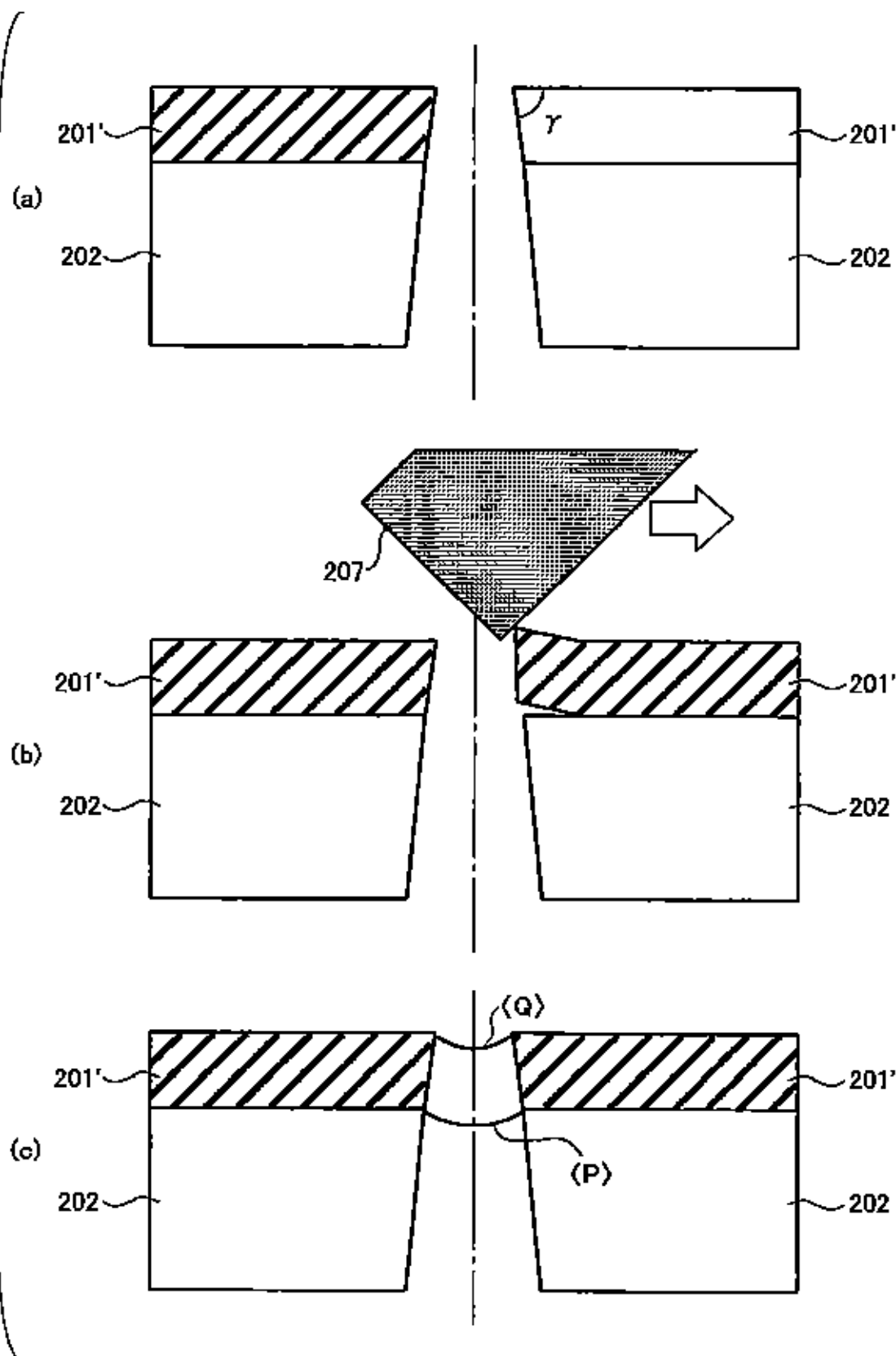


FIG. 1



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