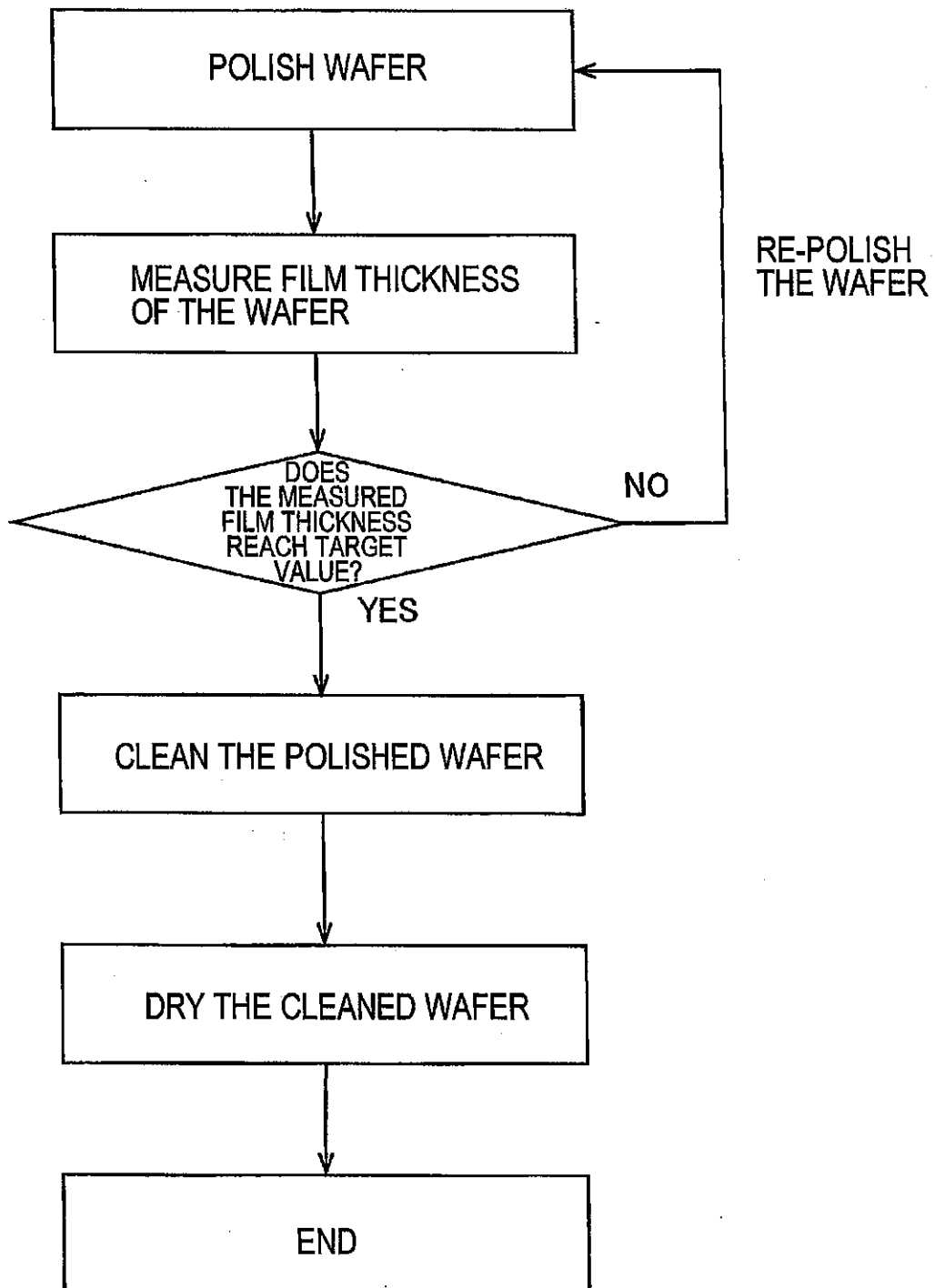
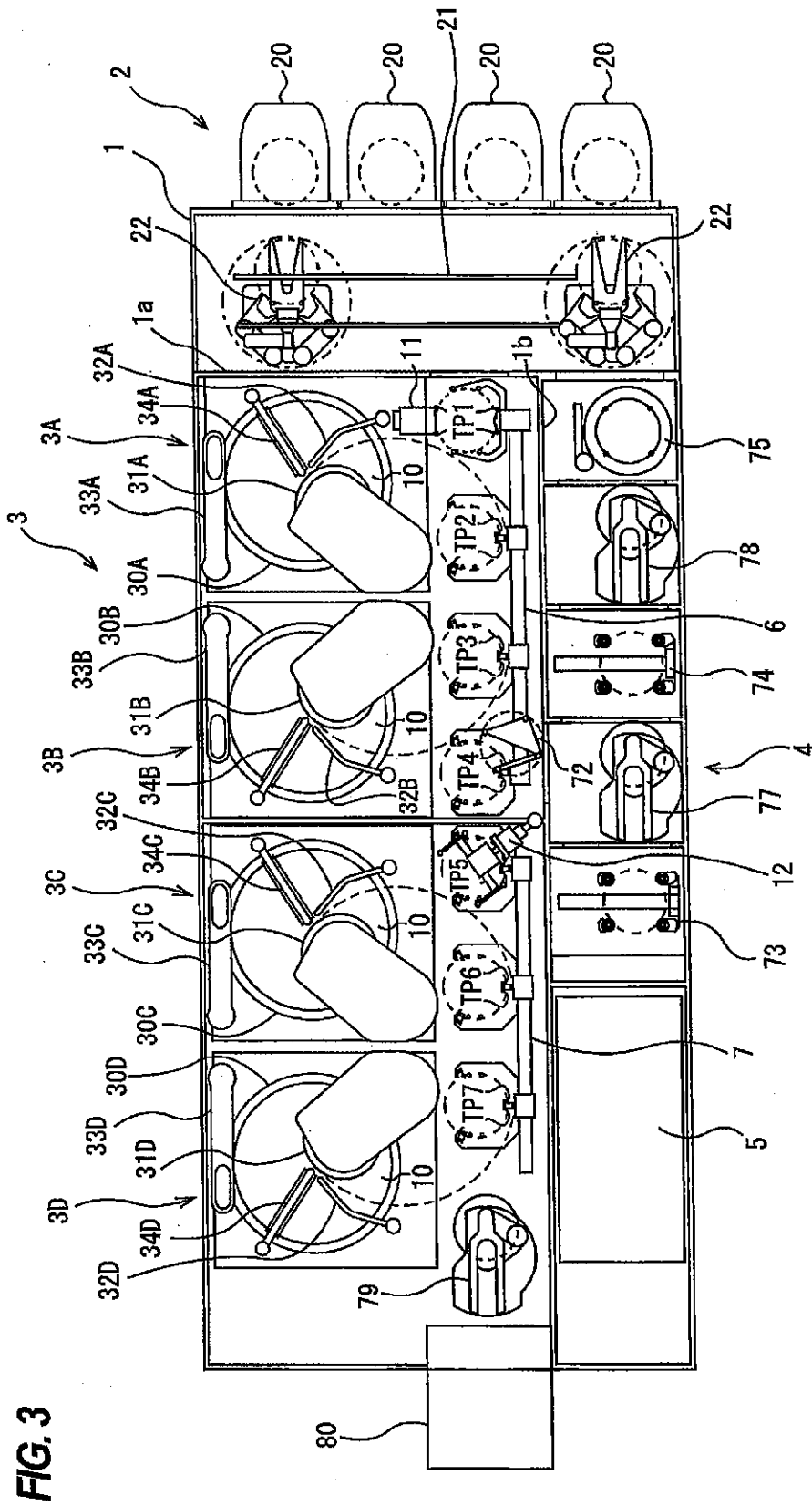


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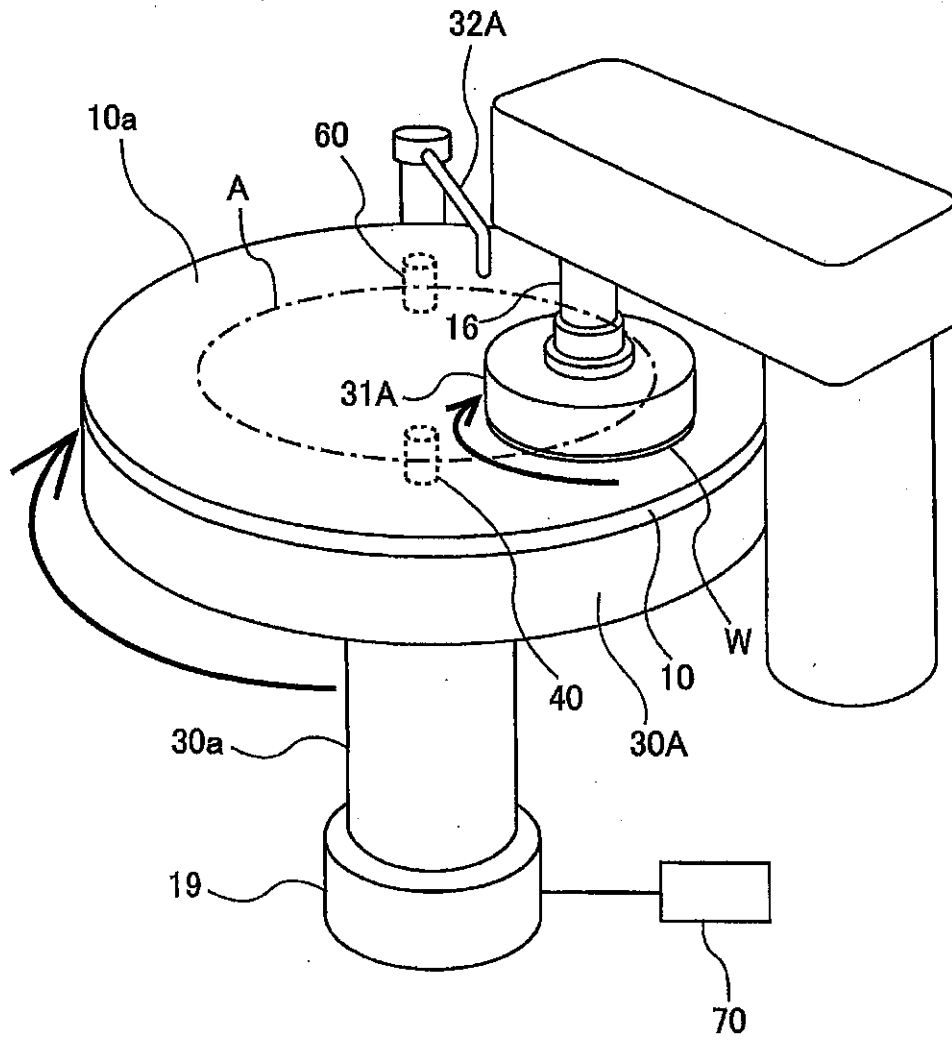
FIG. 2





