

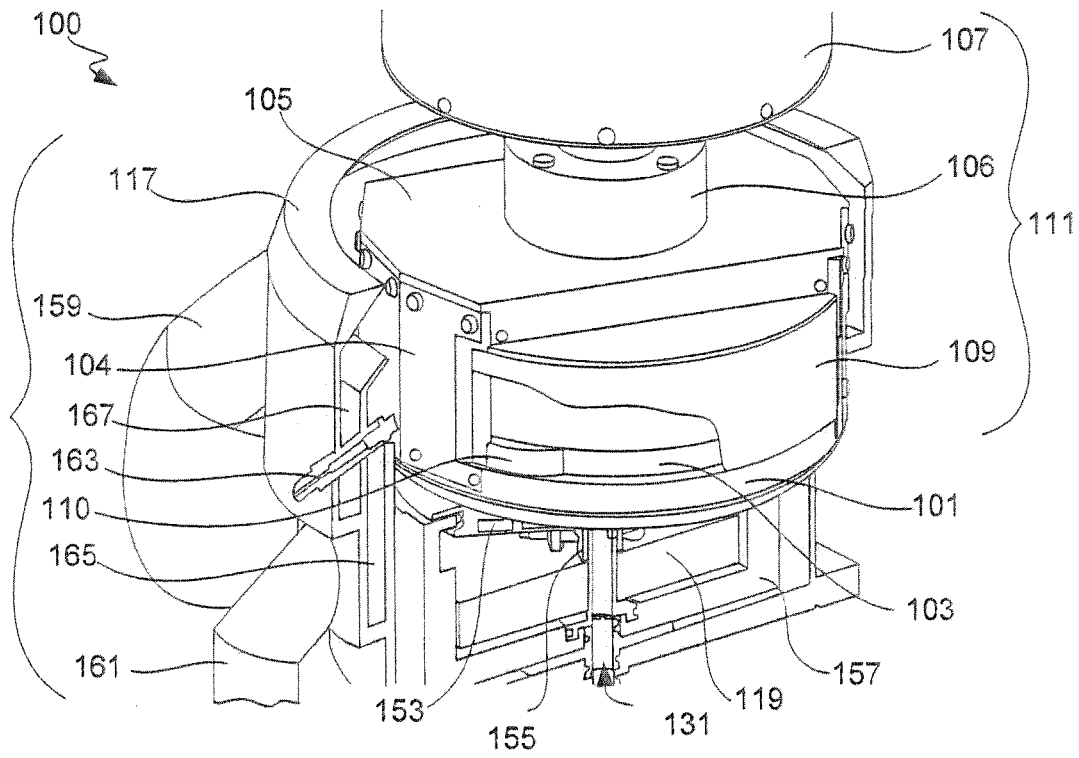


FIG. 1

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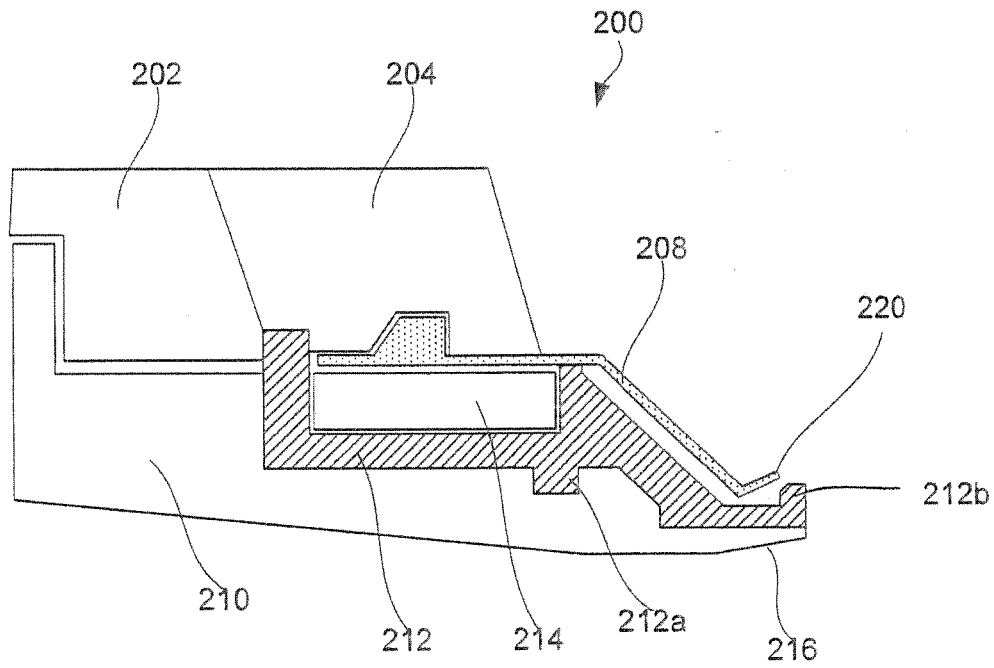