FIG.2

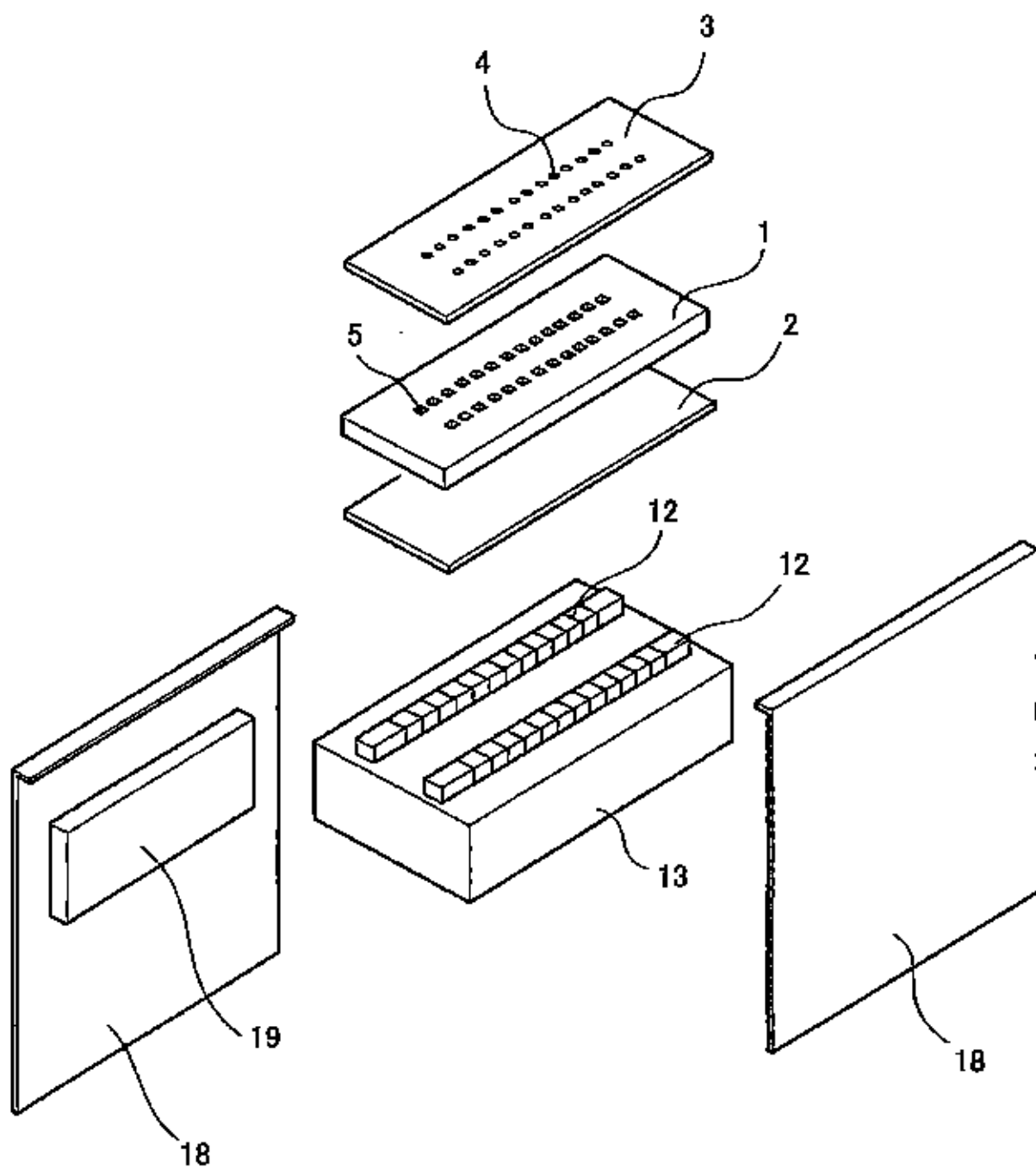


FIG.3

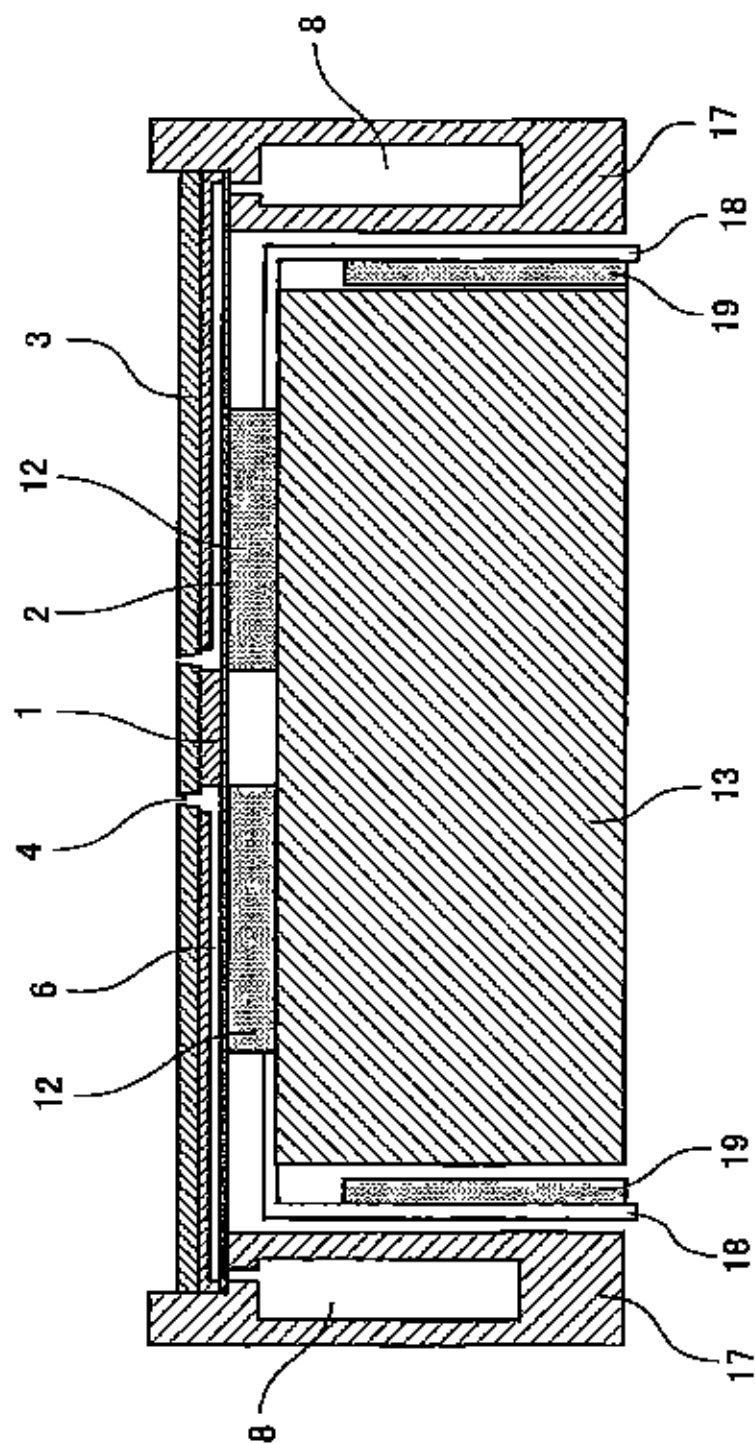