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FIG. 4



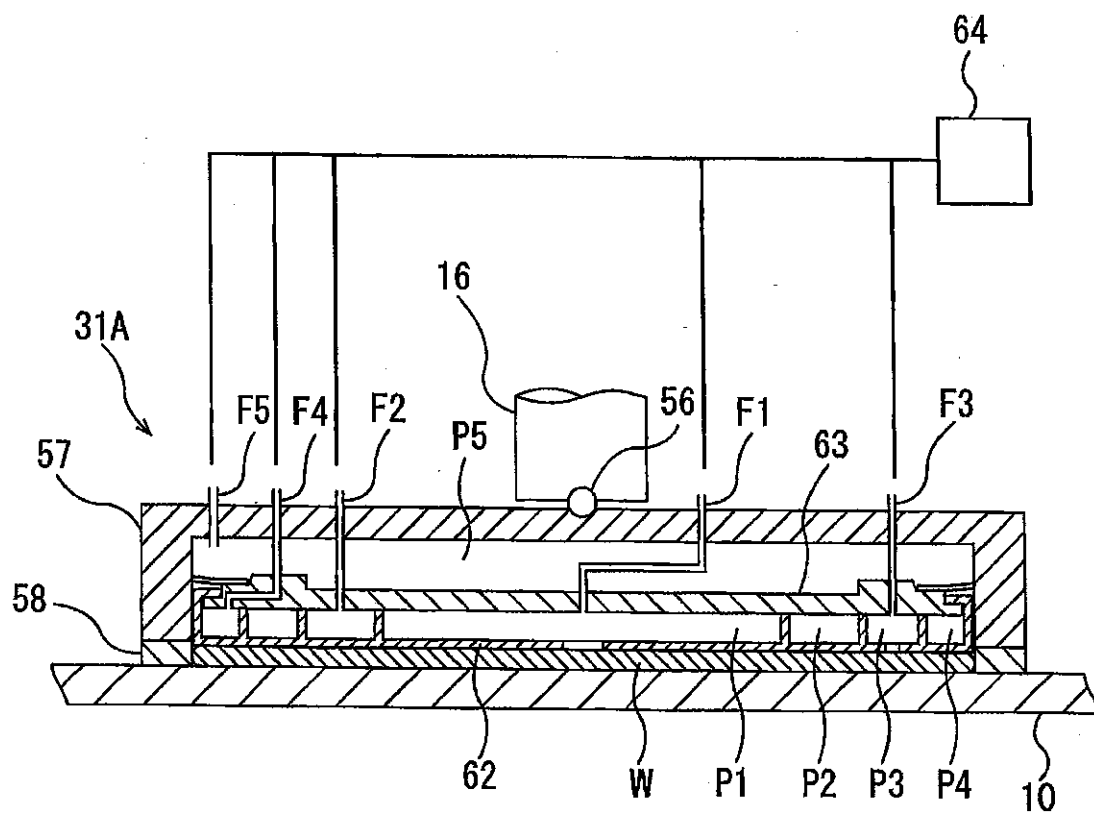


FIG. 6A

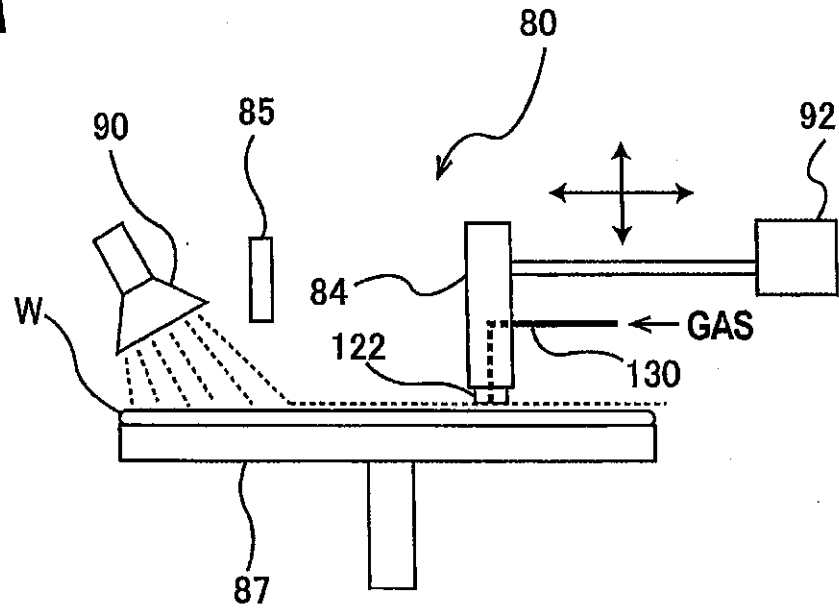
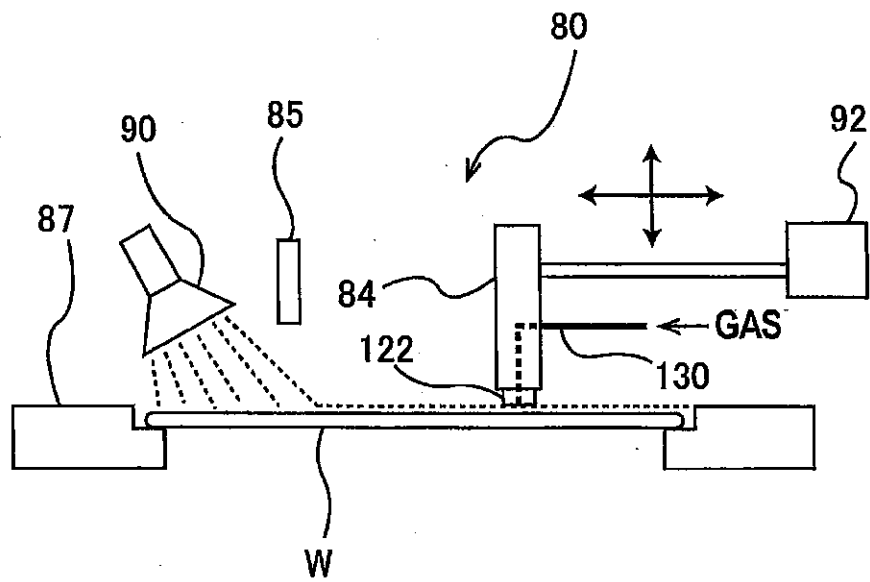
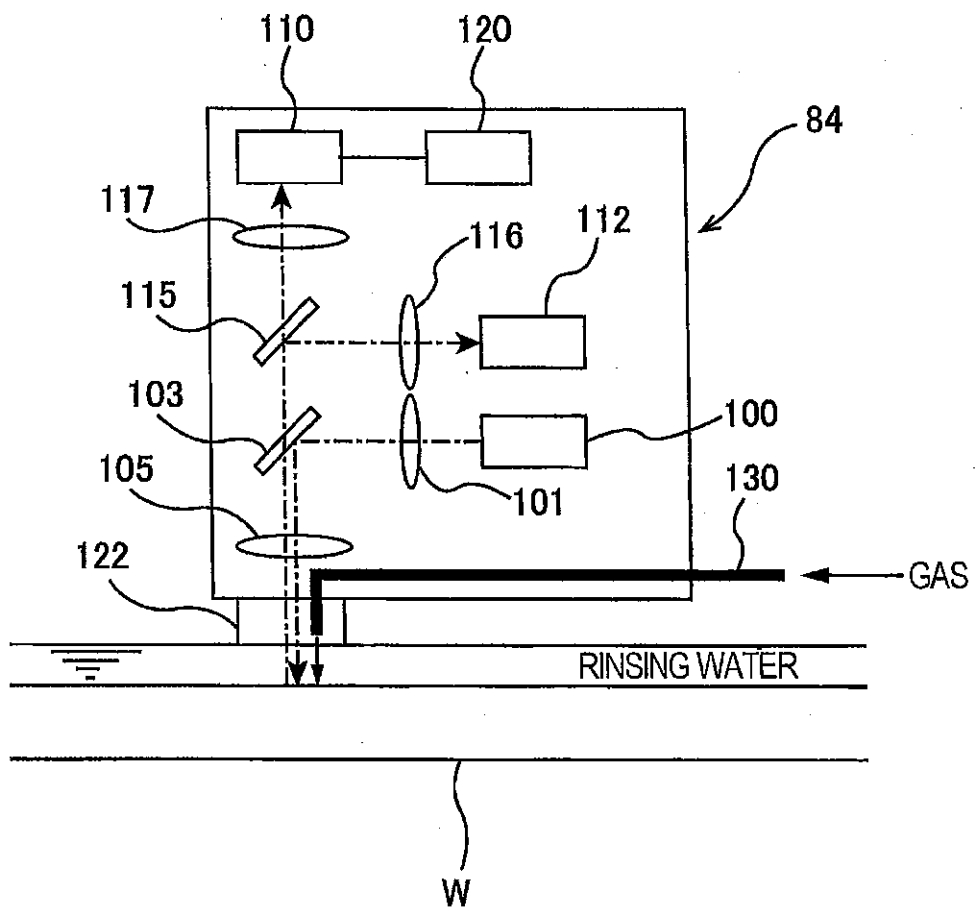


FIG. 6B



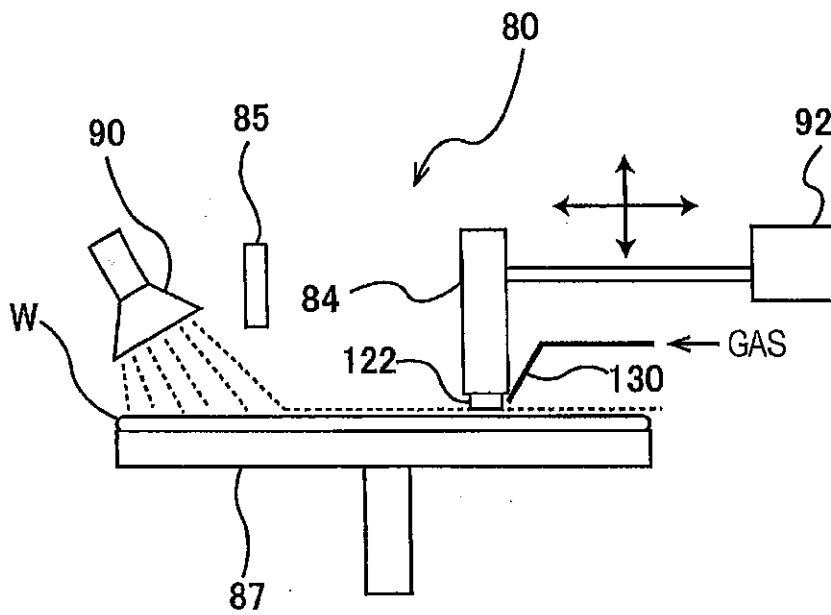
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FIG. 7



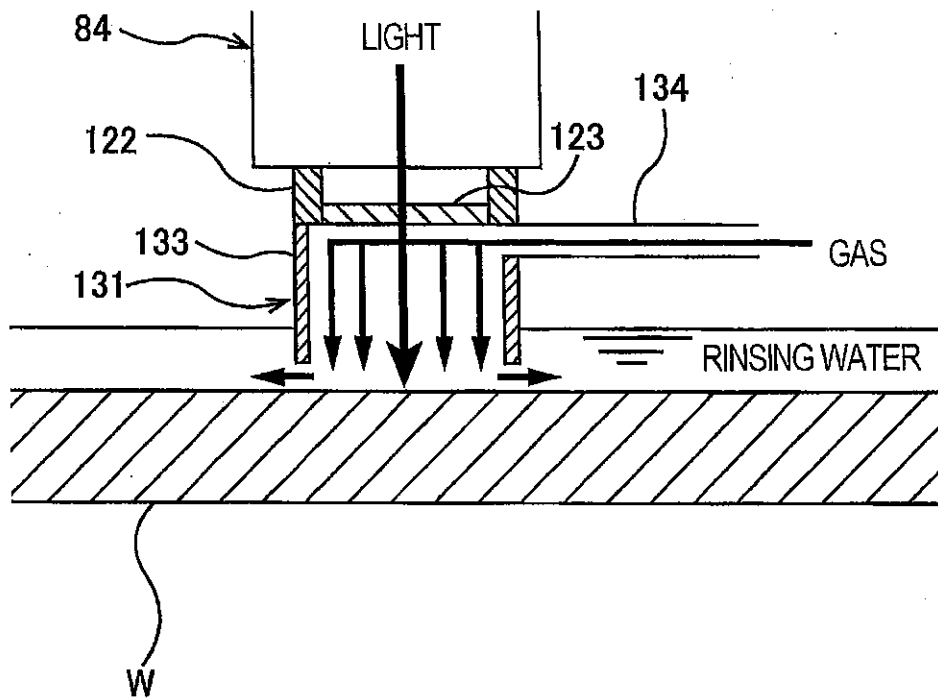
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FIG. 8



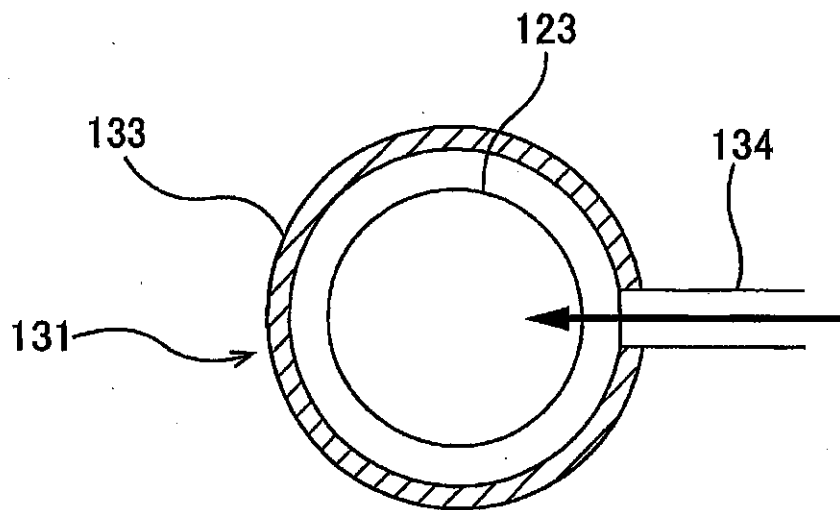
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FIG. 9



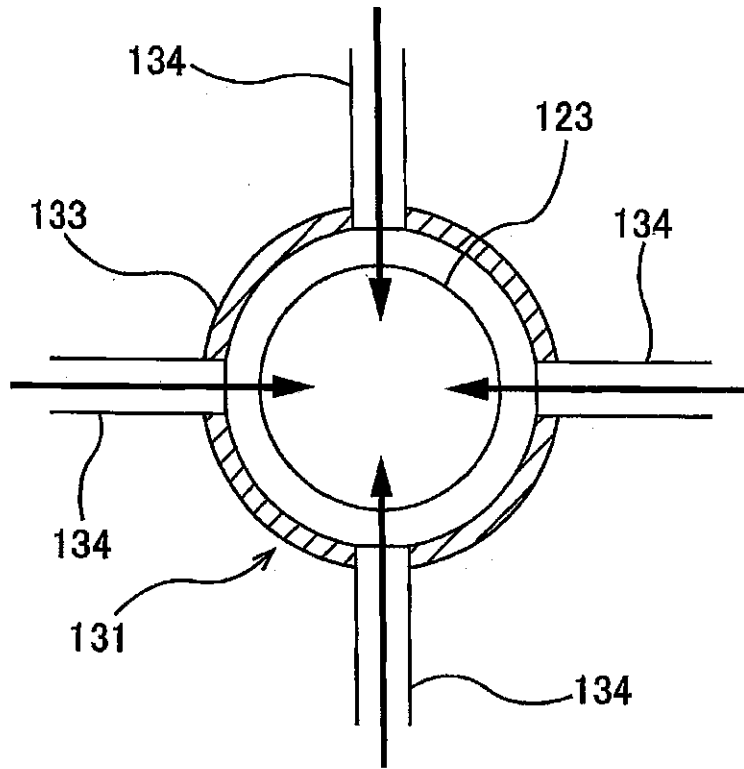
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FIG. 10



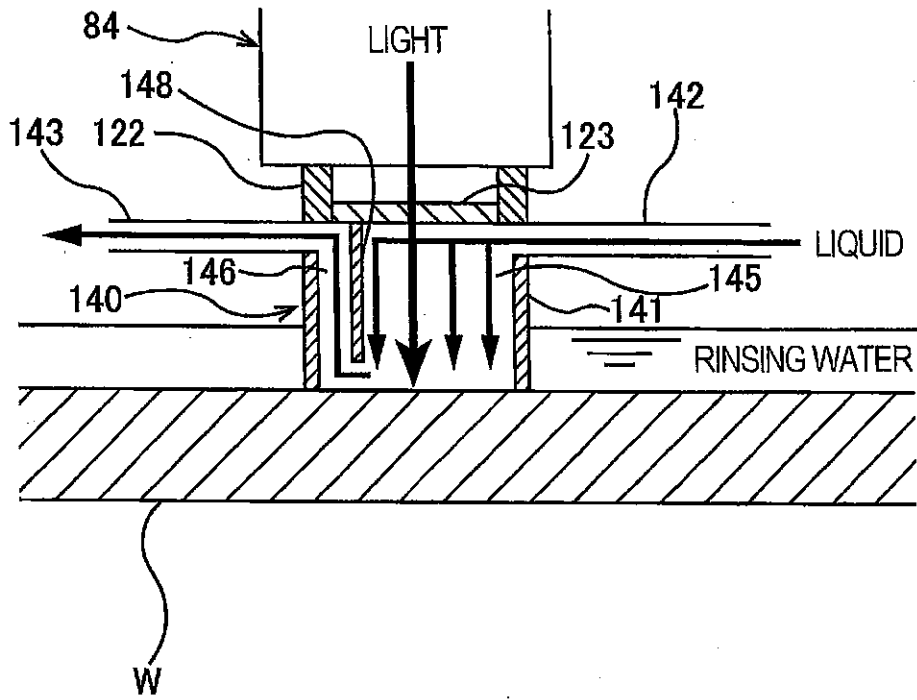
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FIG. 11