FIG. 2A

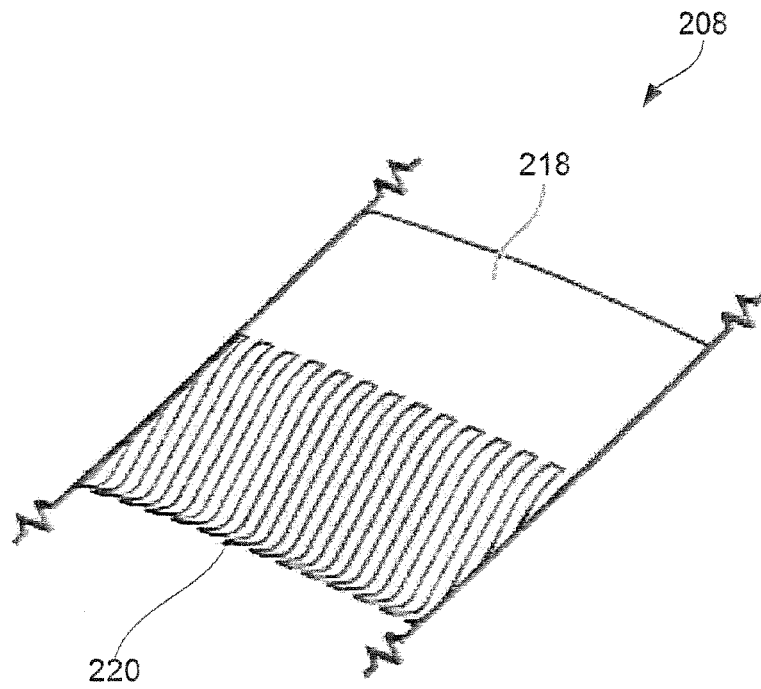
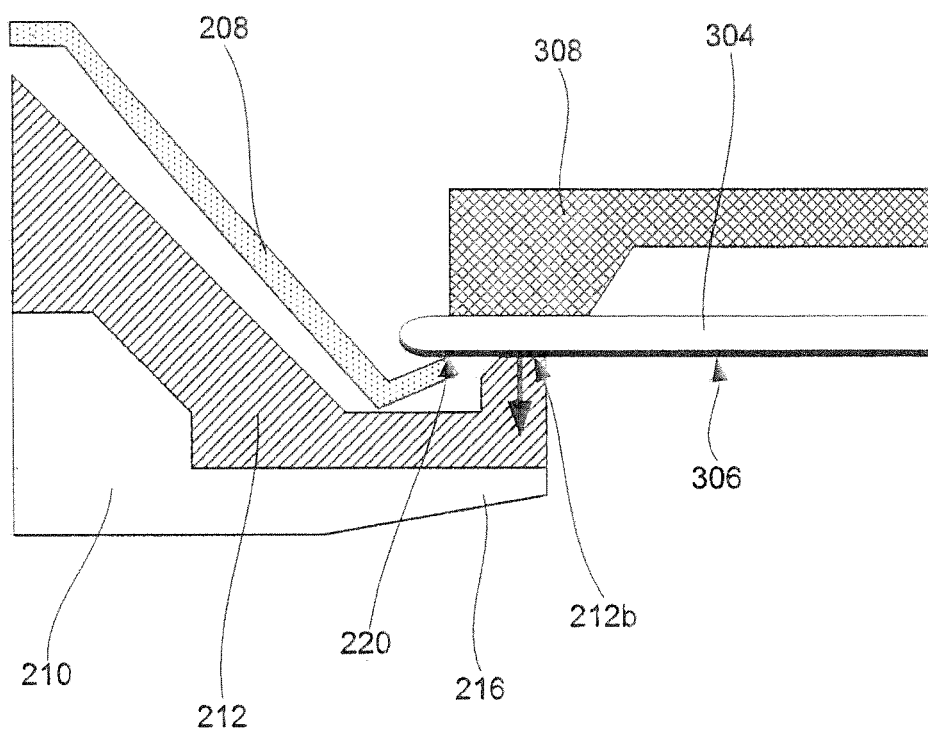
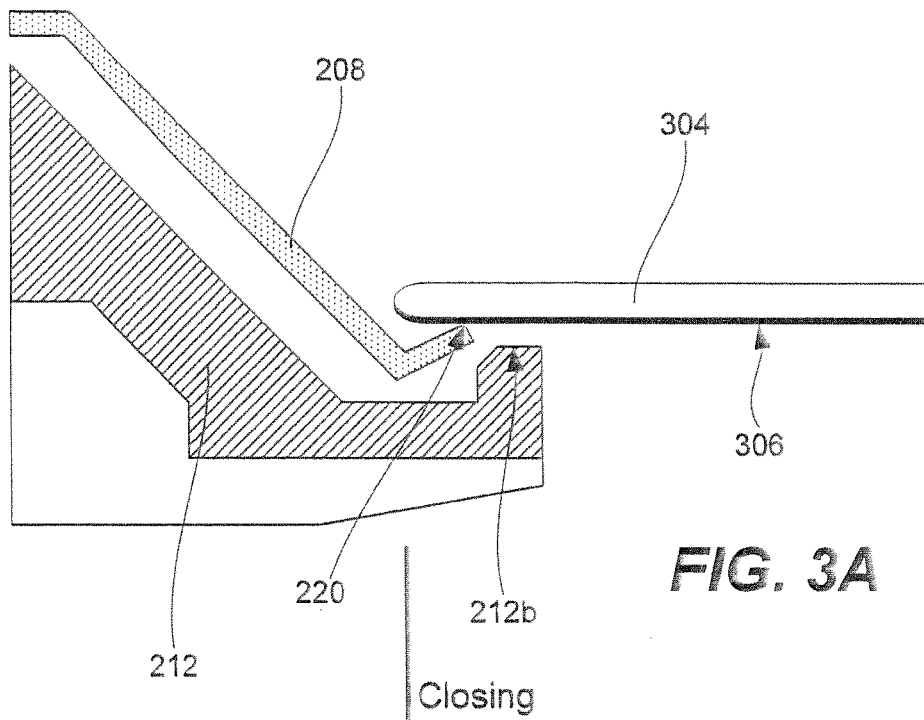
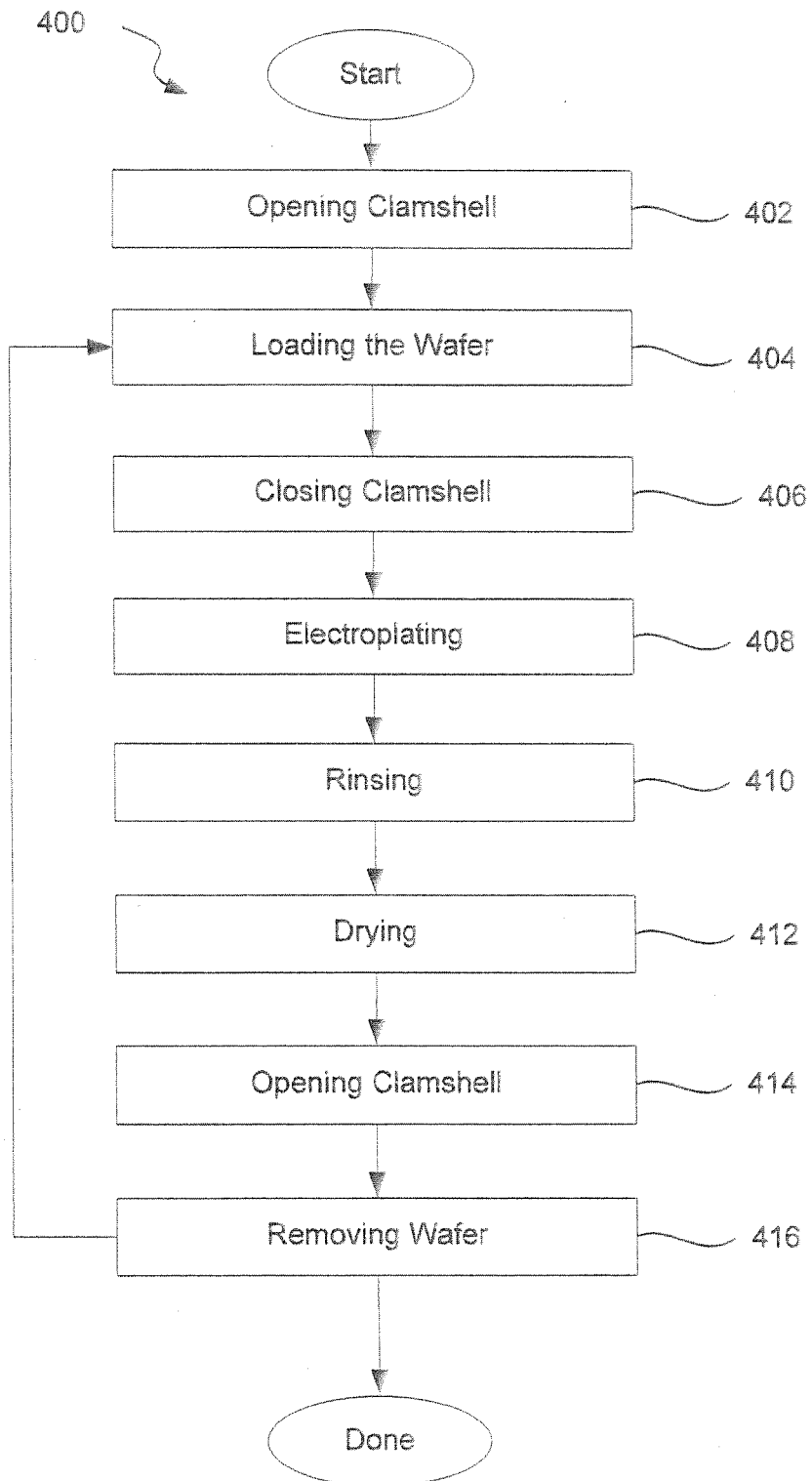


