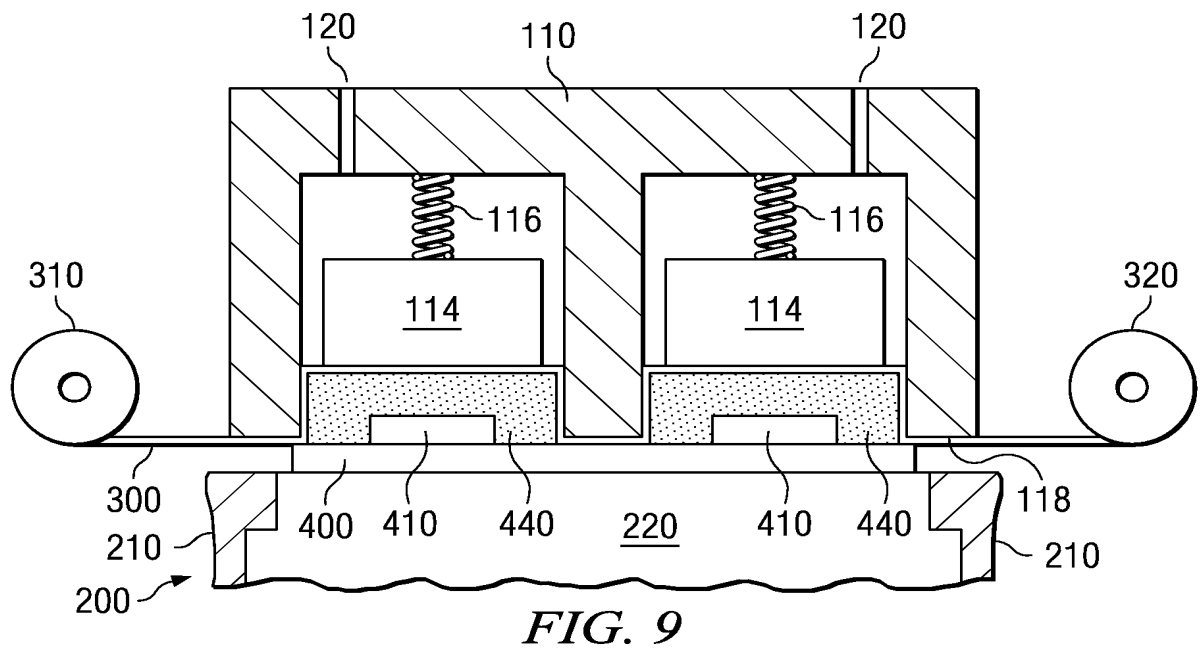
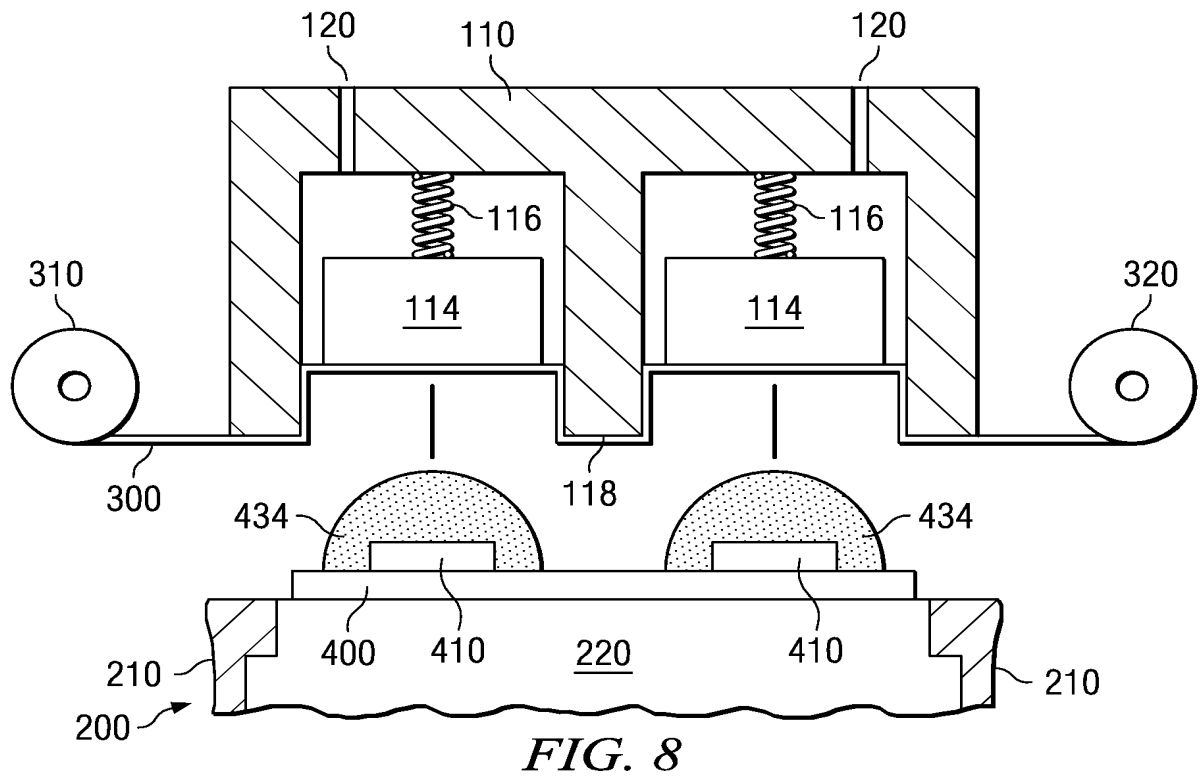
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MATERIAL		STEEL SAM97	CERAMIC A-103P
HARDNESS	HRC/HV	62.5 HRC	1750HV
COEFFICIENT OF THERMAL EXPANSION	mm/°C	$11.1 \times 10^{-6}$	$8.8 \times 10^{-6}$
THERMAL CONDUCTIVITY	J/cm · sec · °C	0.25	0.33
RESISTIVITY	$\Omega$ cm	$\approx$ ZERO	$1.2 \times 10^{15}$