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FIG. 12



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FIG. 13

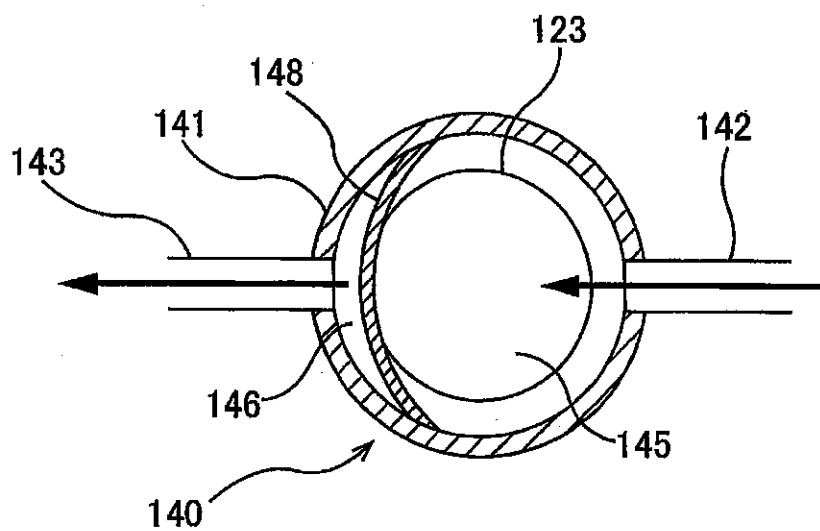
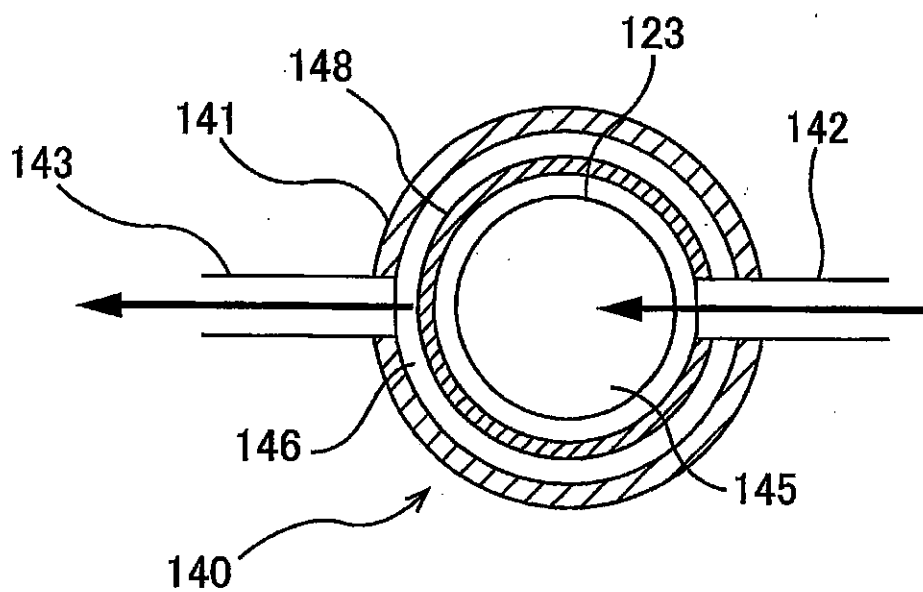
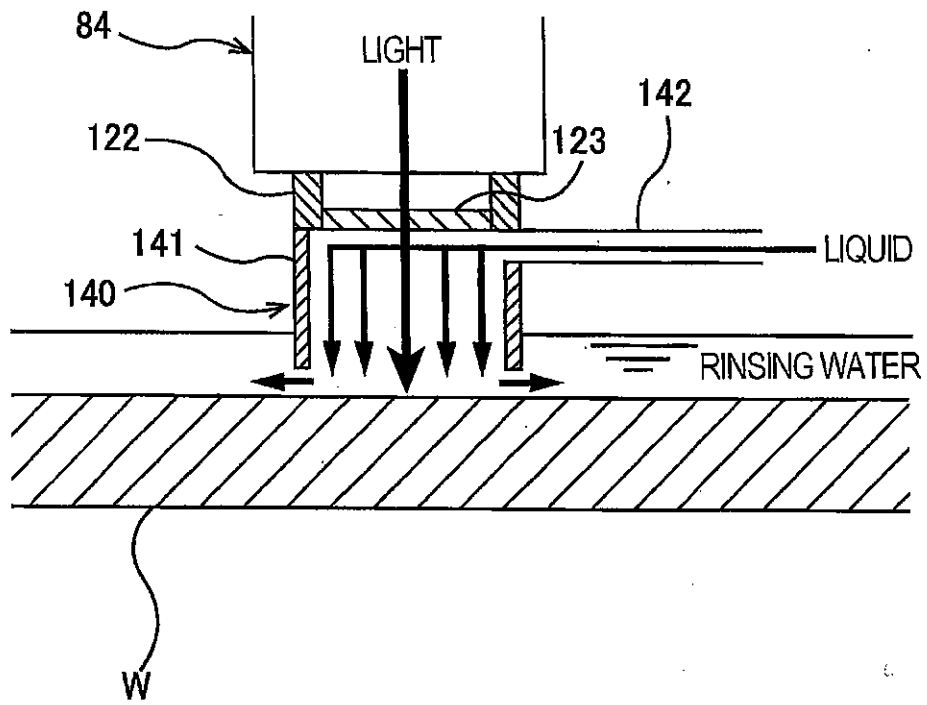


FIG. 14



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FIG. 15



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FIG. 16

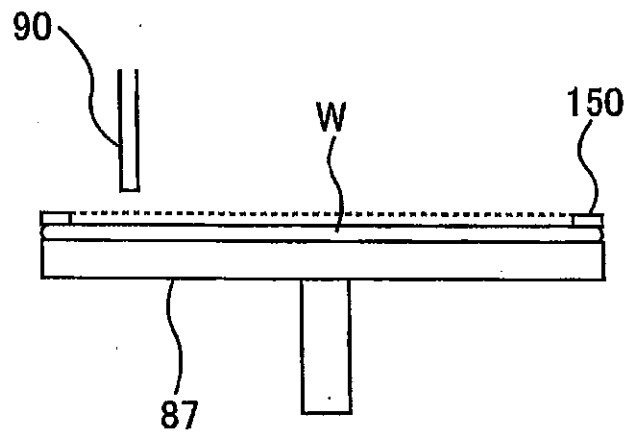
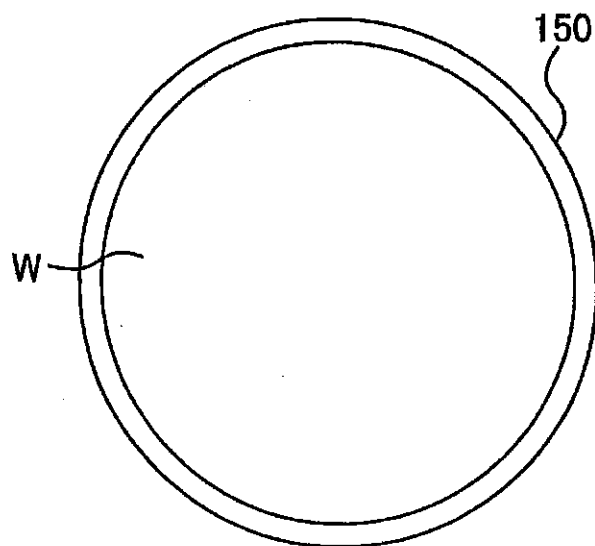


FIG. 17



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FIG. 18

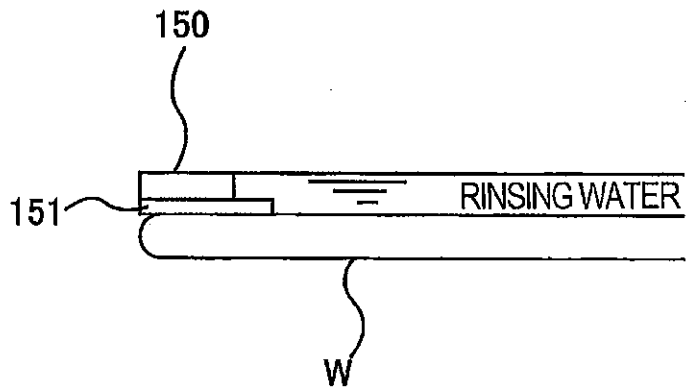
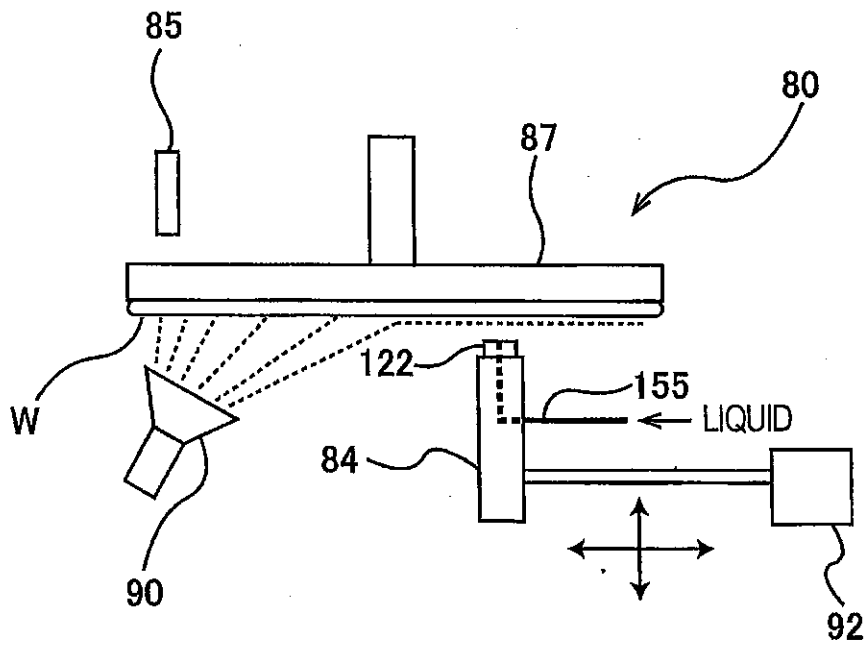


FIG. 19



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FIG. 20

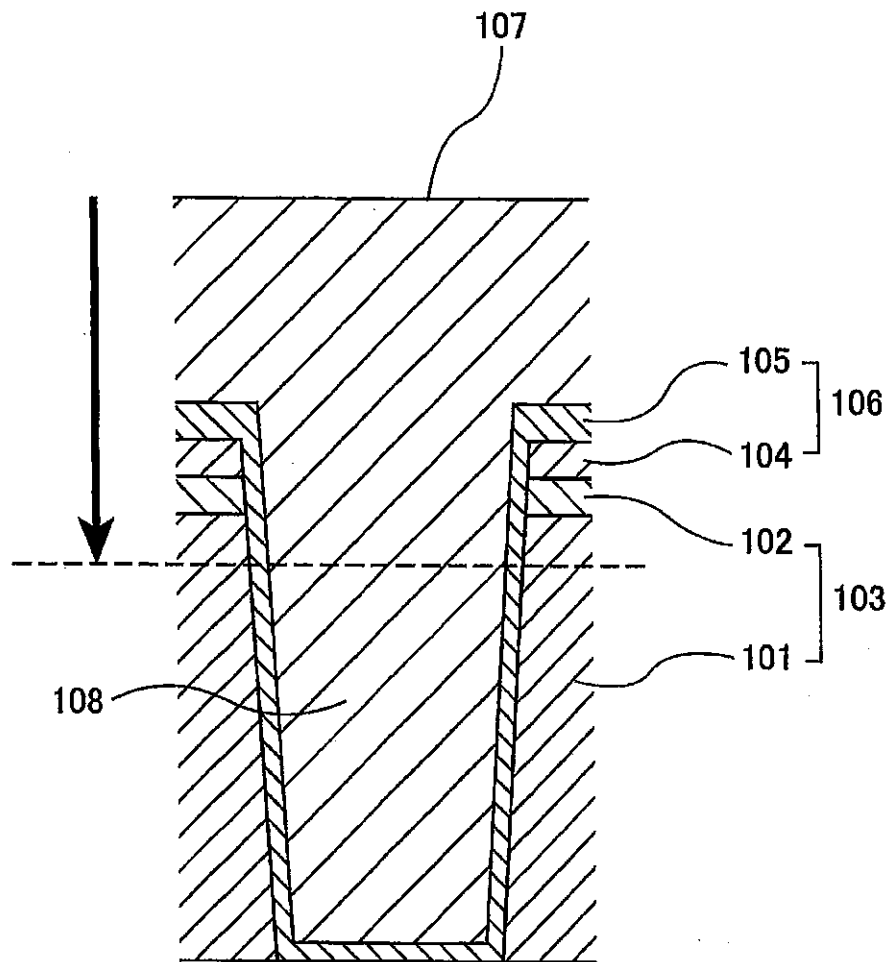


FIG. 21A

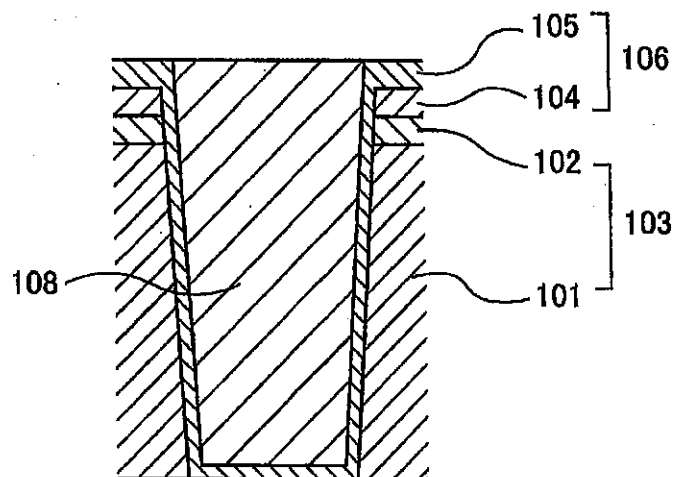
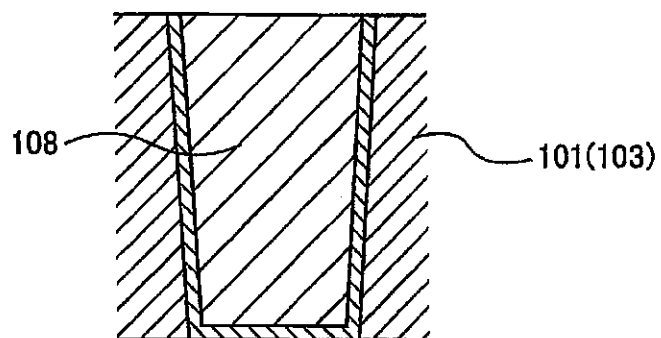