FIG. 2B



**FIG. 4**

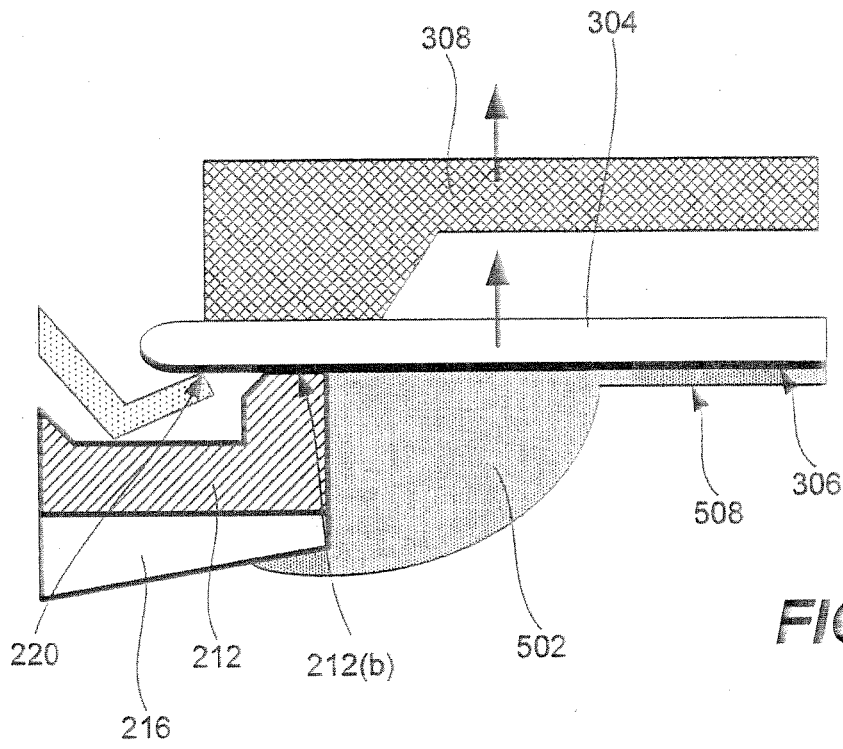


FIG. 5A

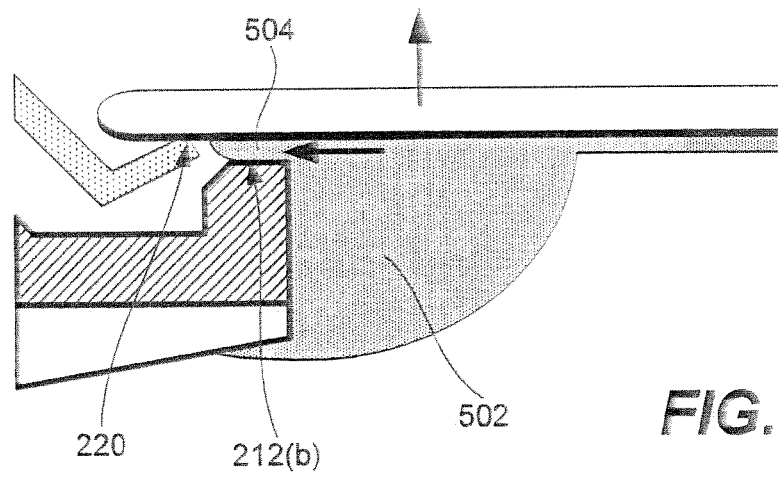


FIG. 5B

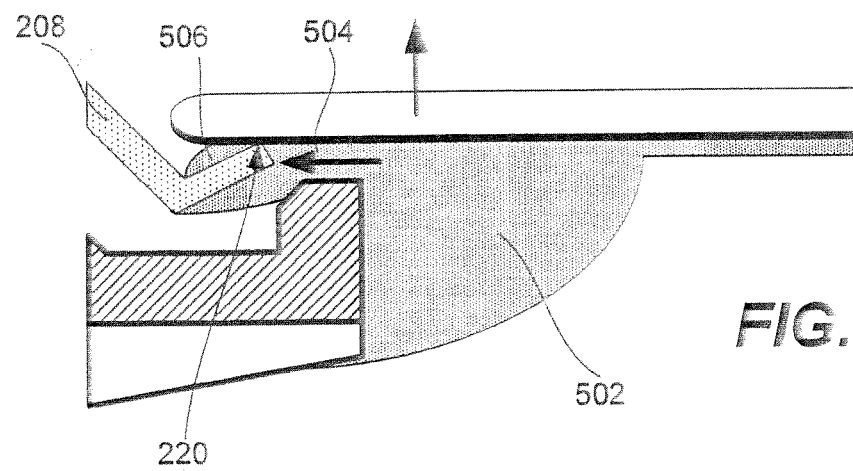
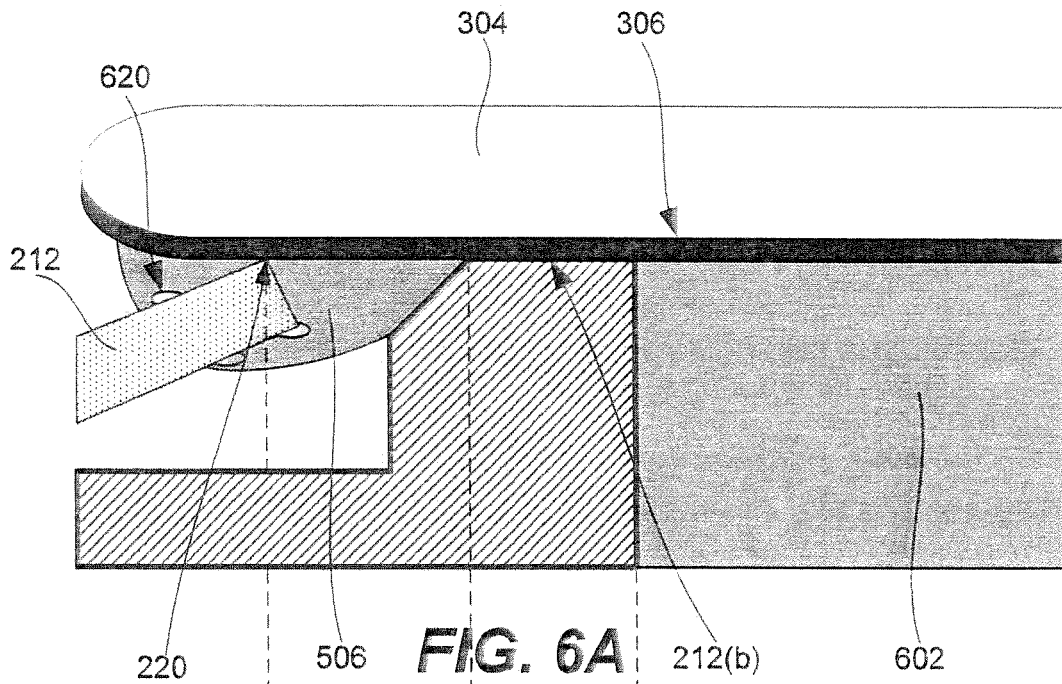
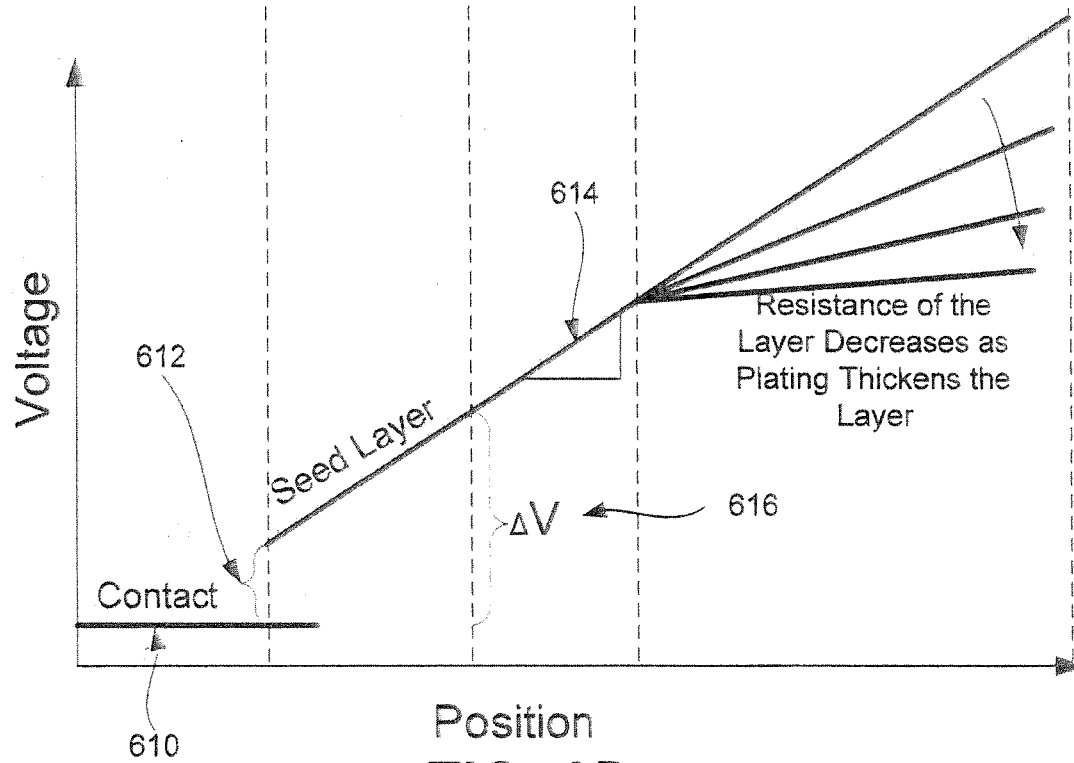