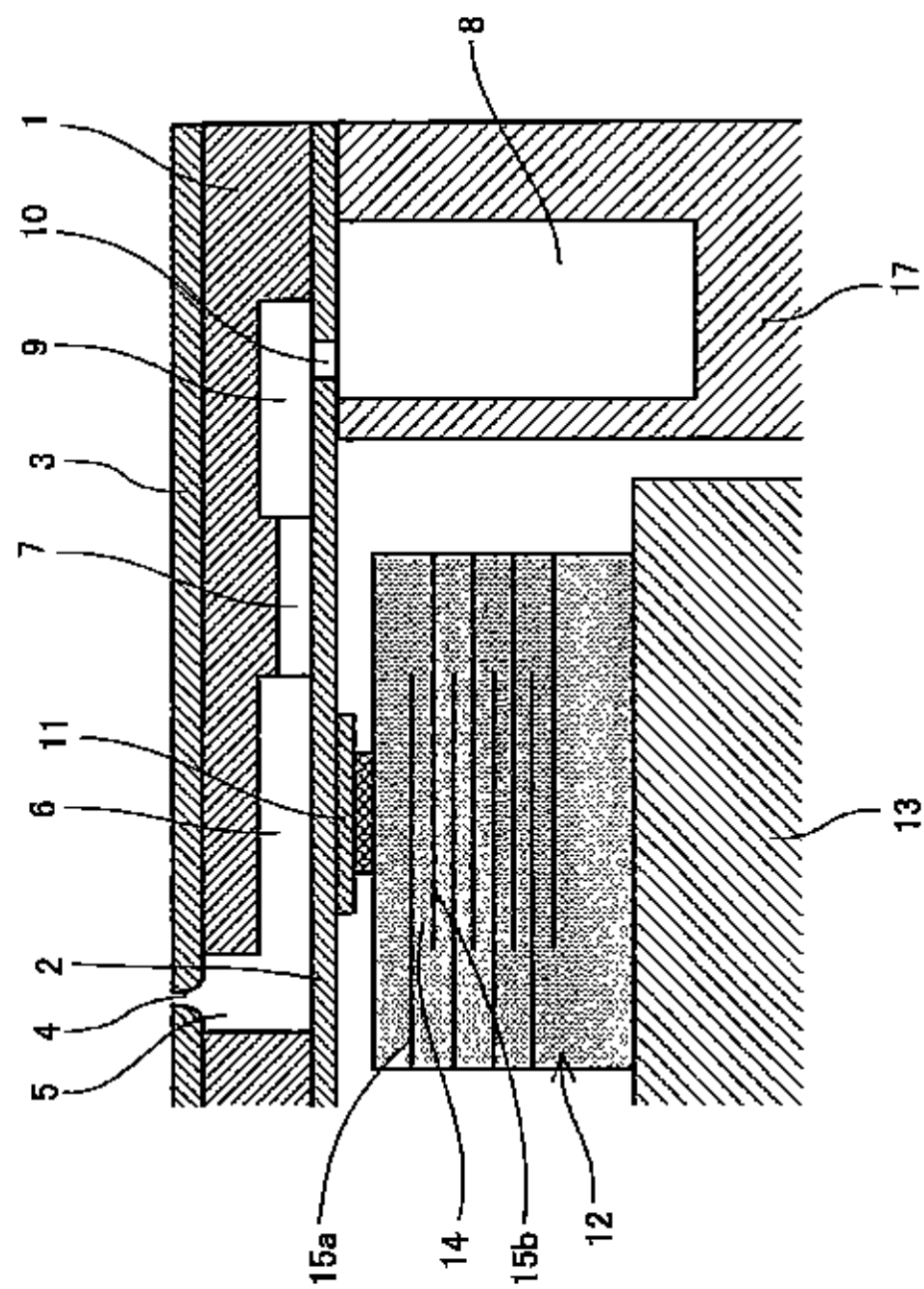
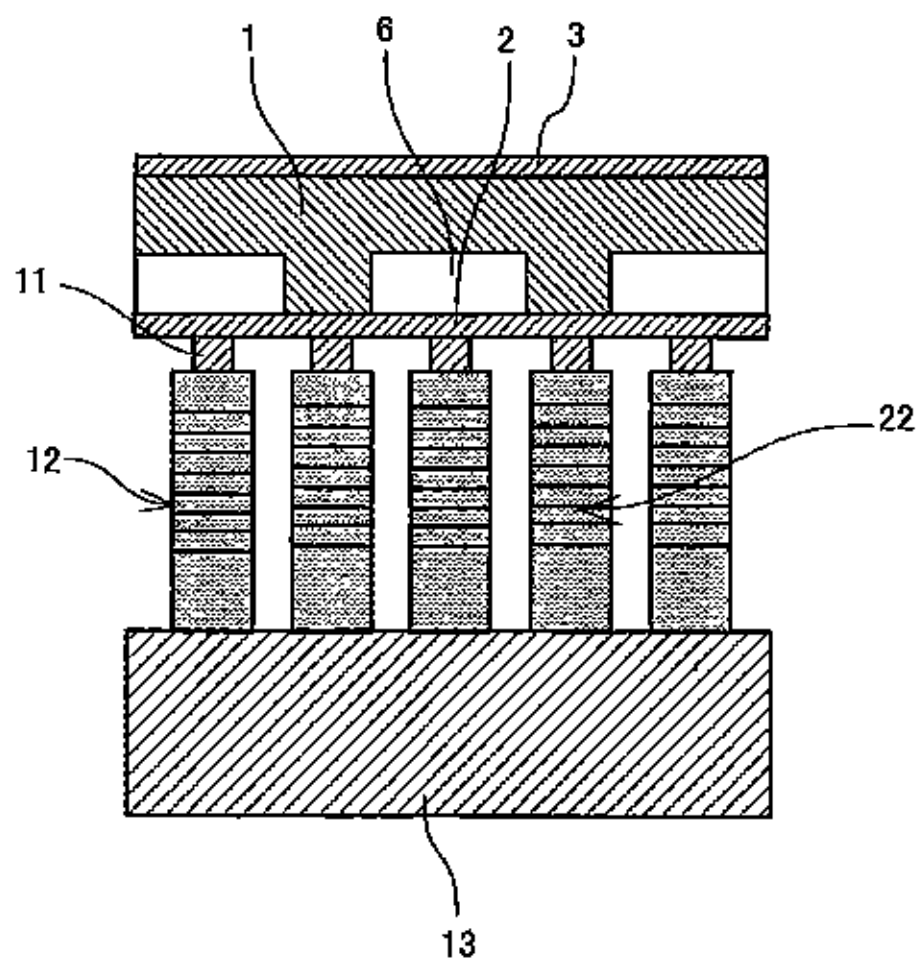