FIG. 21B



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FIG. 22

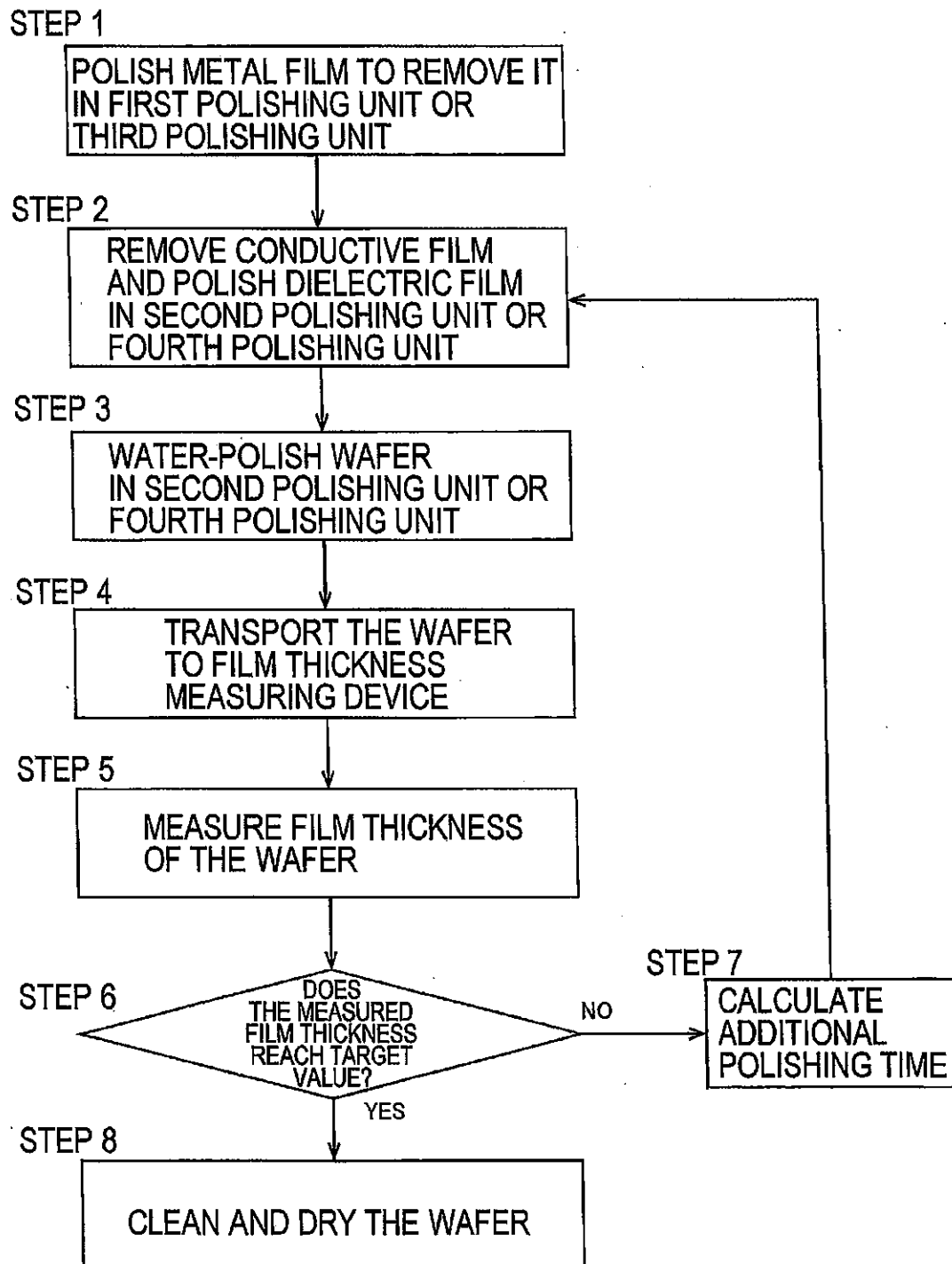


FIG. 23A

POLISH COPPER FILM 107

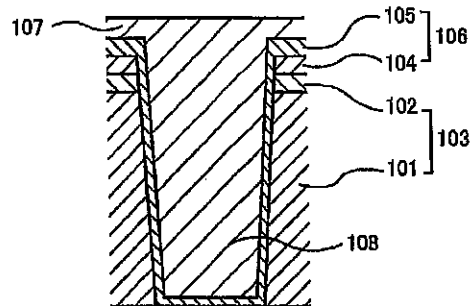


FIG. 23B

REMOVE COPPER FILM 107

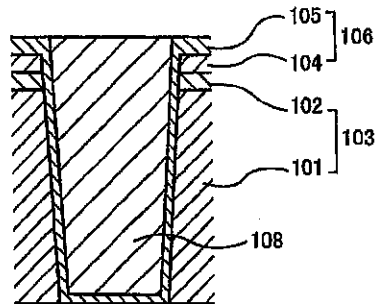


FIG. 23C

REMOVE BARRIER FILM 105
+
REMOVE SECOND HARD
MASK FILM 104

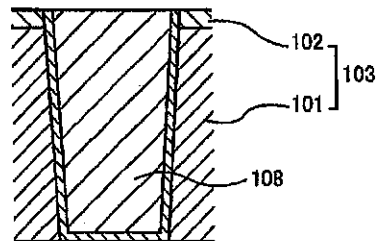
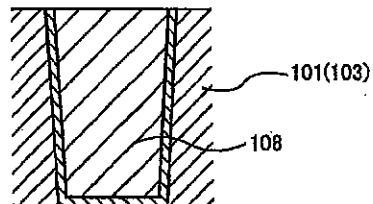


FIG. 23D

REMOVE FIRST HARD
MASK FILM 102
+
POLISH INTERLAYER
DIELECTRIC FILM 101



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FIG. 24

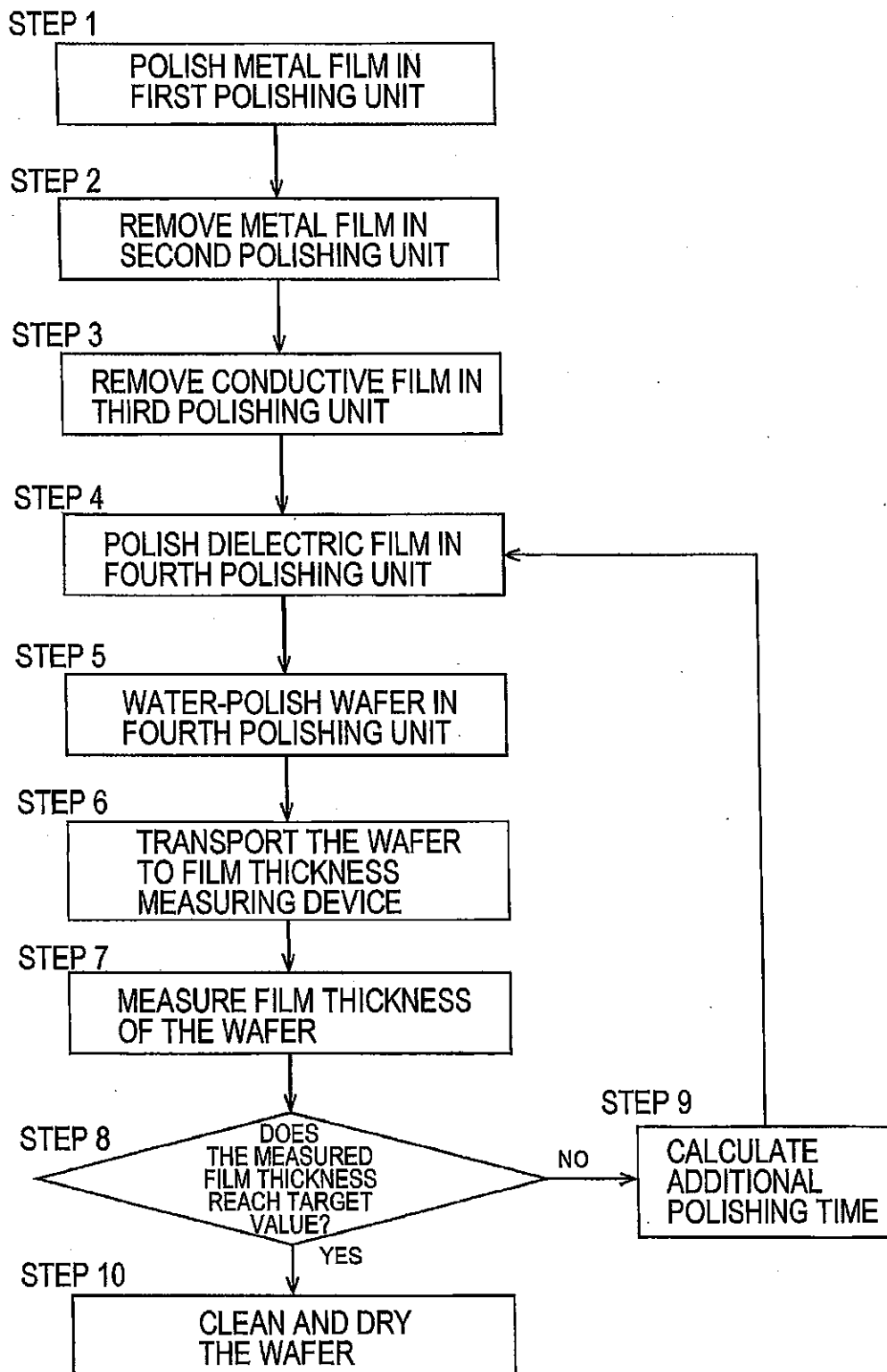


FIG. 25A

POLISH COPPER FILM 107

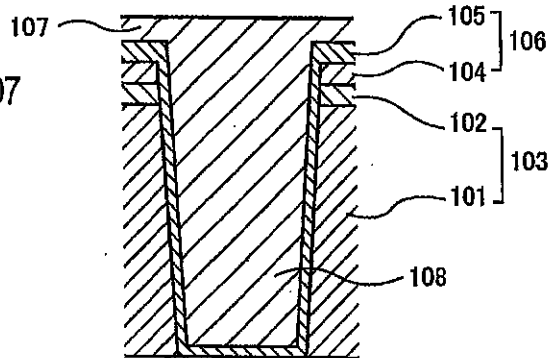


FIG. 25B

REMOVE COPPER FILM 107

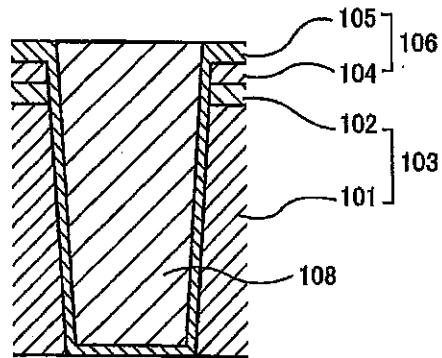


FIG. 25C

REMOVE BARRIER FILM 105
+
REMOVE SECOND HARD
MASK FILM 104
+
POLISH FIRST HARD
MASK FILM 102

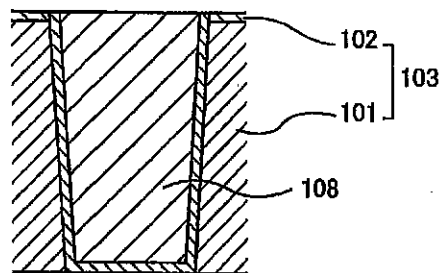


FIG. 25D

REMOVE FIRST HARD
MASK FILM 102
+
POLISH INTERLAYER
DIELECTRIC FILM 101

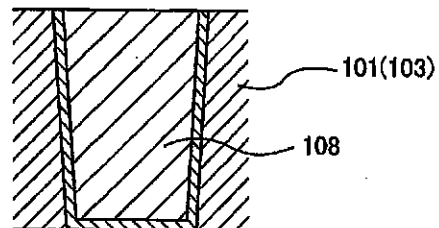
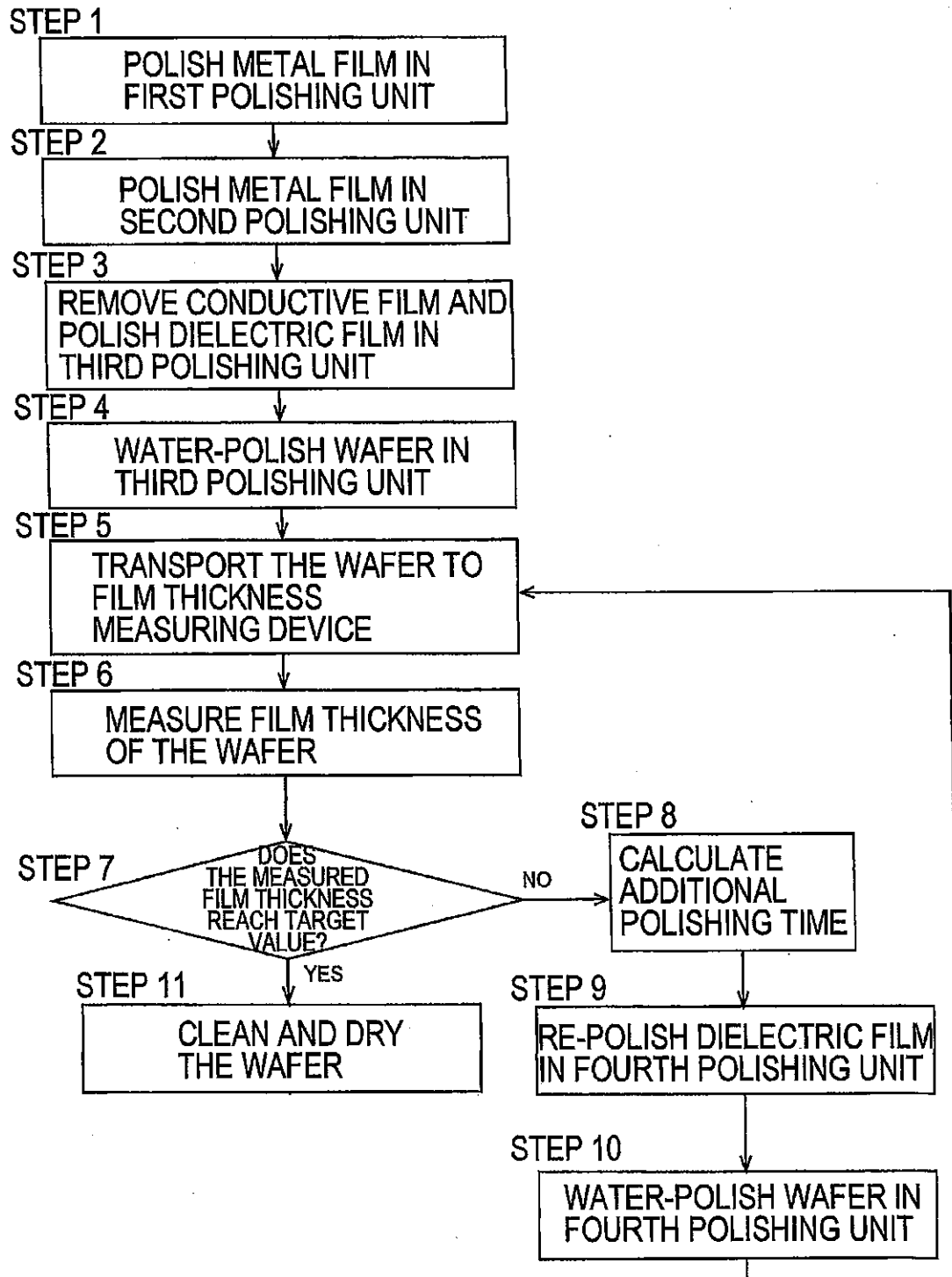