FIG. 5C

Opening

**FIG. 6A****FIG. 6B**

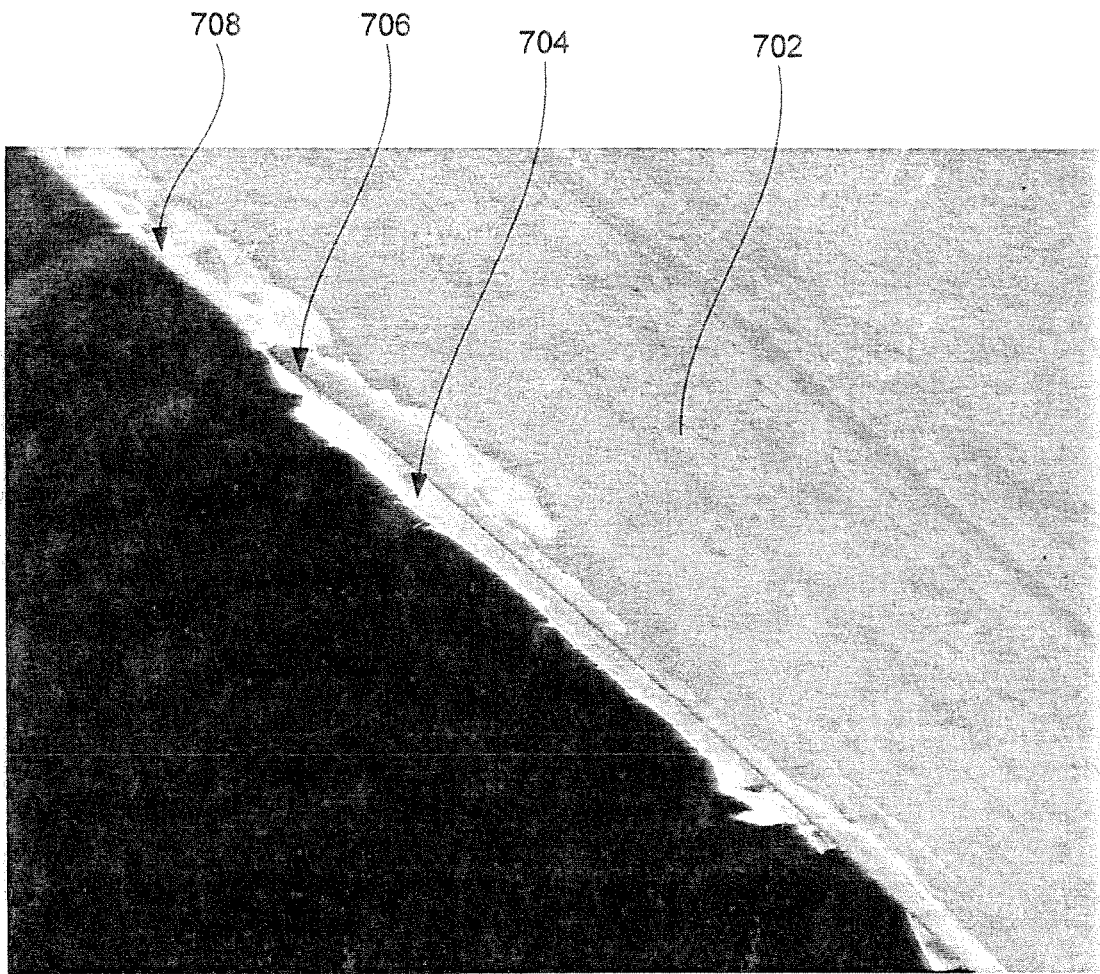
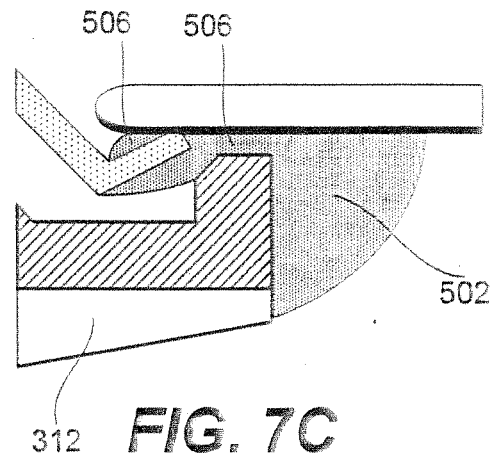
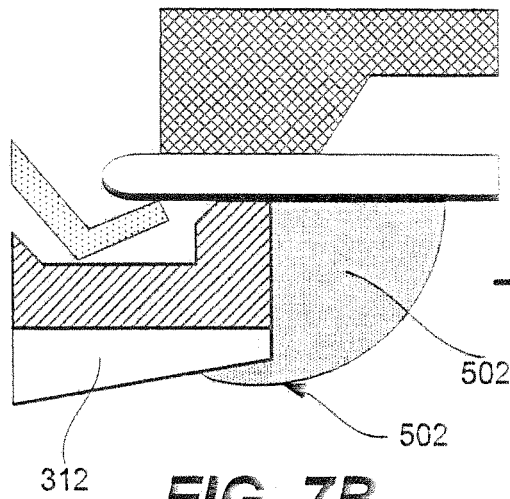
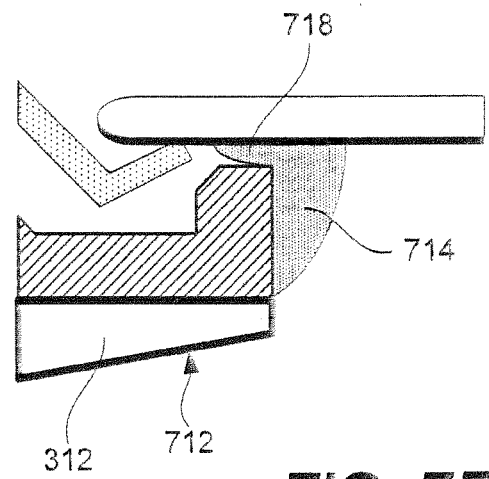
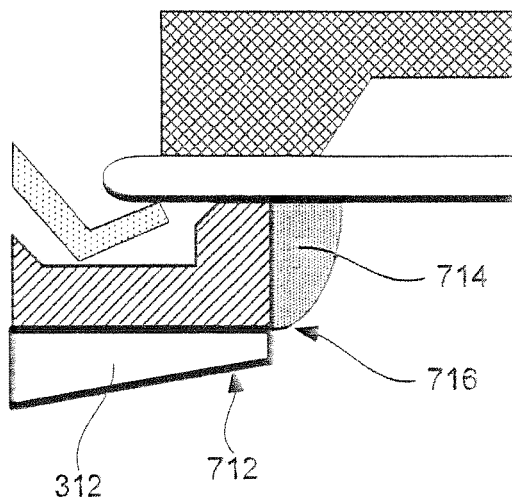