FIG.4



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FIG.5



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FIG.6

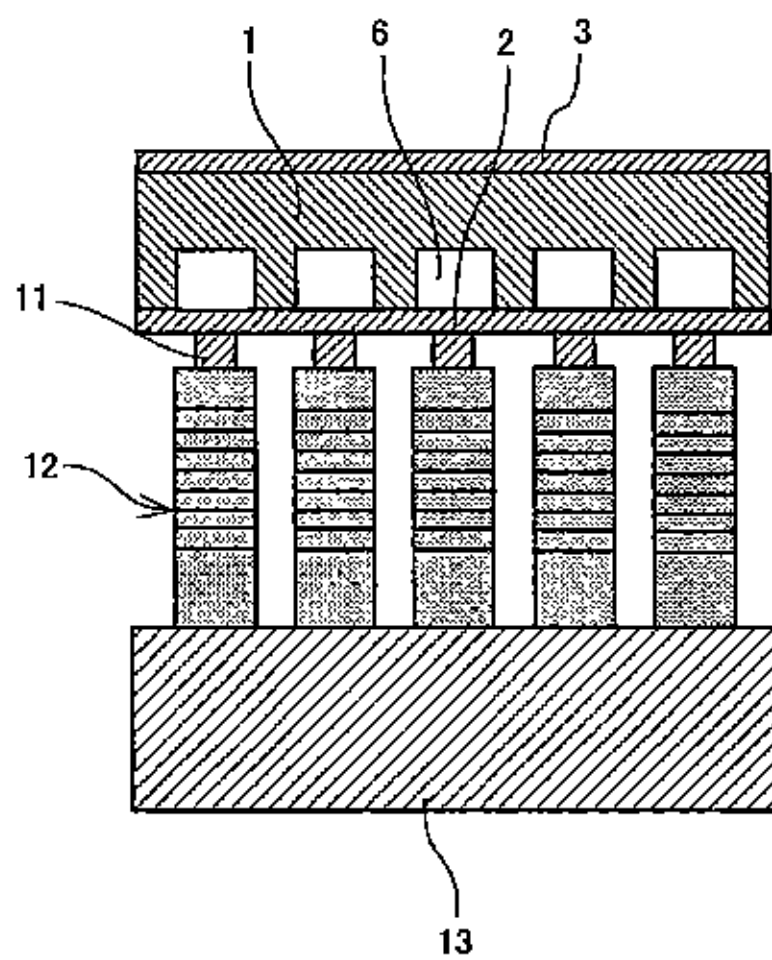
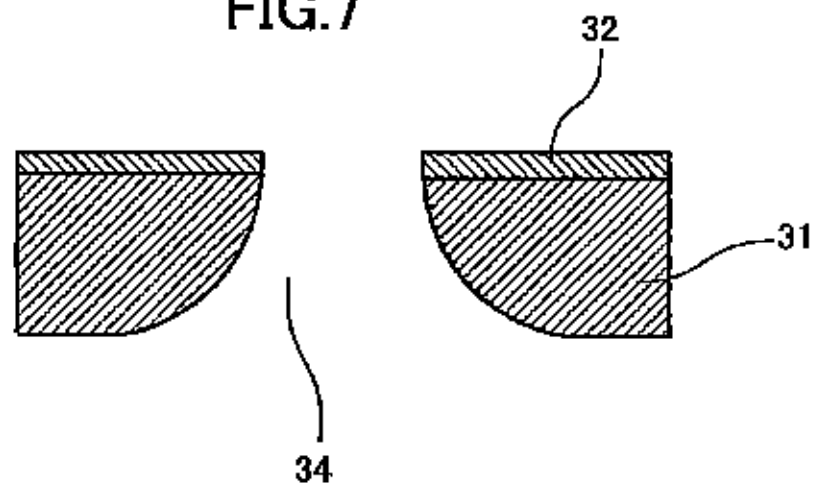