FIG. 26



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FIG. 27

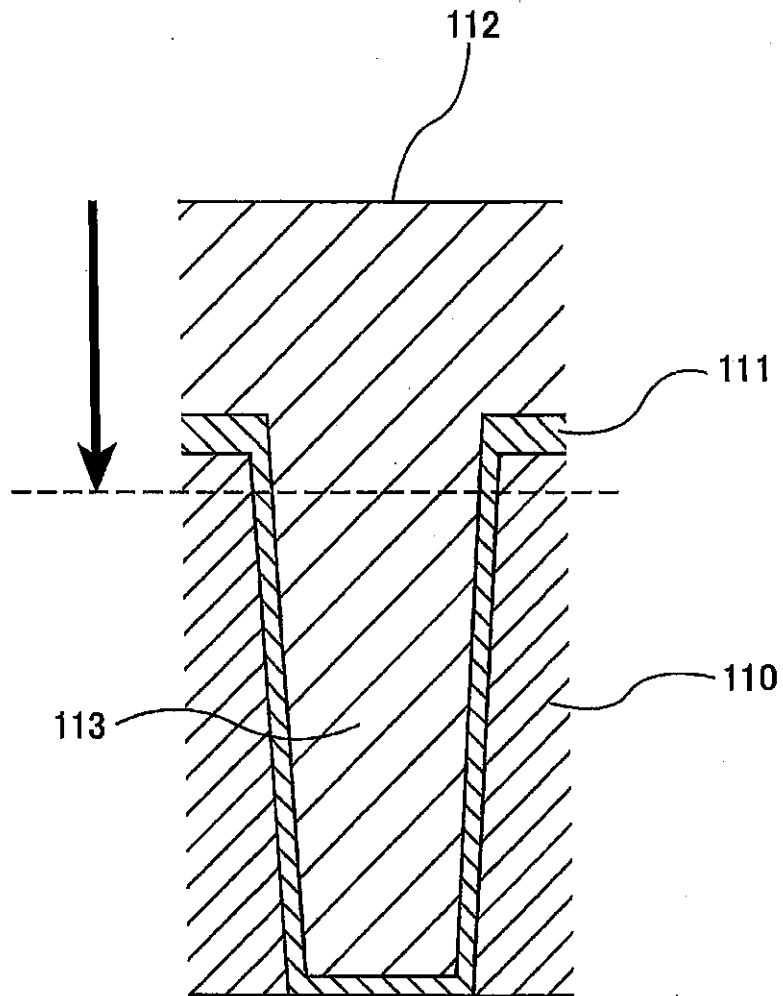


FIG. 28A

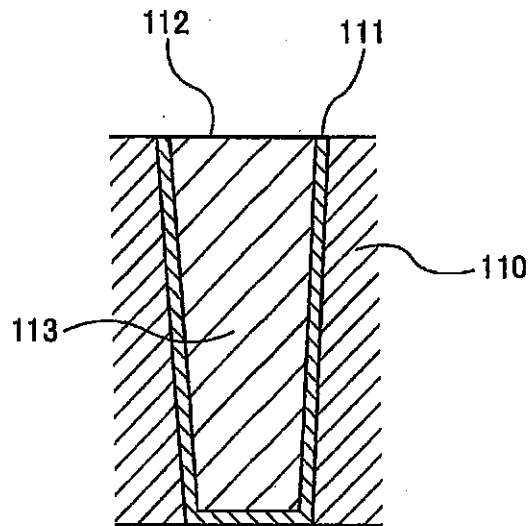
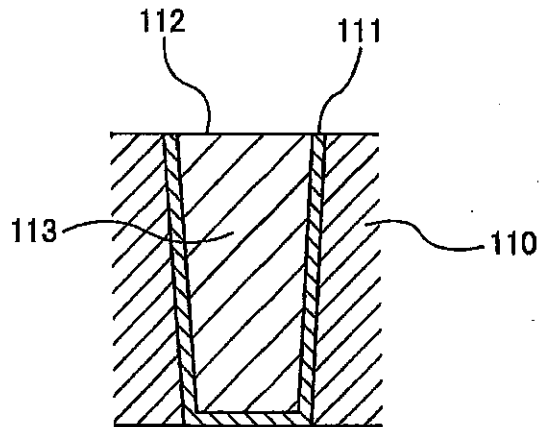
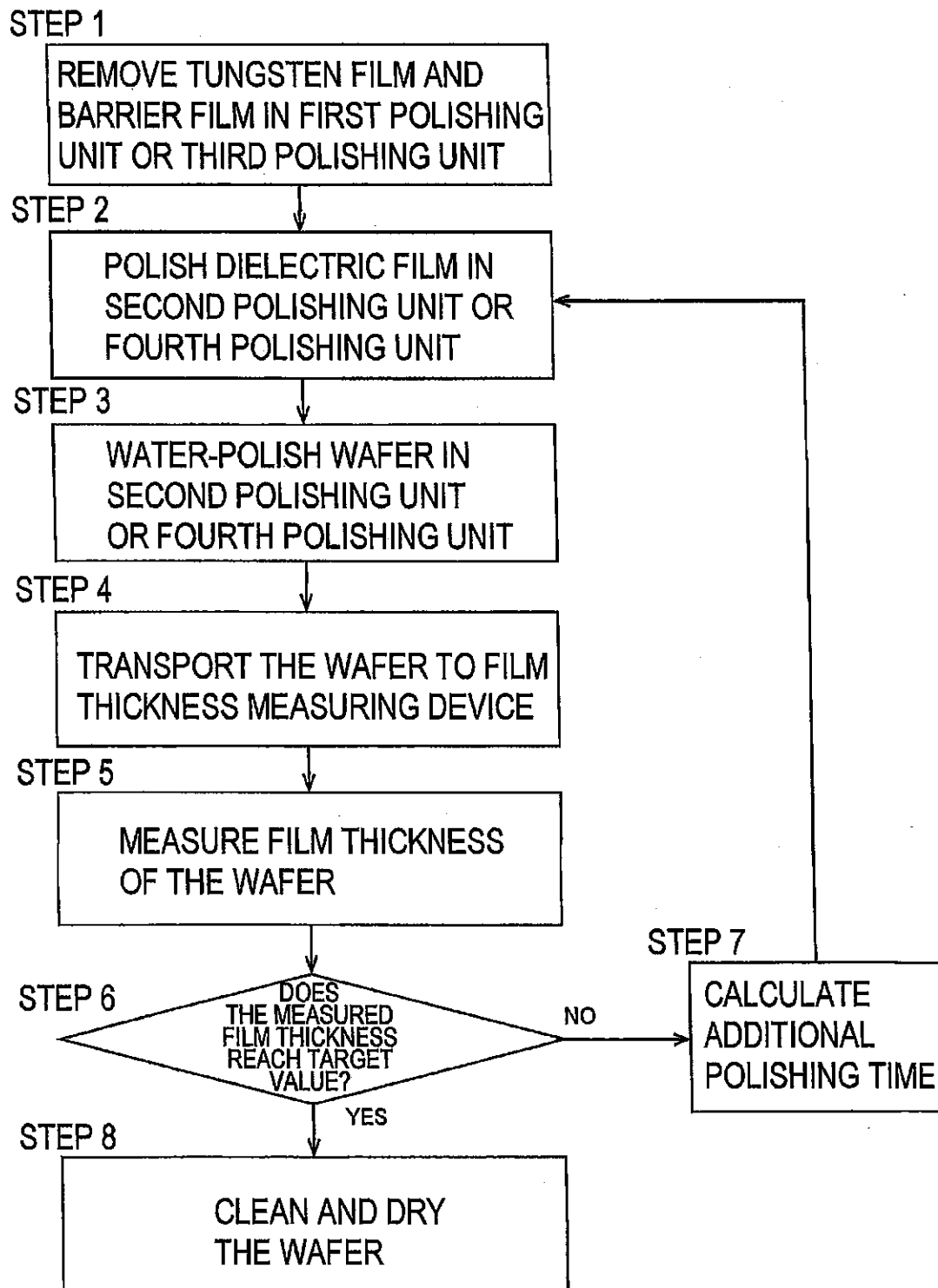


FIG. 28B



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FIG. 29



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FIG. 30

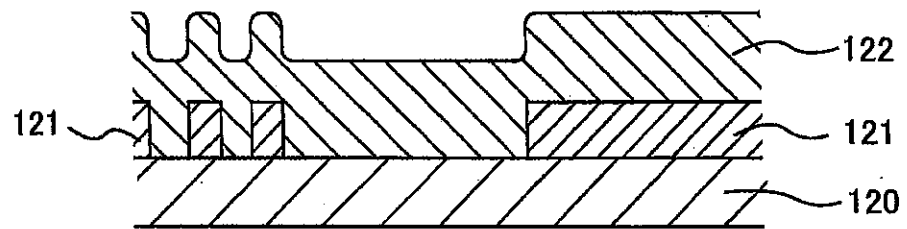


FIG. 31A

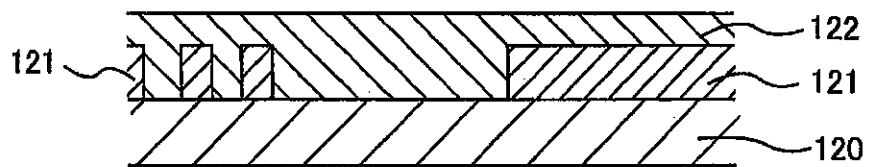
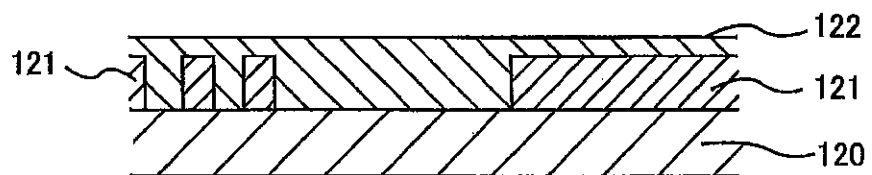
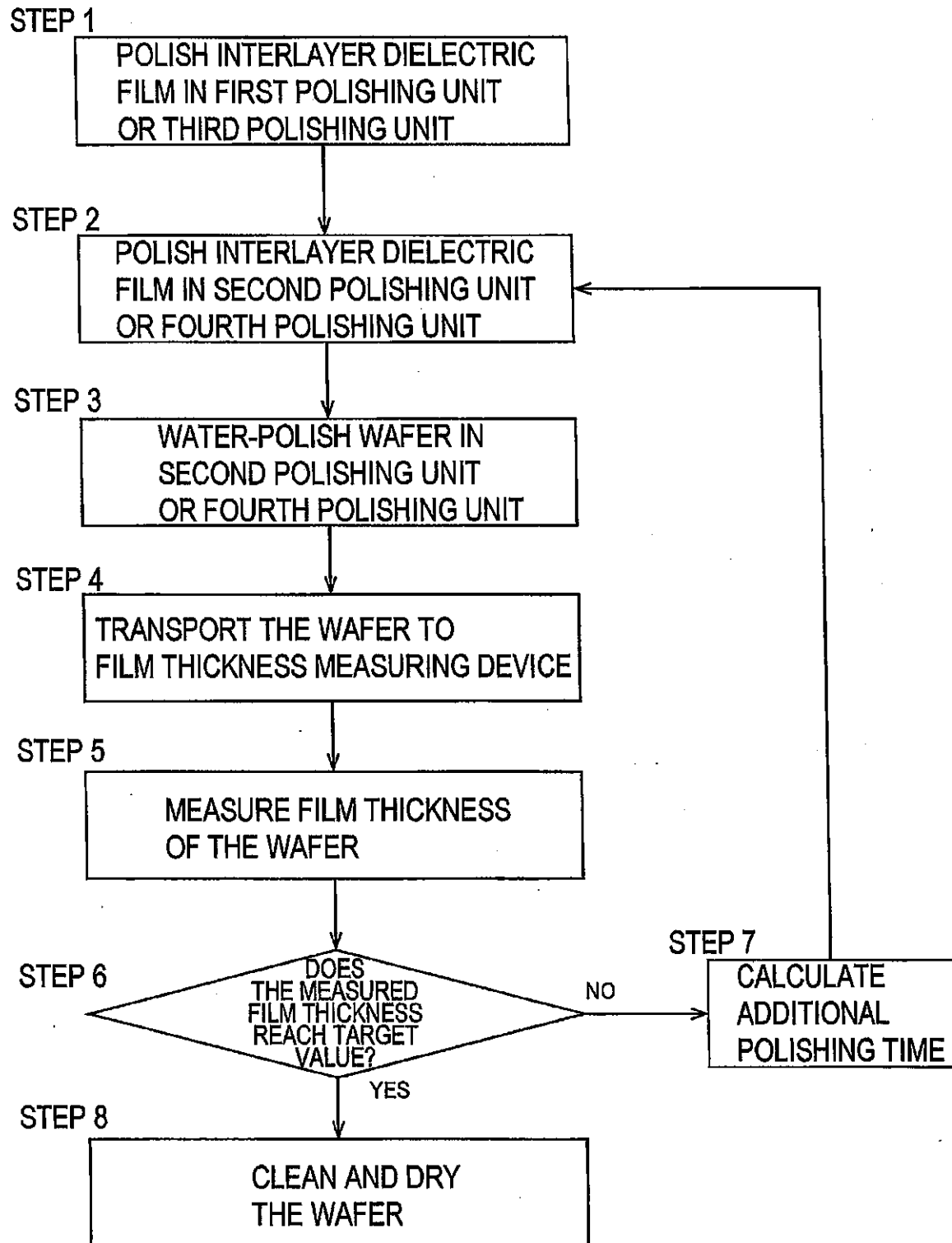