FIG. 7A



Change to More
Hydrophobic Coating



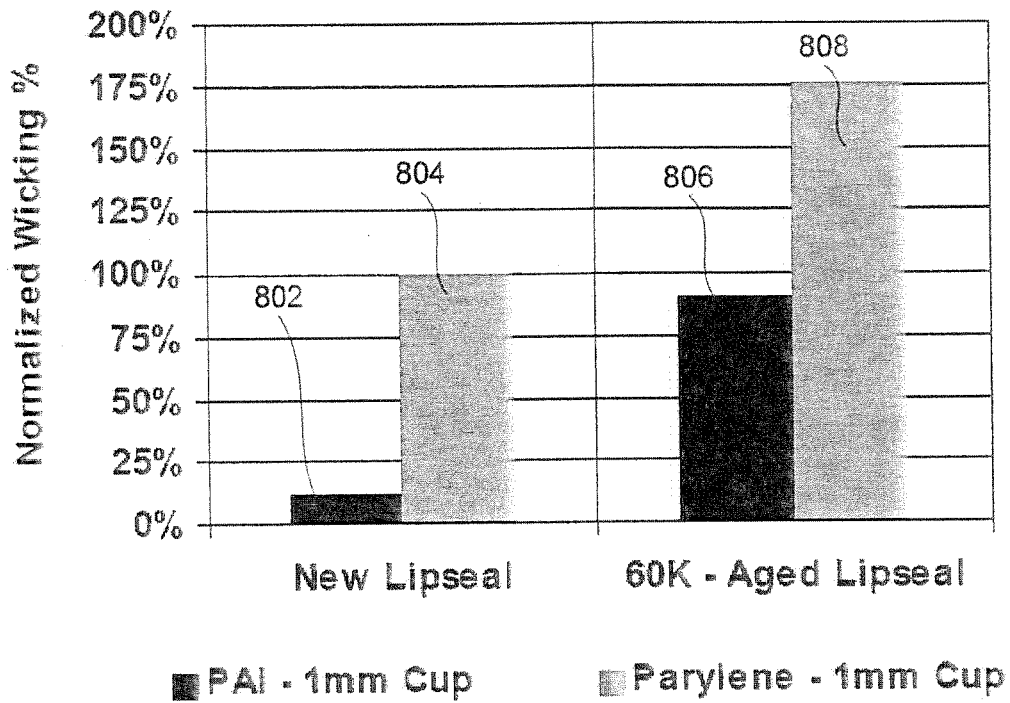


FIG. 8A

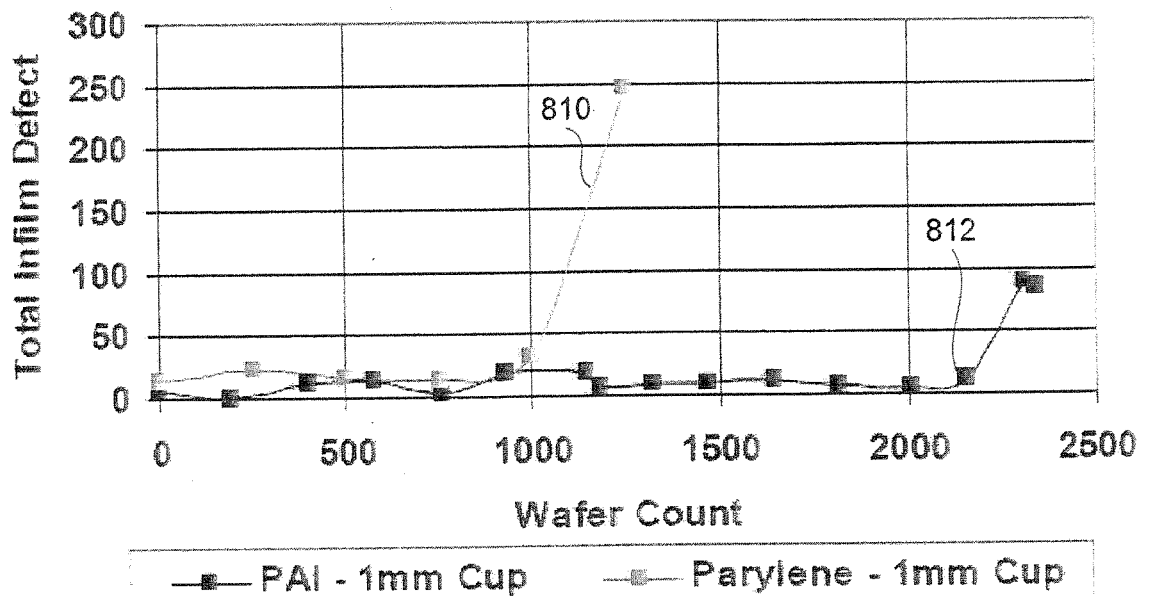
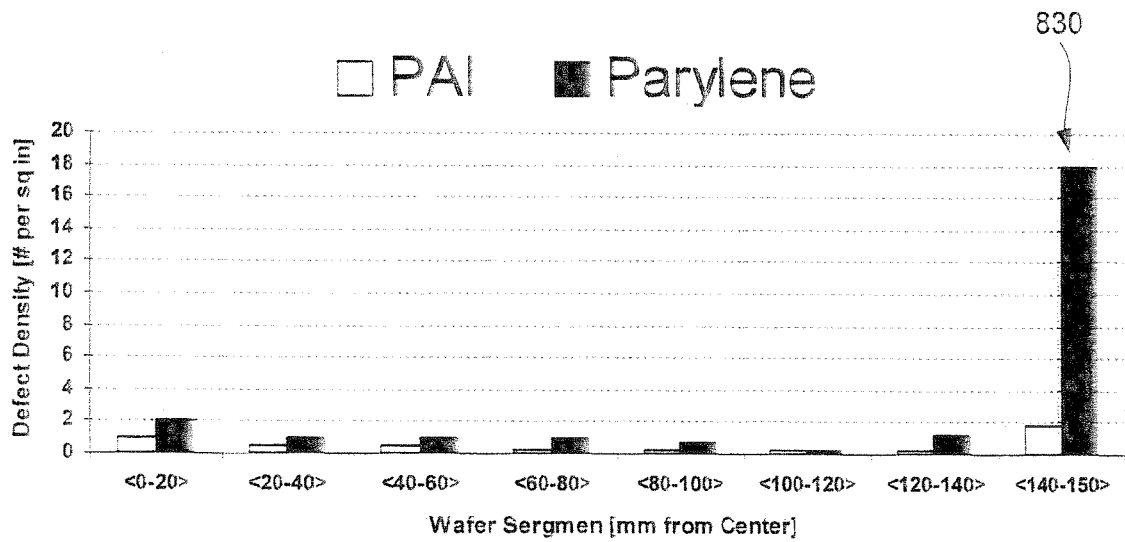
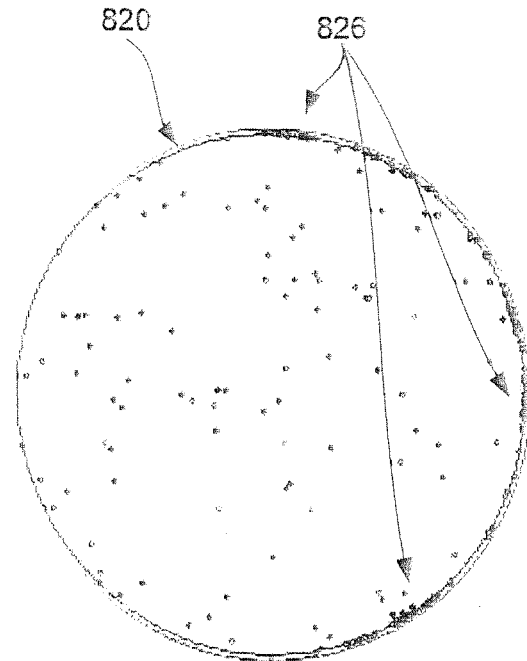
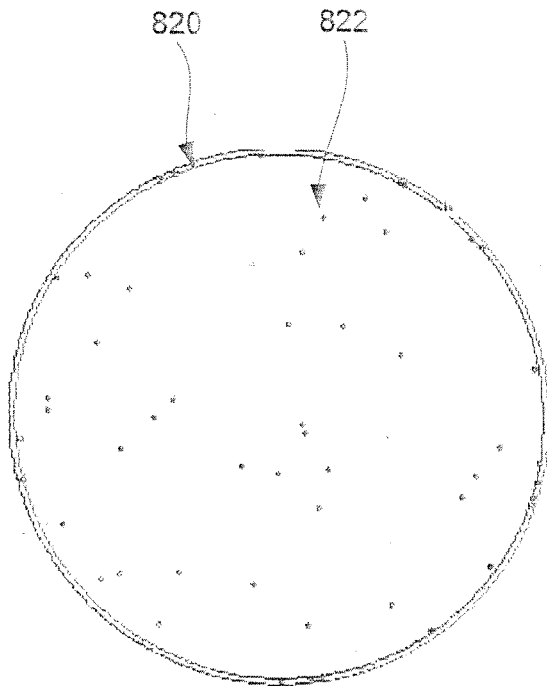