FIG.7



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FIG.8

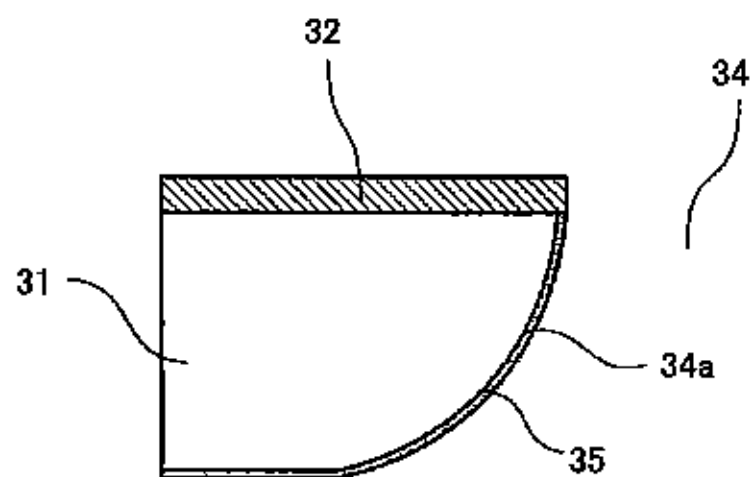
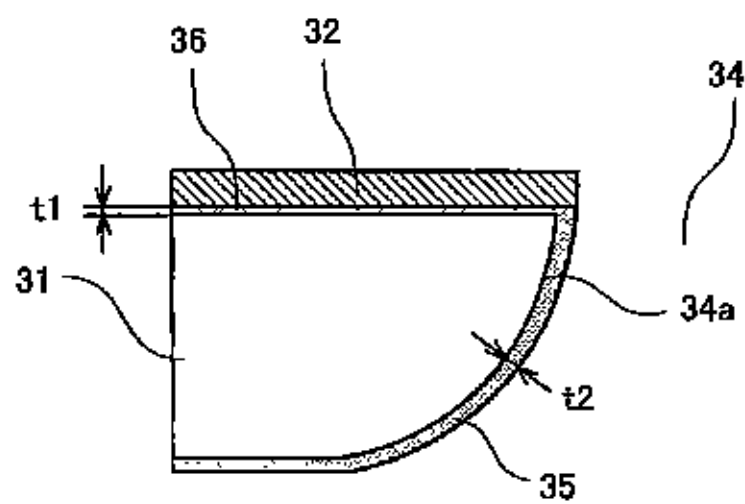
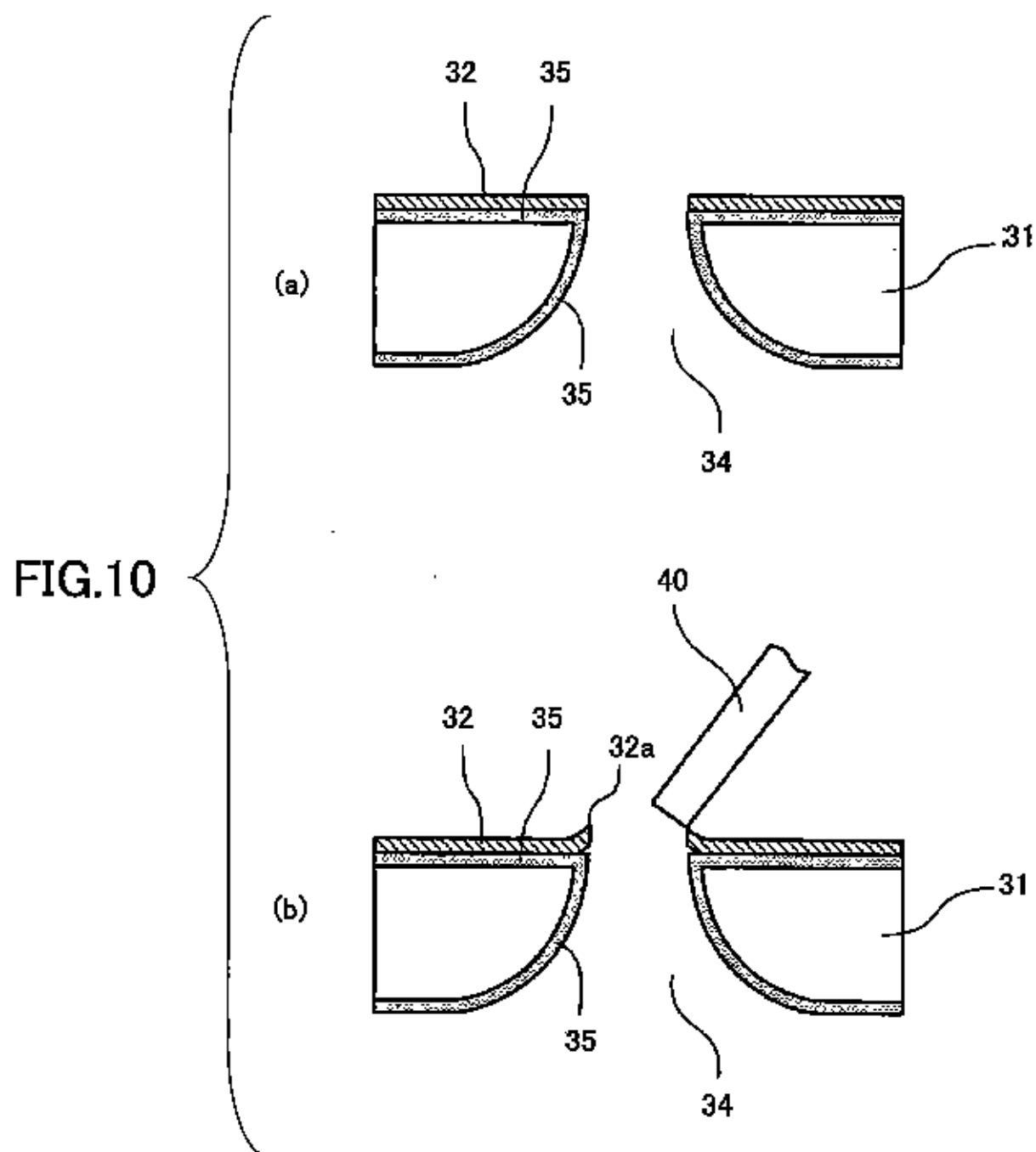