FIG. 31B



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FIG. 32



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FIG. 33

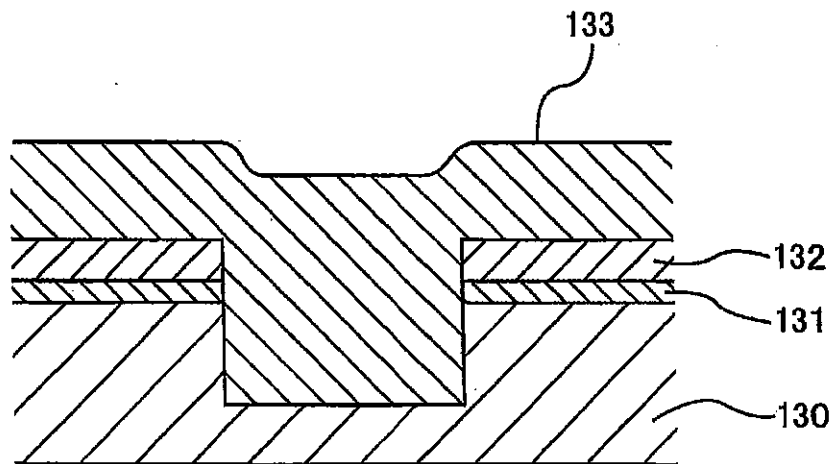


FIG. 34A

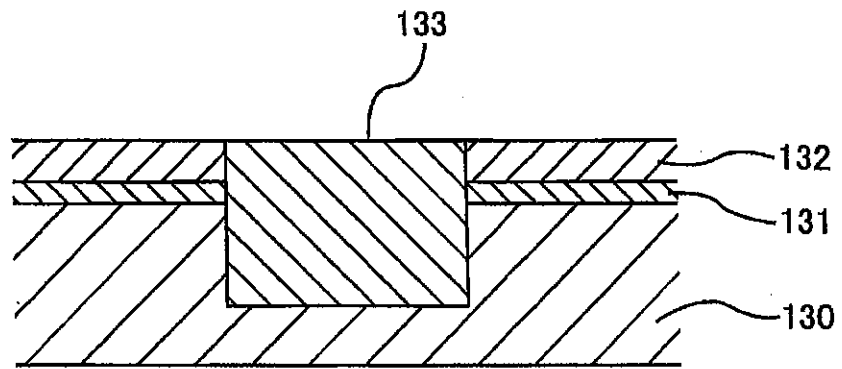
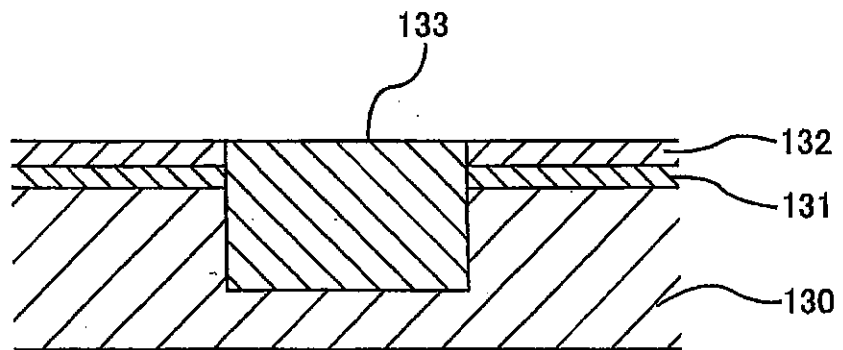
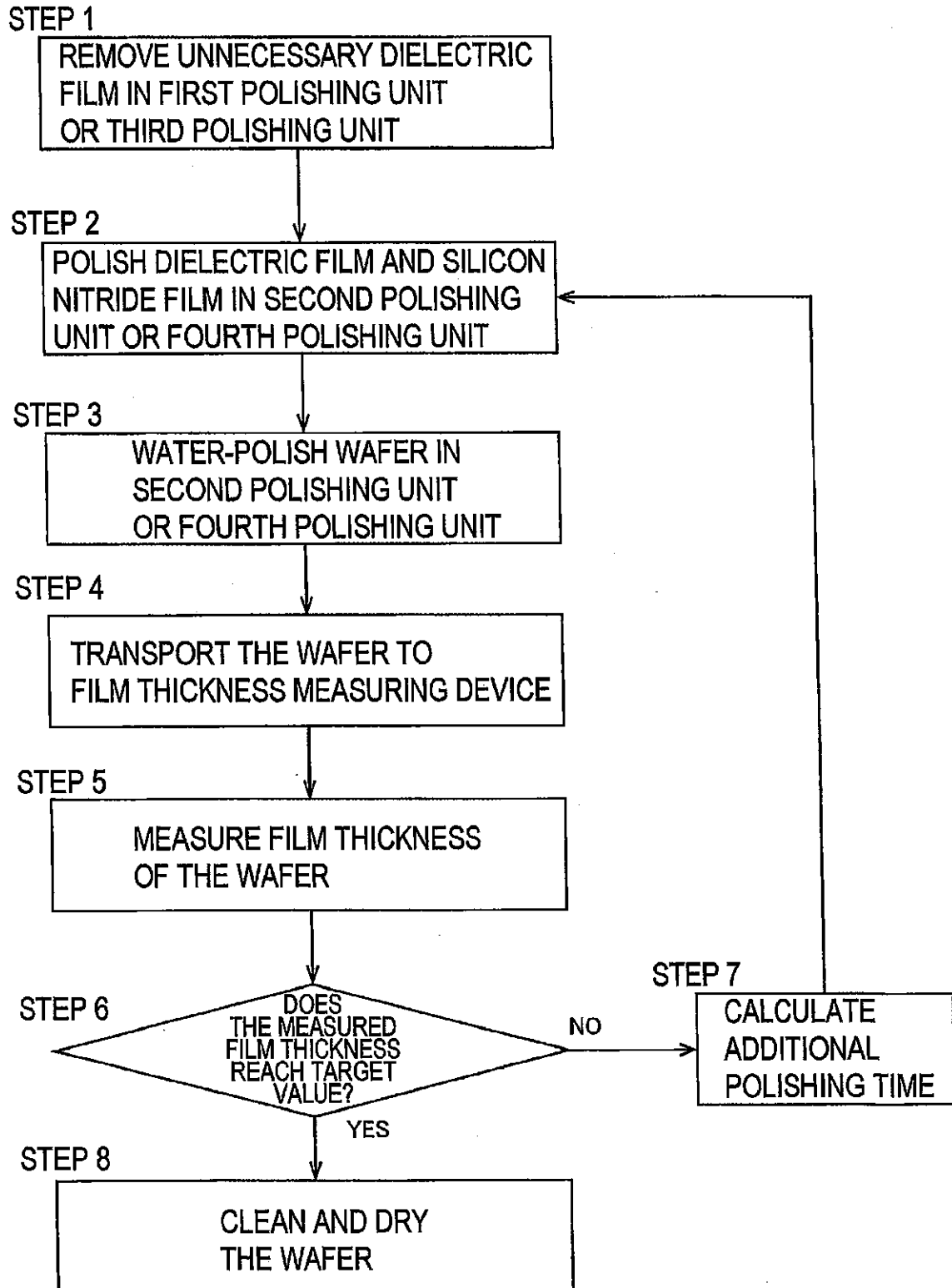


FIG. 34B



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FIG. 35



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FIG. 36

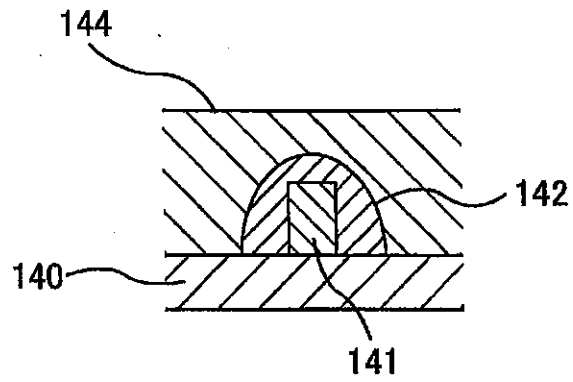


FIG. 37A

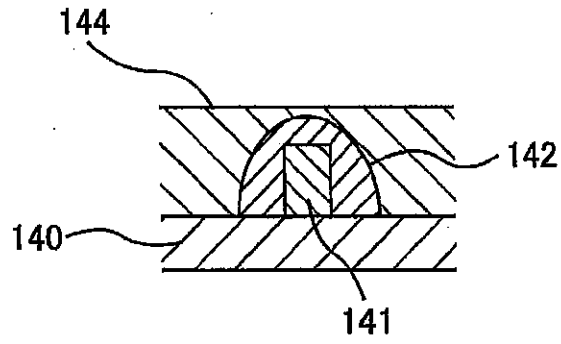


FIG. 37B

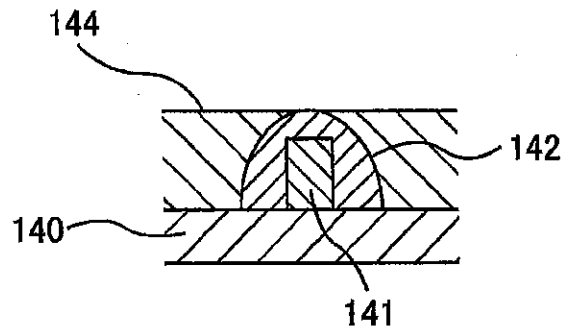


FIG. 37C

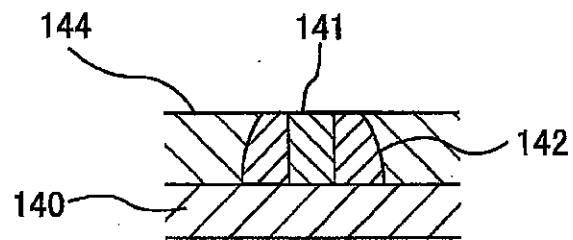
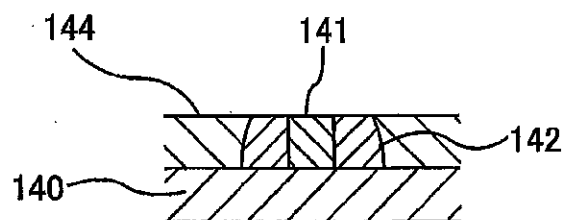
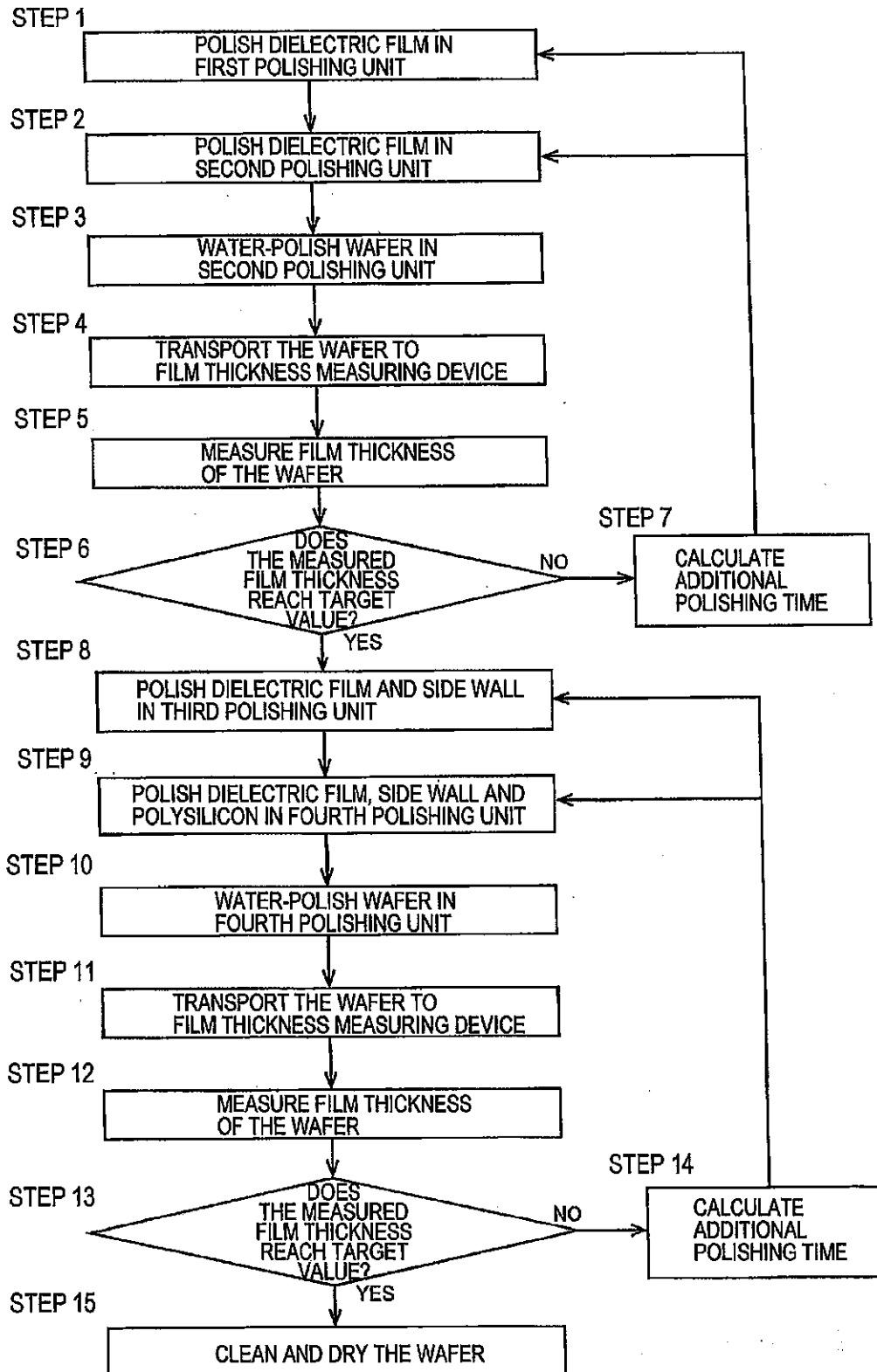