FIG. 8B

**FIG. 8E**

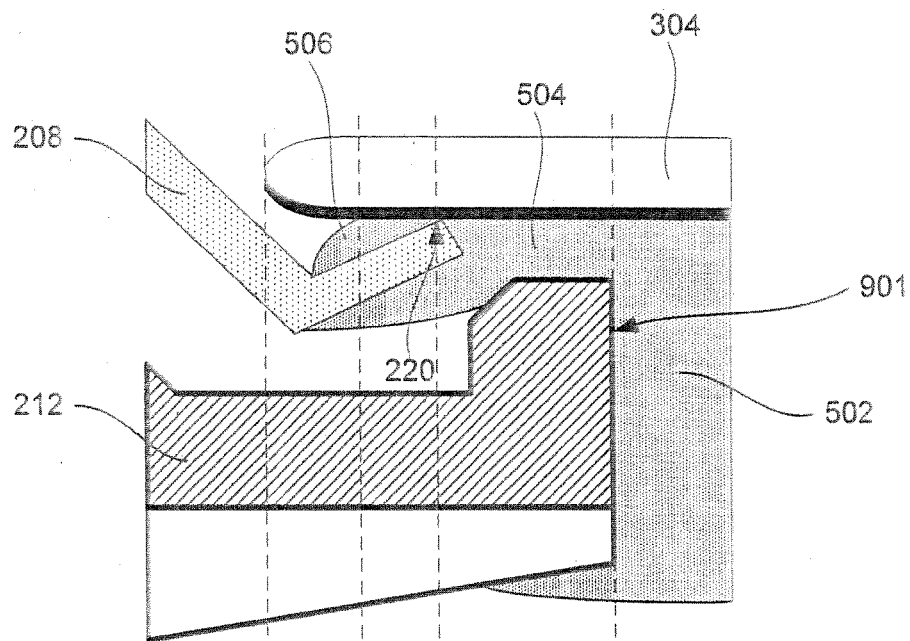


FIG. 9A

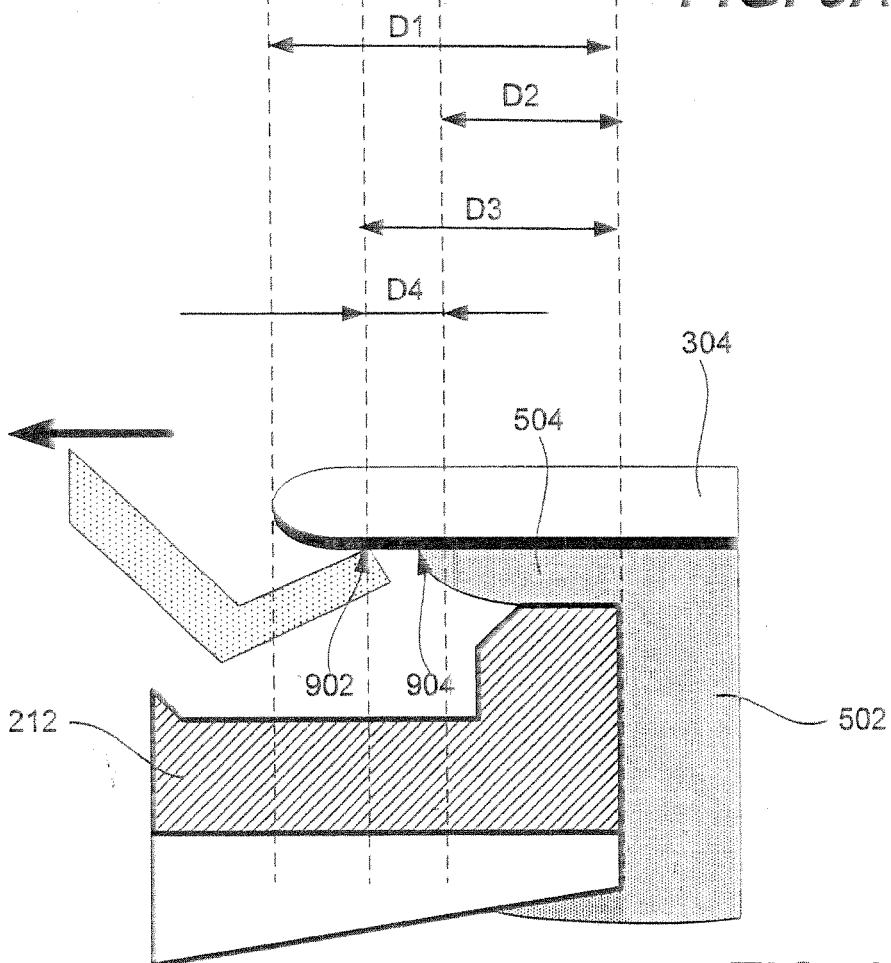


FIG. 9B

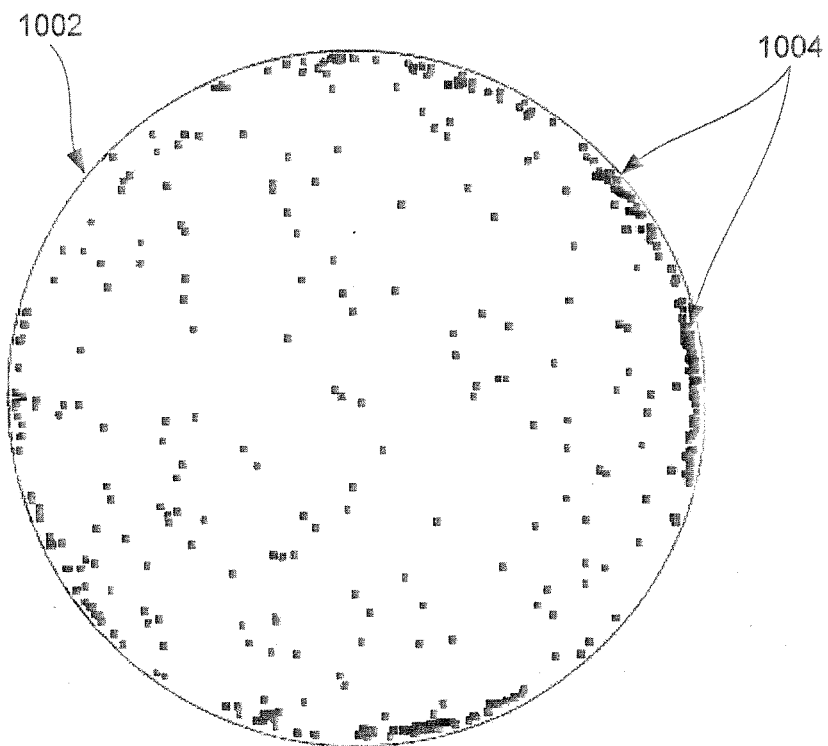