FIG.9





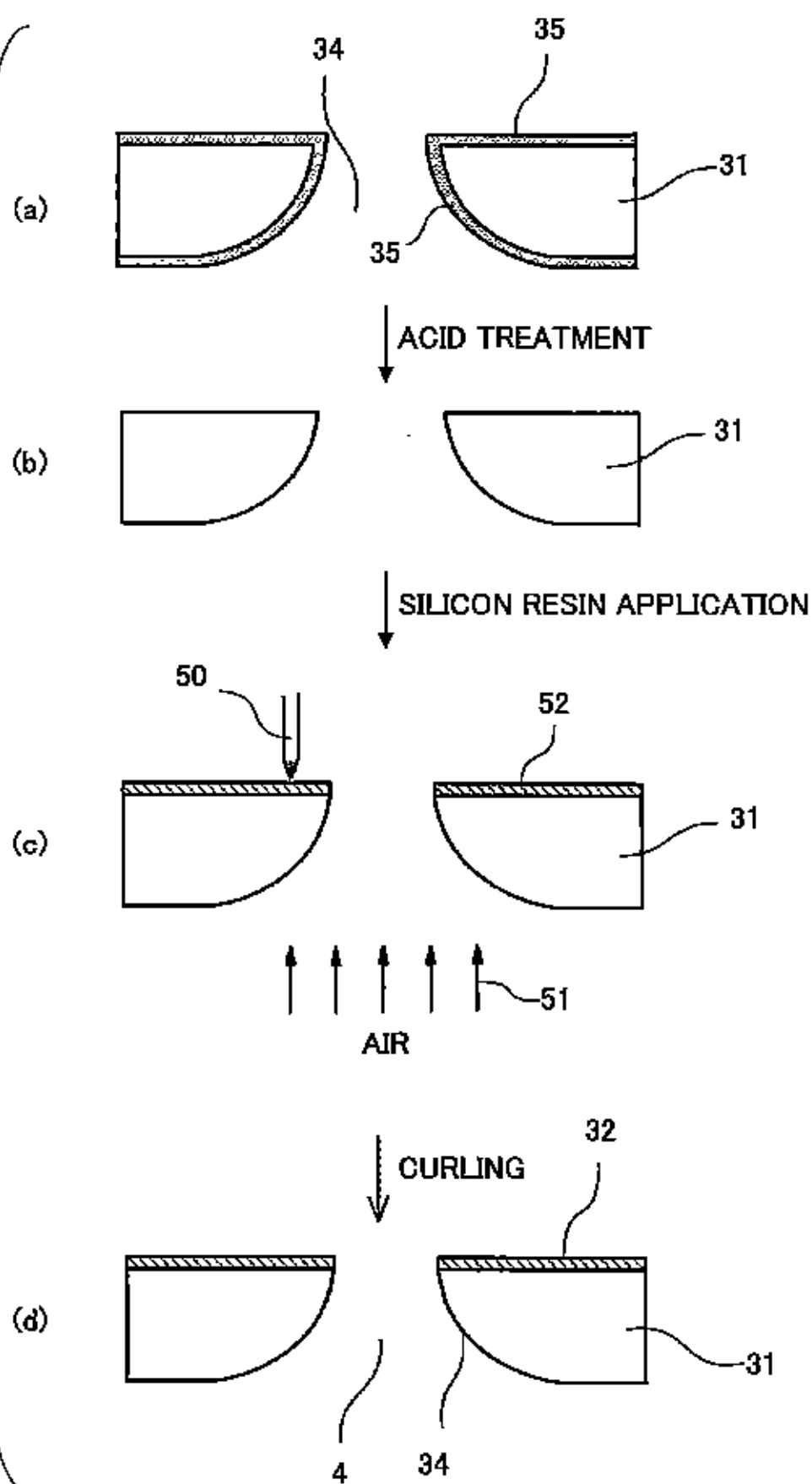
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FIG.11

	OXIDE FILM	
	YES	NO
INITIAL STAGE	○ (NO PEELING)	○ (NO PEELING)
AFTER INK SOAKING	× (PEELING EXISTS)	○ (NO PEELING)

FIG.12

	OXIDE FILM (WET FILM)	
	YES	NO
INK pH=3	△ (LITTLE Ni ELUTION)	× (LARGE Ni ELUTION)
INK pH=9	○ (NO Ni ELUTION)	△ (LITTLE Ni ELUTION)
ADDING ELUTION PREVENTION AGENT	○ (NO Ni ELUTION)	○ (NO Ni ELUTION)