*FIG. 3**FIG. 4(a)**FIG. 4(b)*







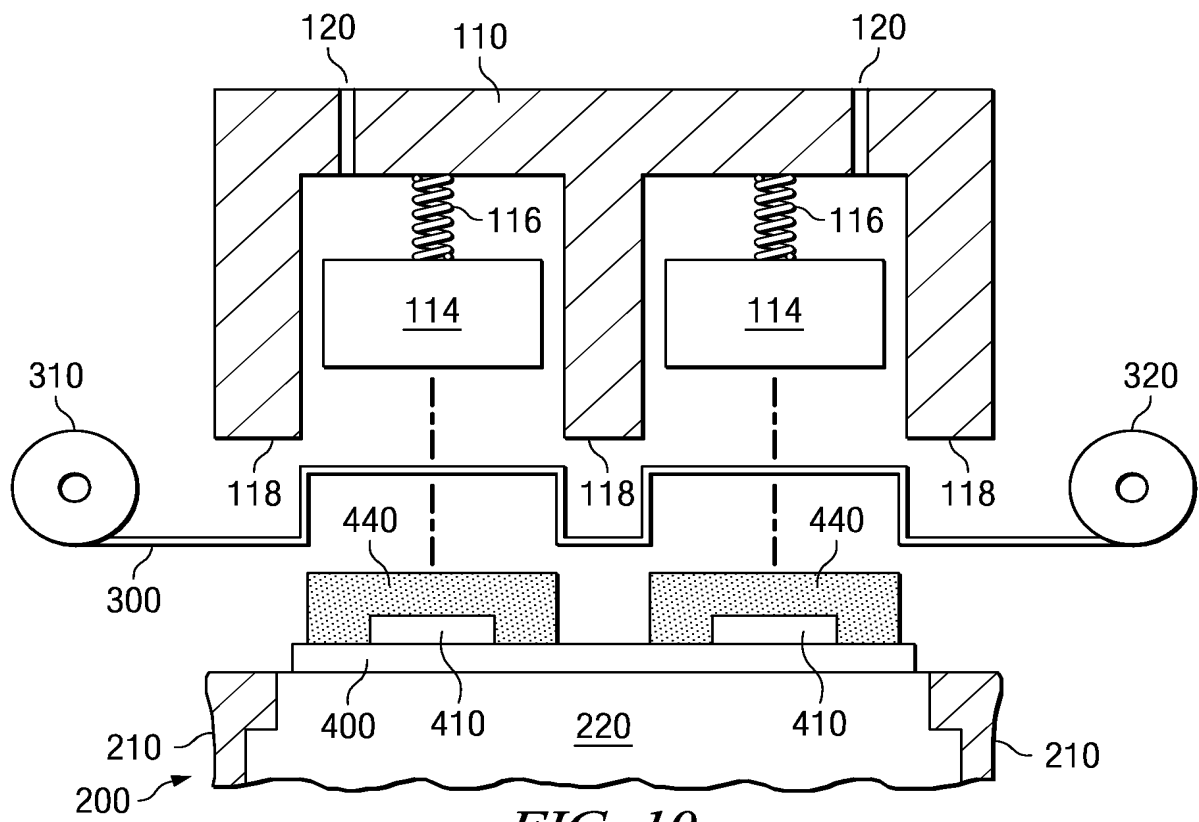
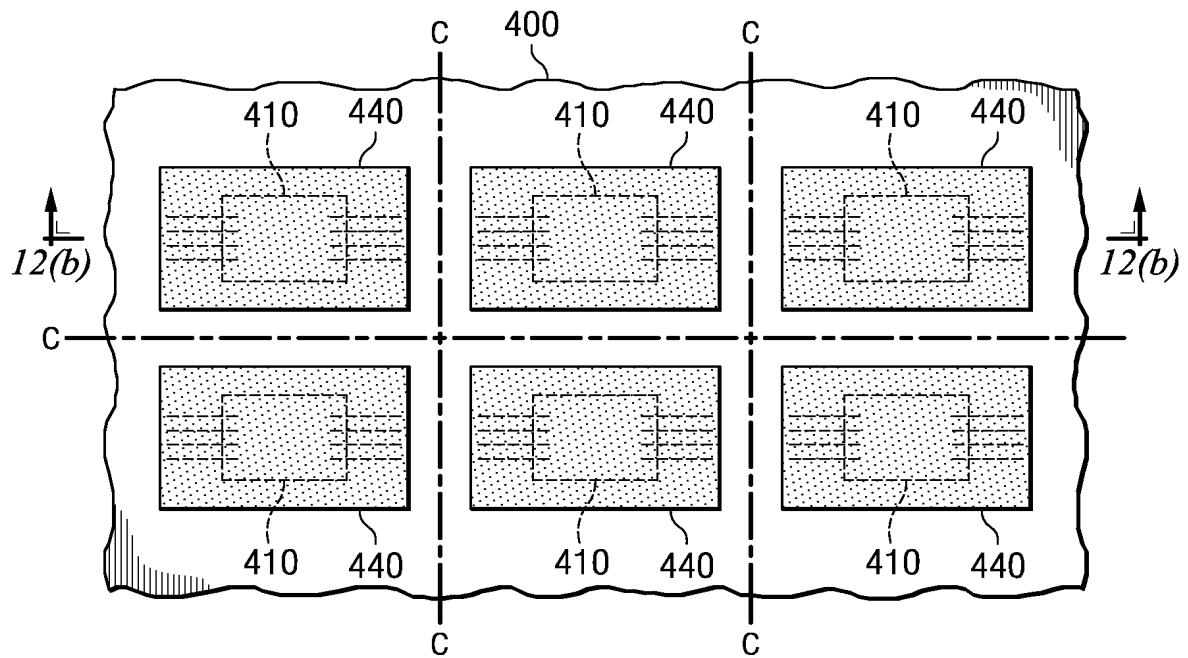