FIG. 10A

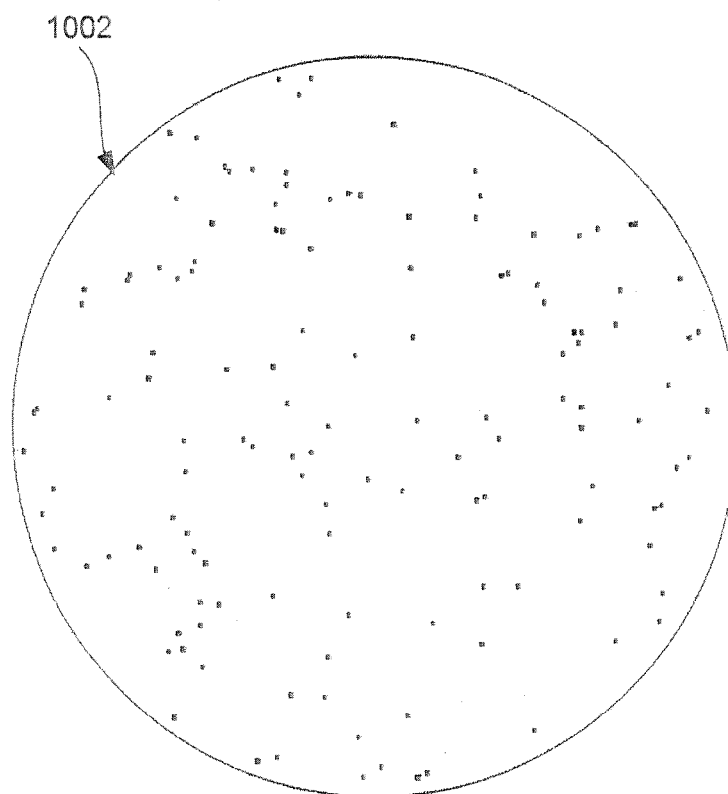


FIG. 10B

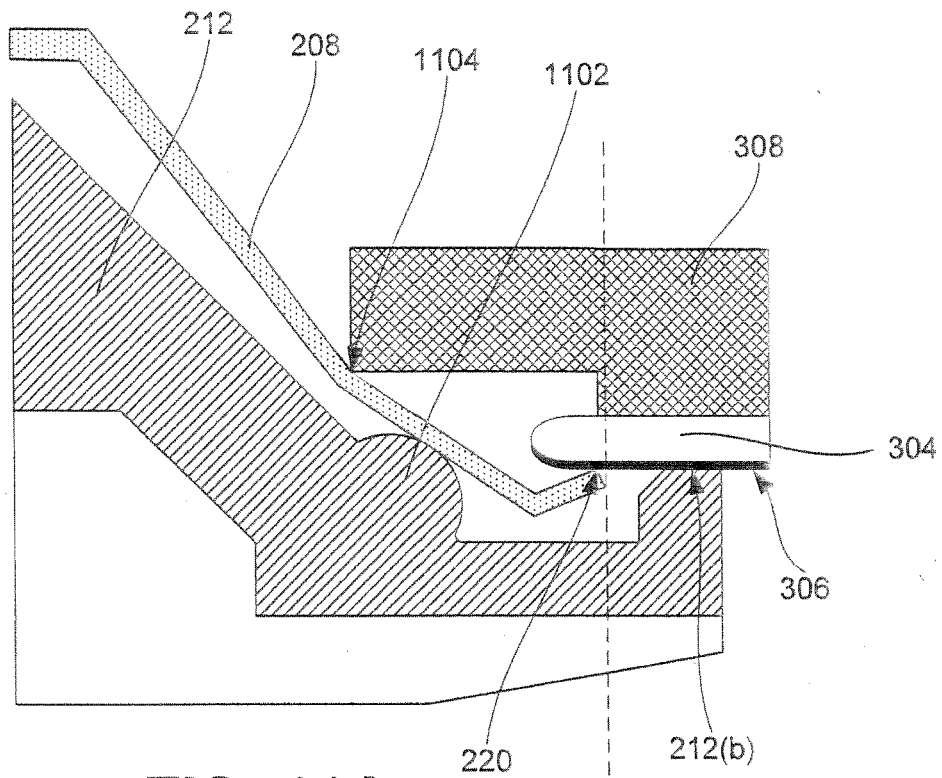


FIG. 11A

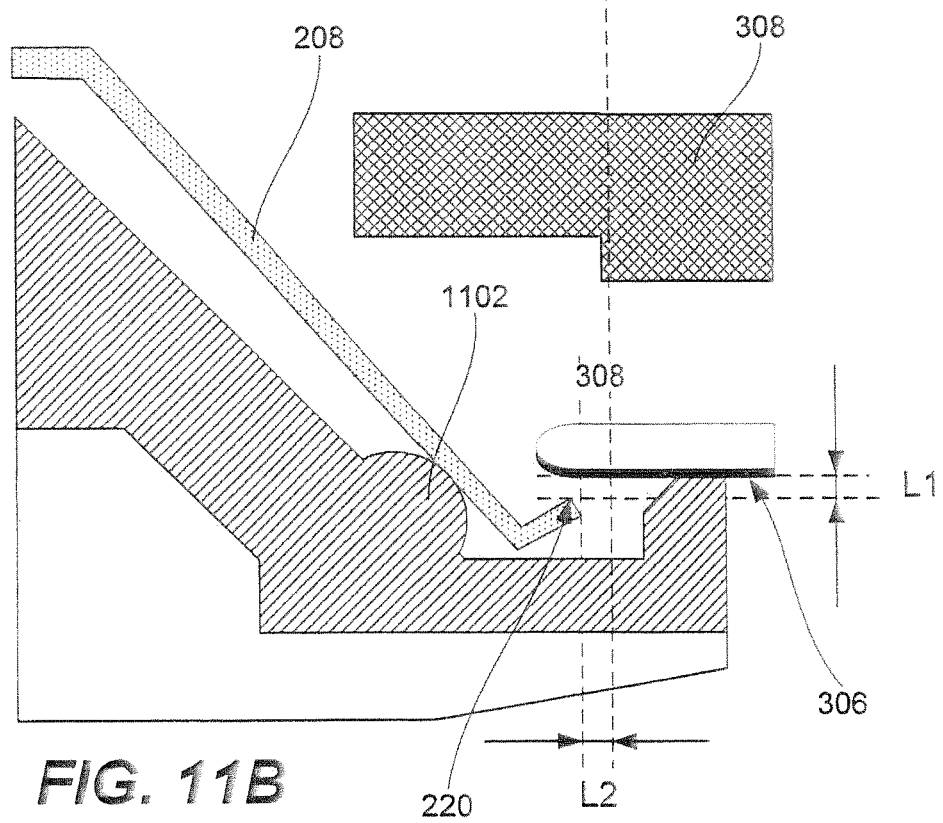