FIG.13



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FIG.16

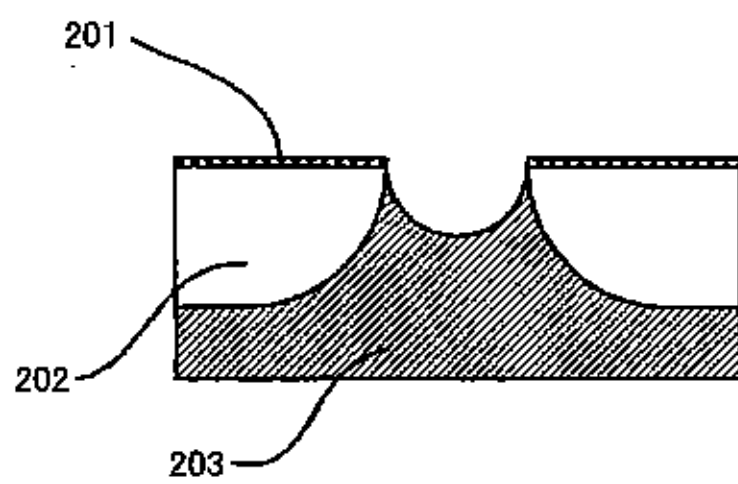
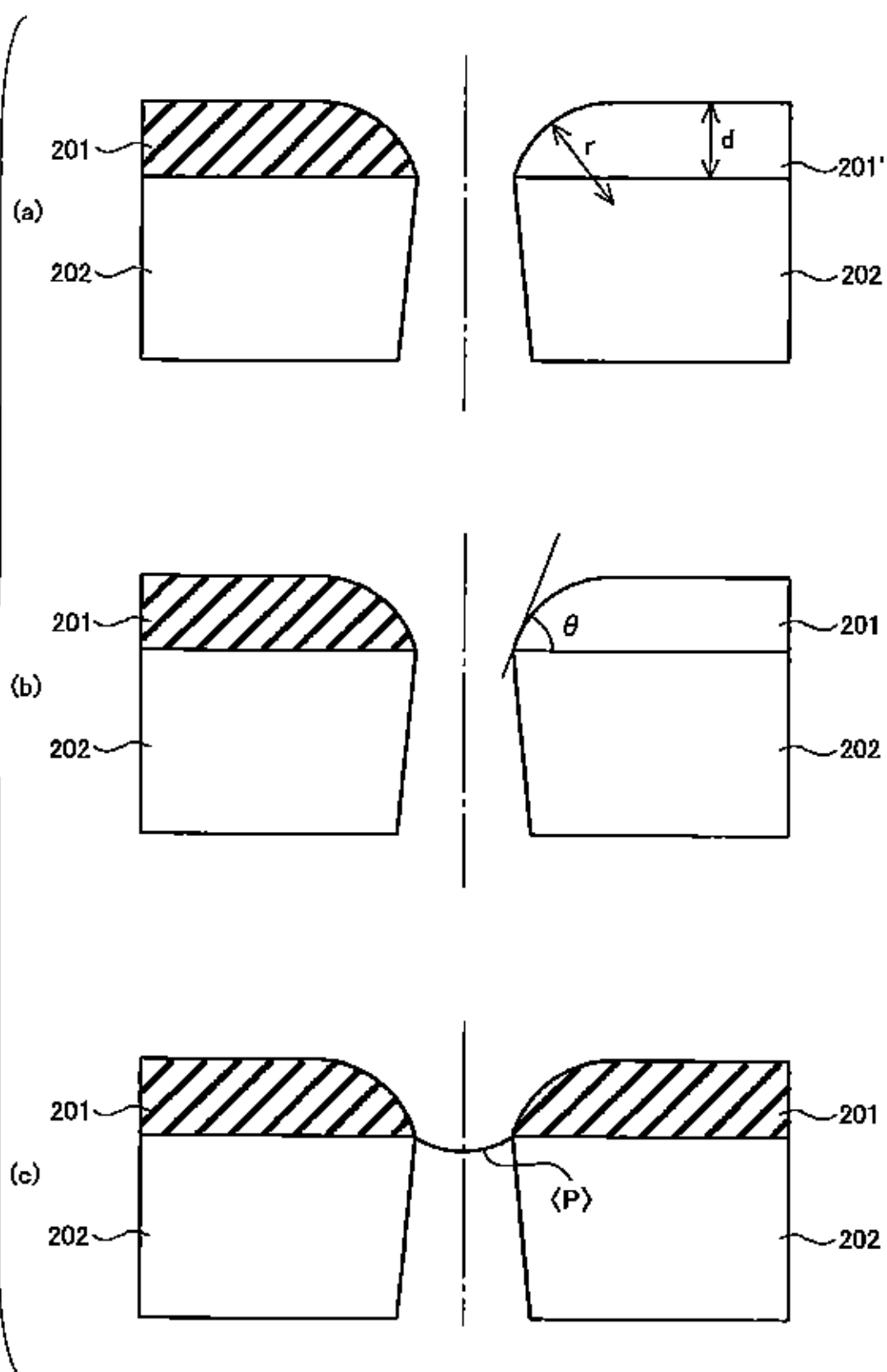
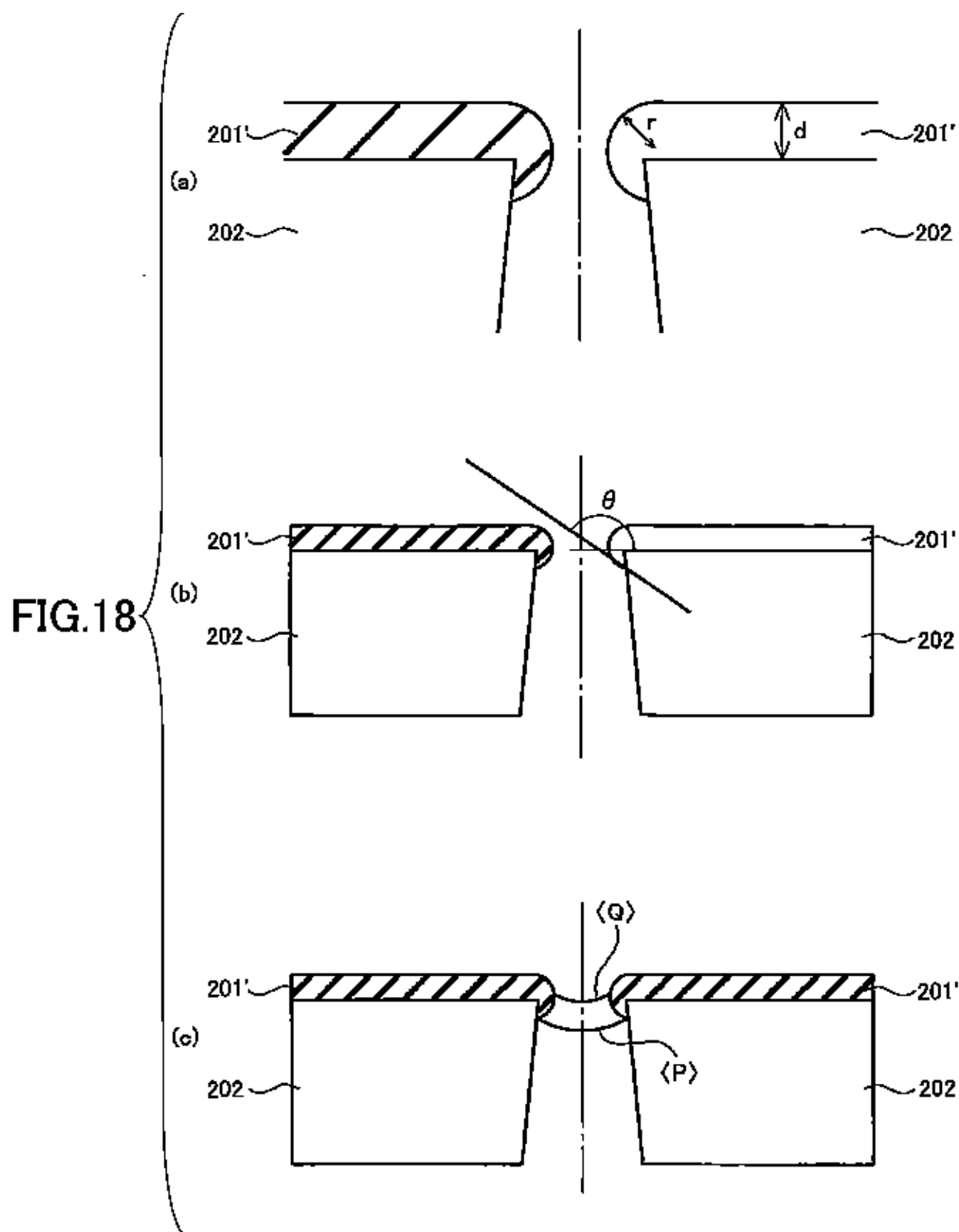