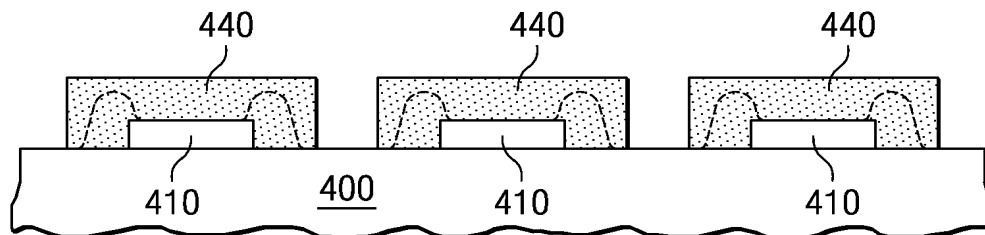
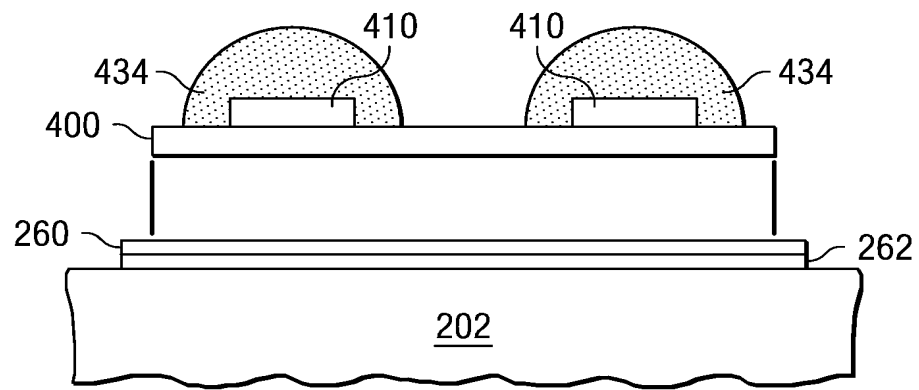
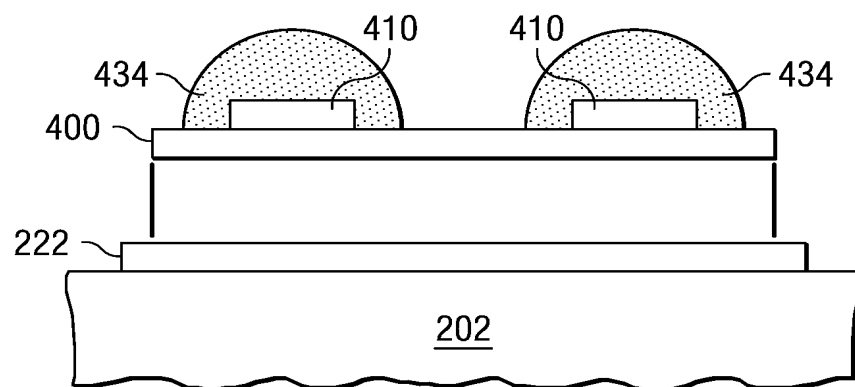