FIG. 37D



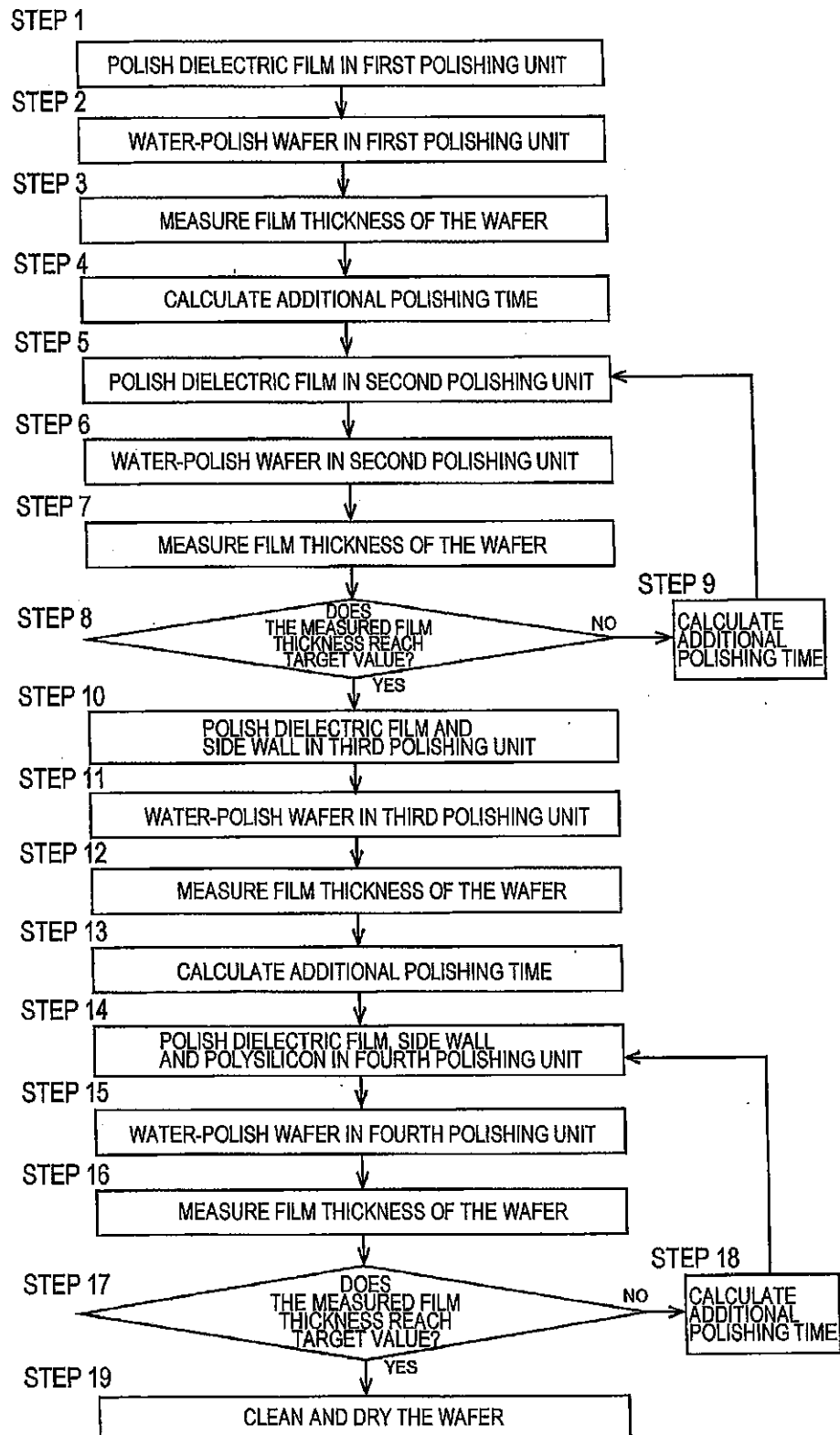
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FIG. 38



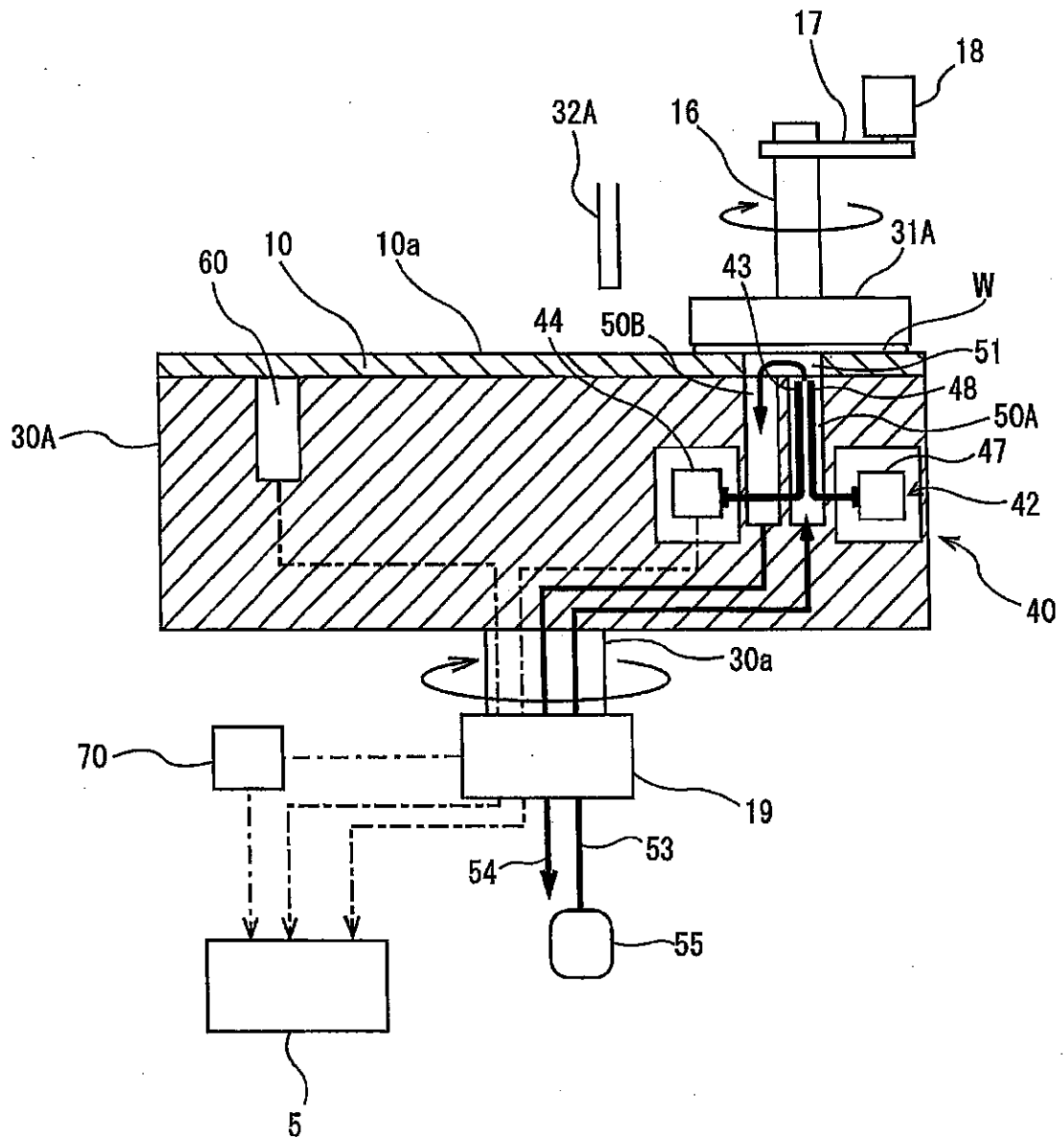
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FIG. 39



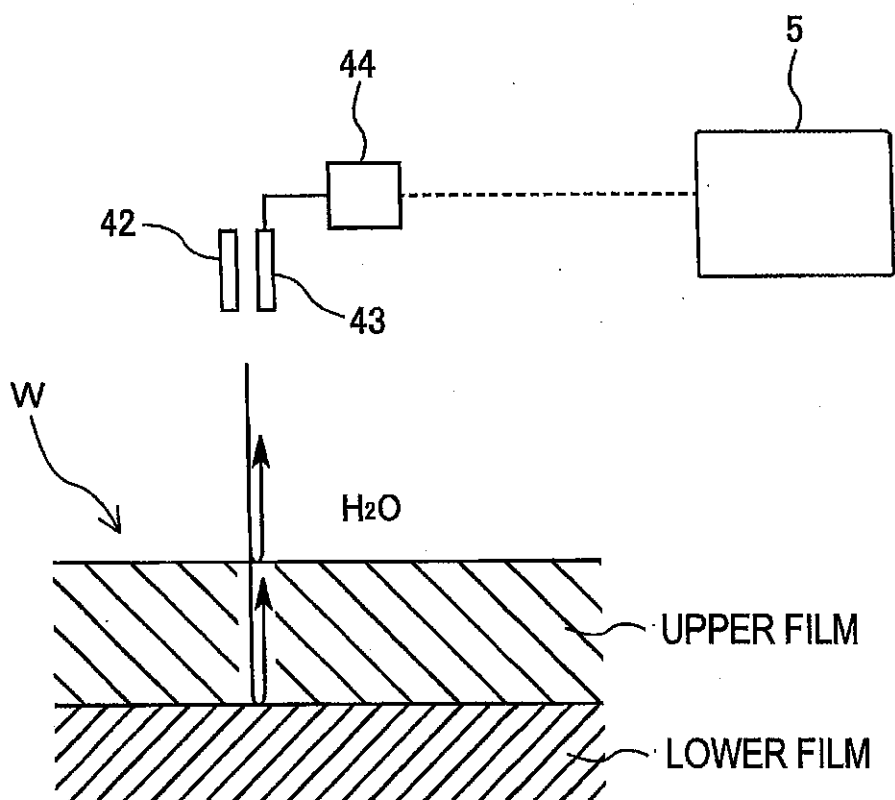
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FIG. 40



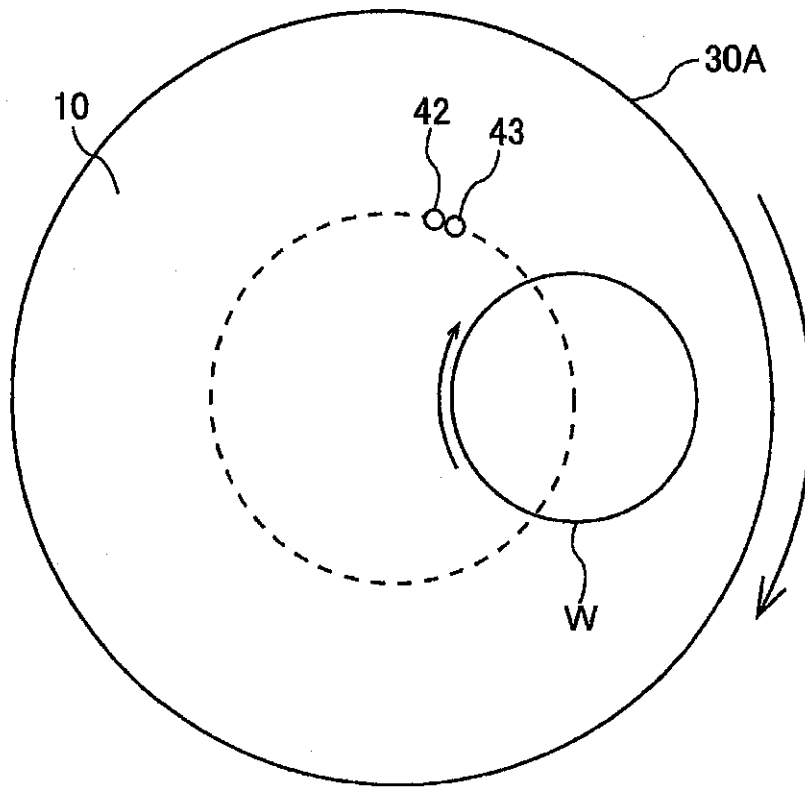
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FIG. 41