FIG.17





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FIG.19

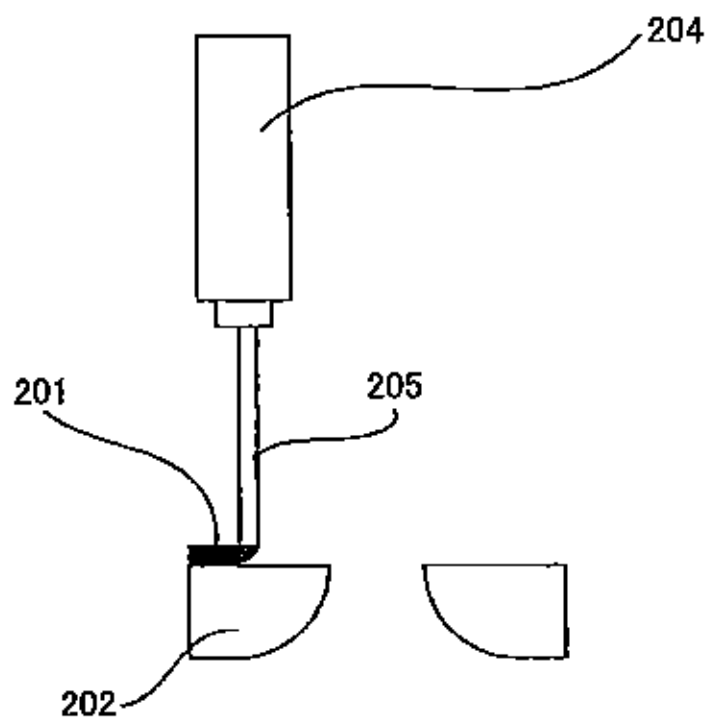
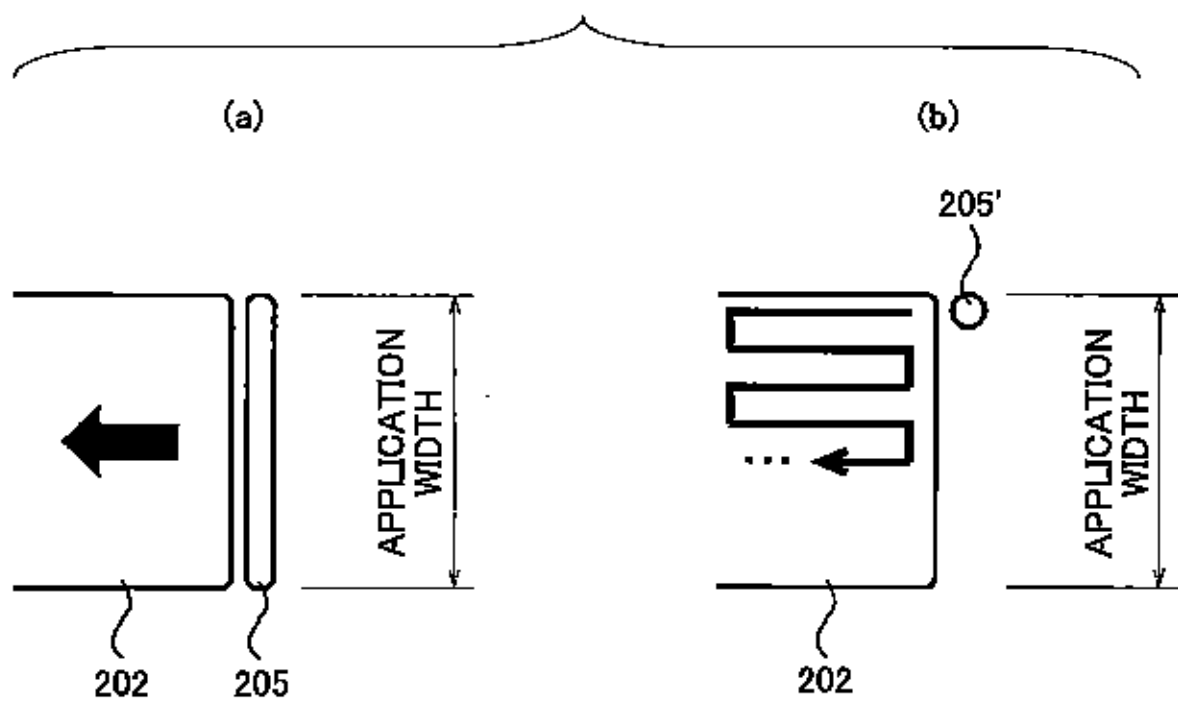


FIG.20



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FIG.21

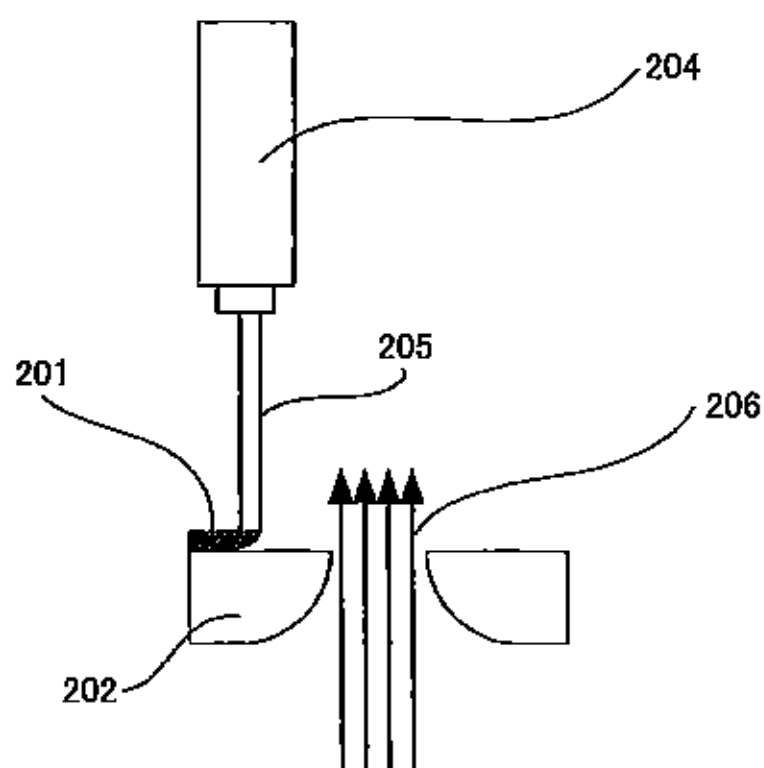


FIG.22