FIG. 10

*FIG. 12(a)**FIG. 12(b)*



*FIG. 13(a)*



*FIG. 13(b)*



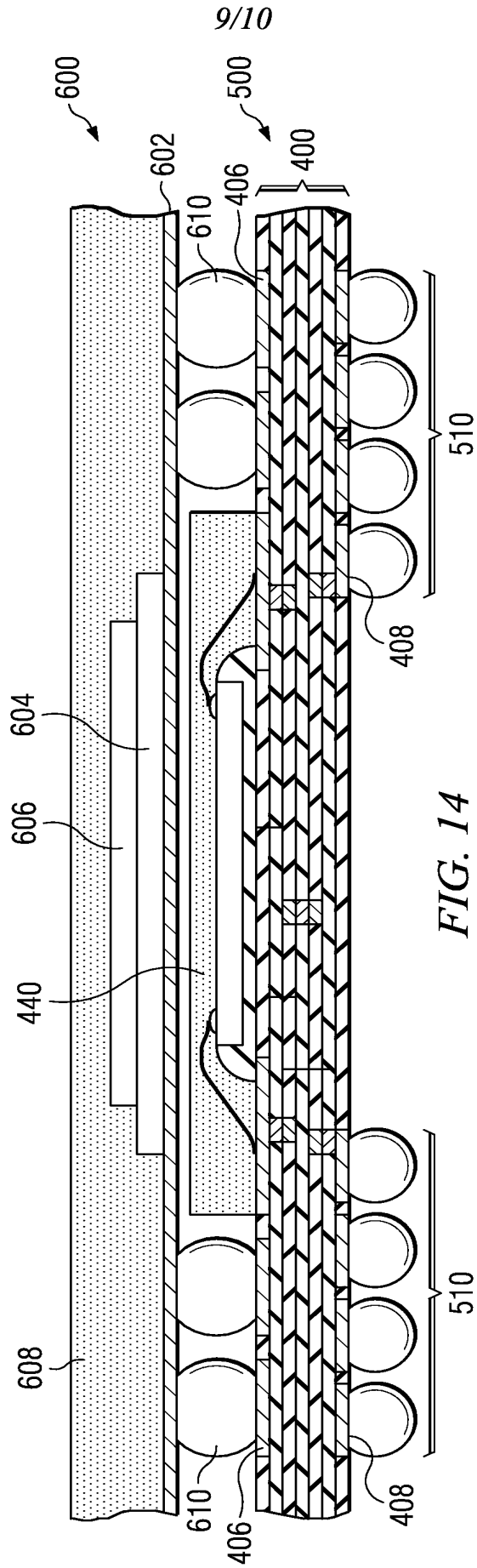


FIG. 14