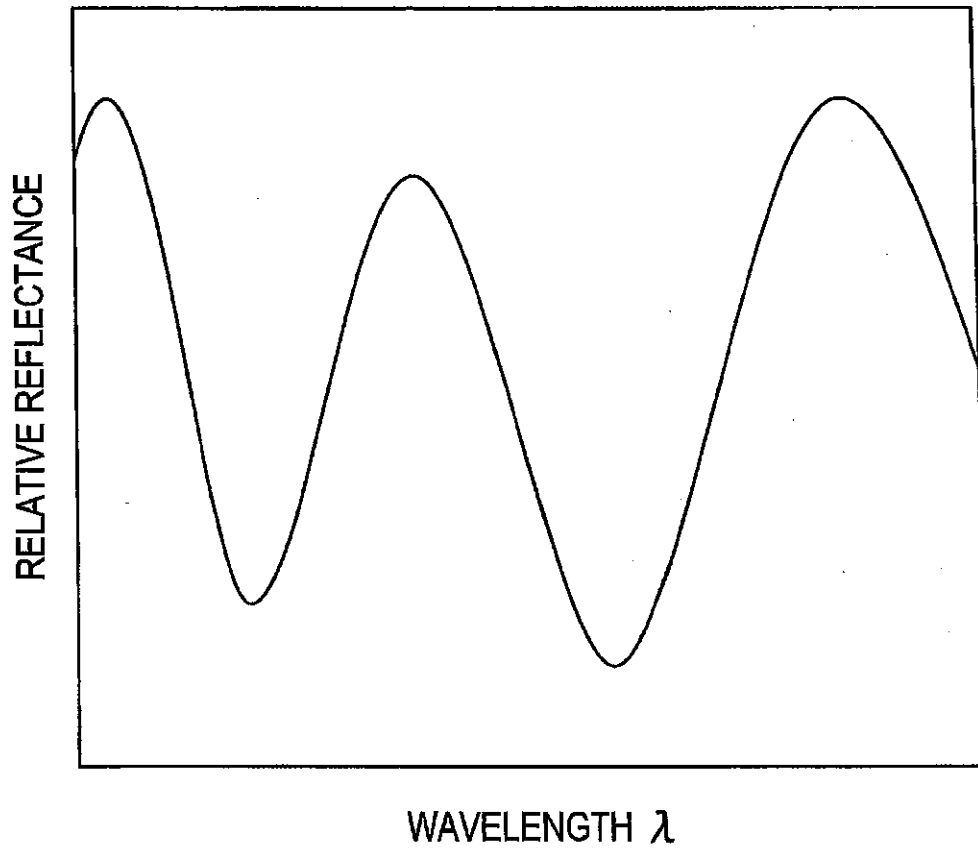
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FIG. 42



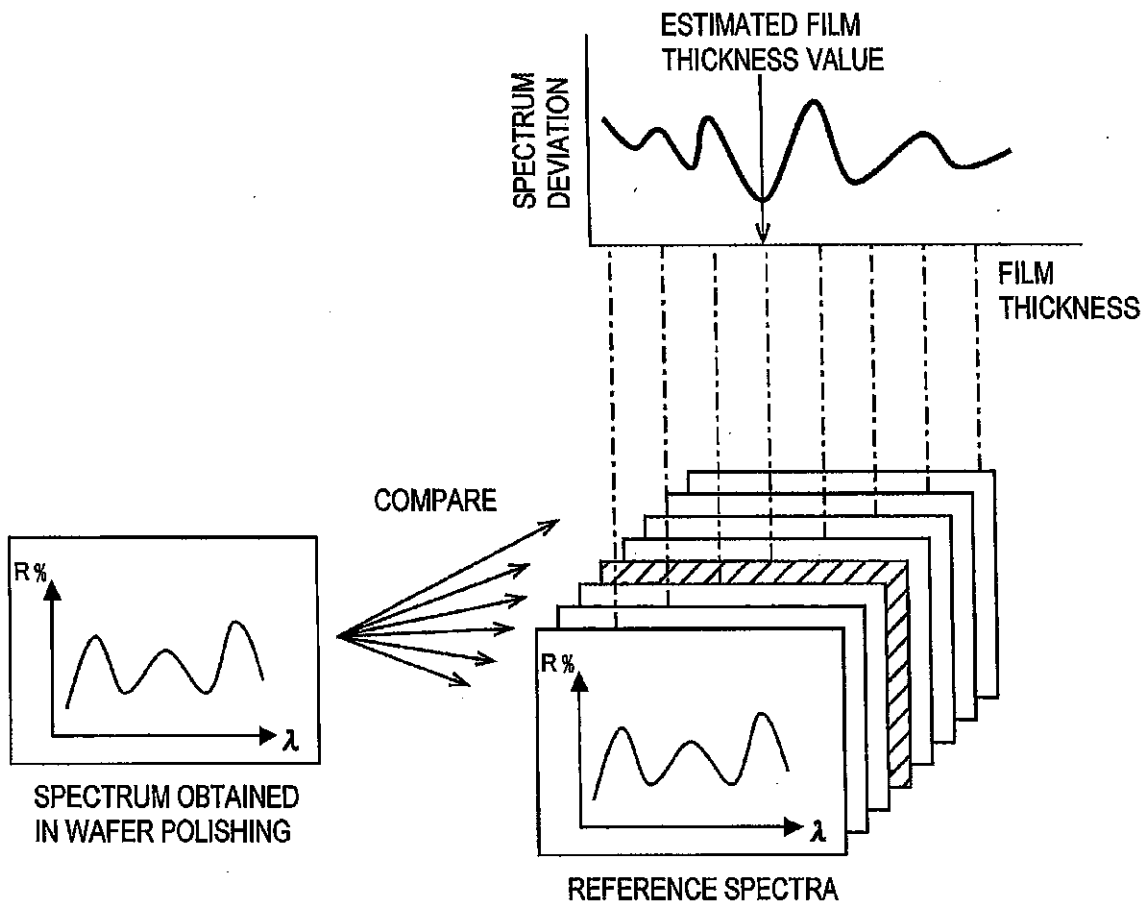
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FIG. 43



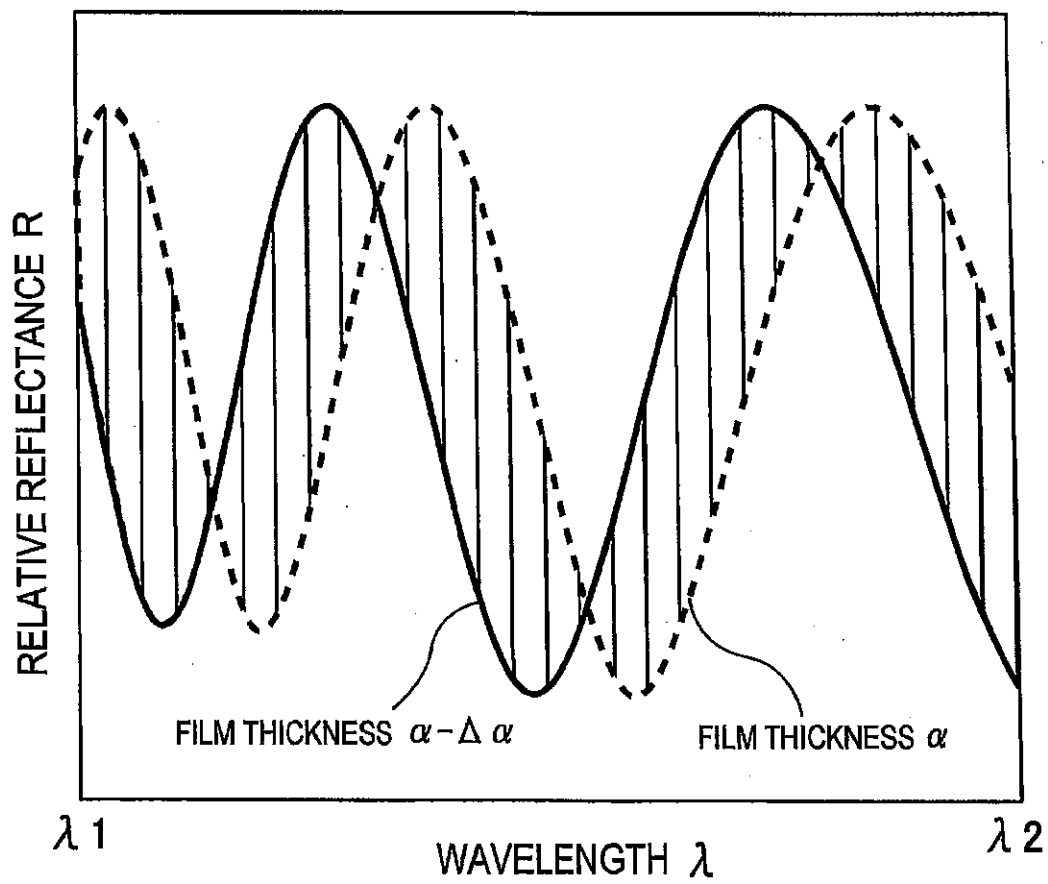
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FIG. 44



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FIG. 45



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FIG. 46

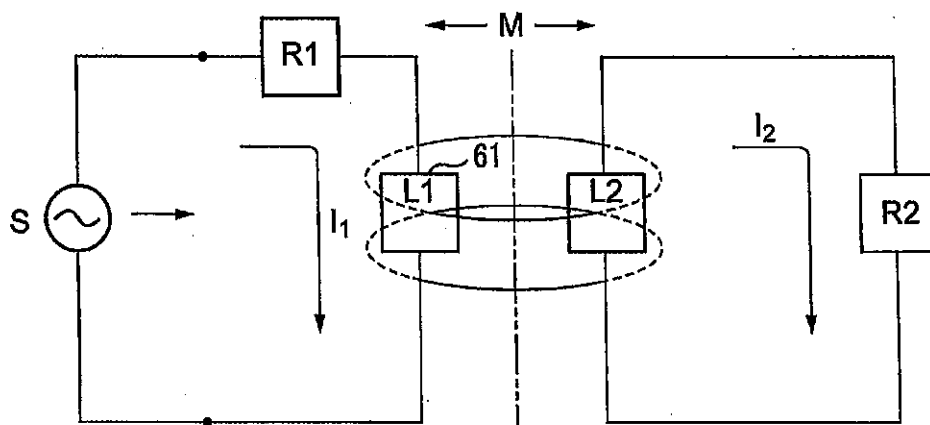
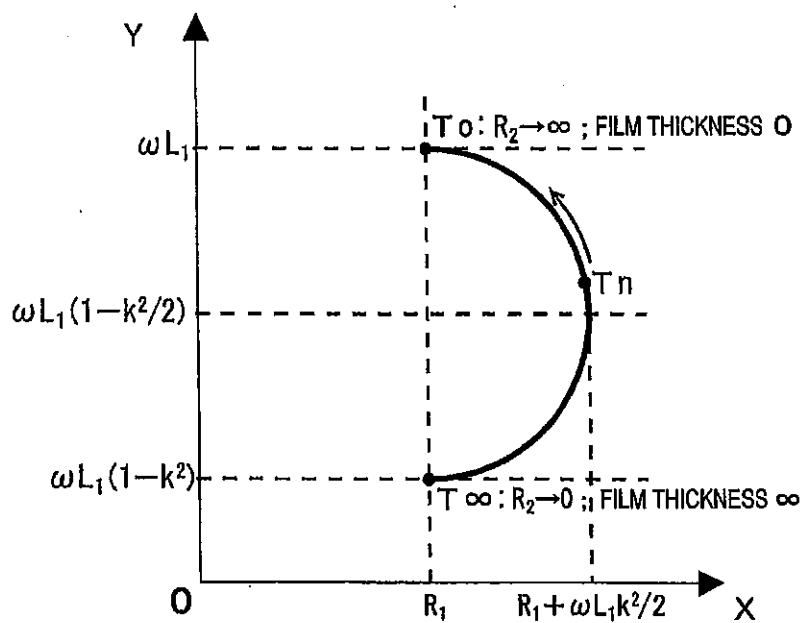


FIG. 47



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FIG. 48

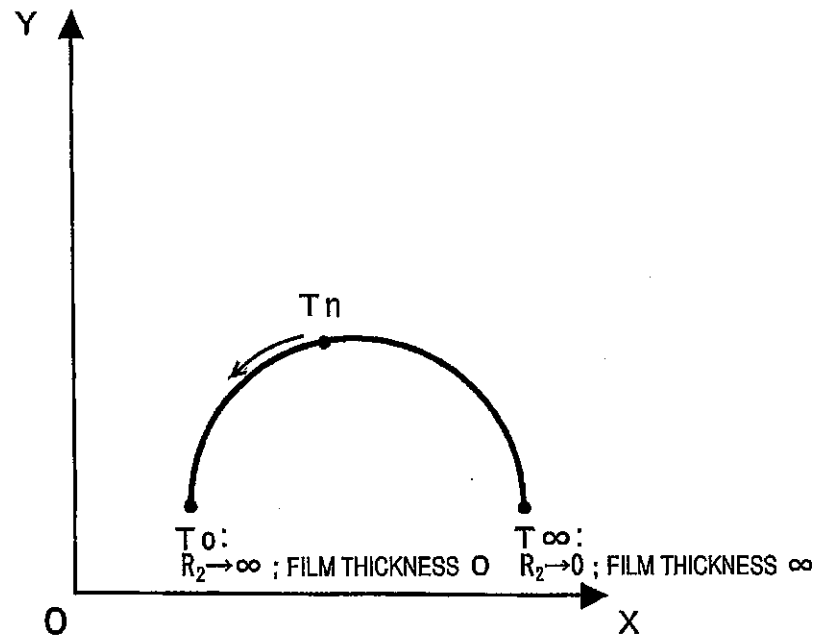
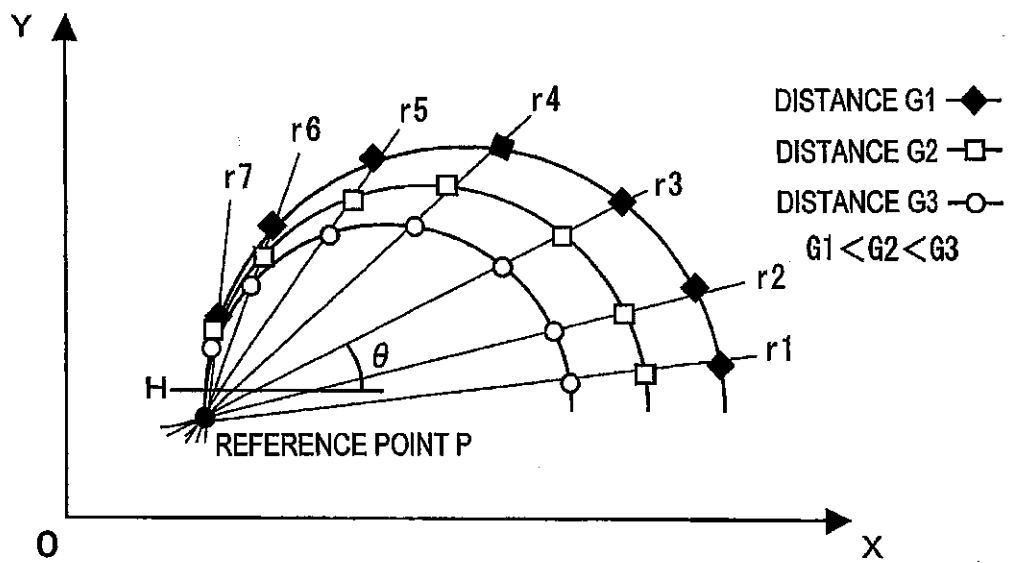


FIG. 49



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FIG. 50