FIG. 11B

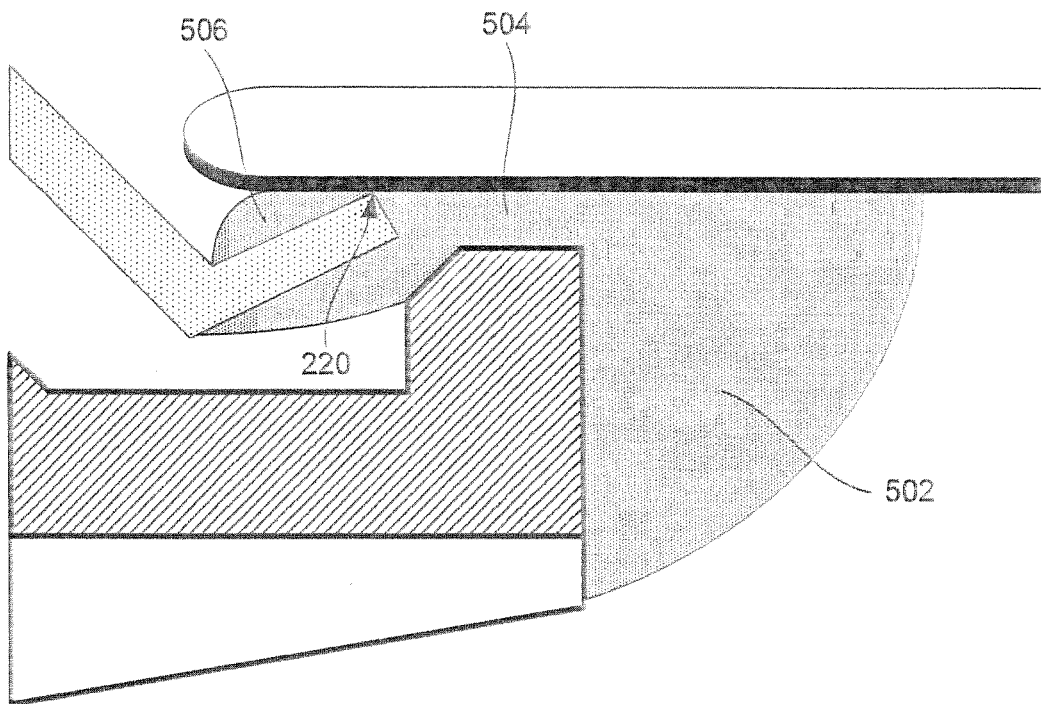


FIG. 12A

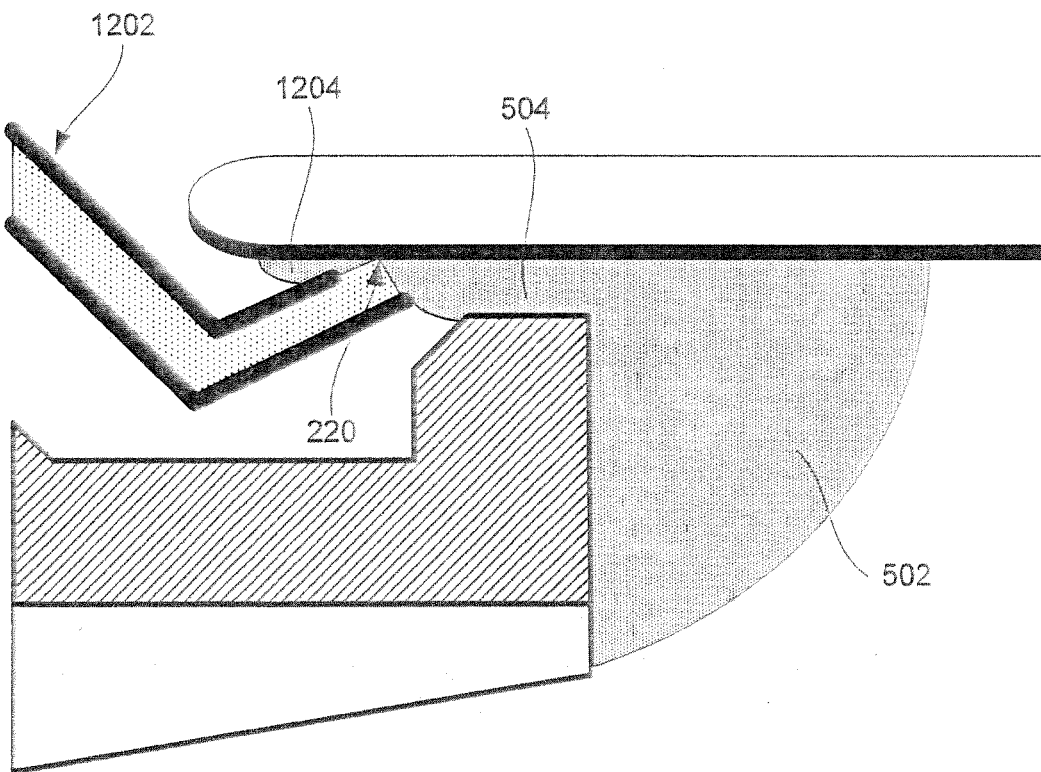
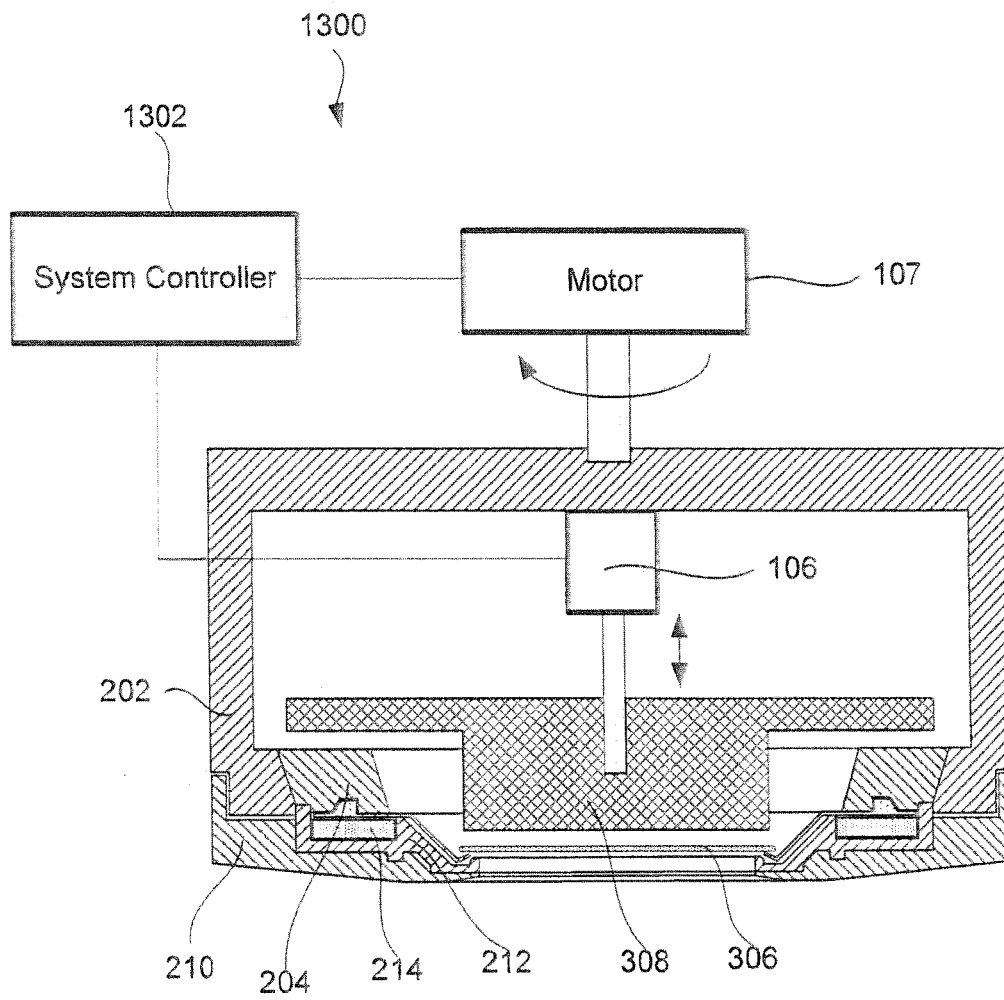
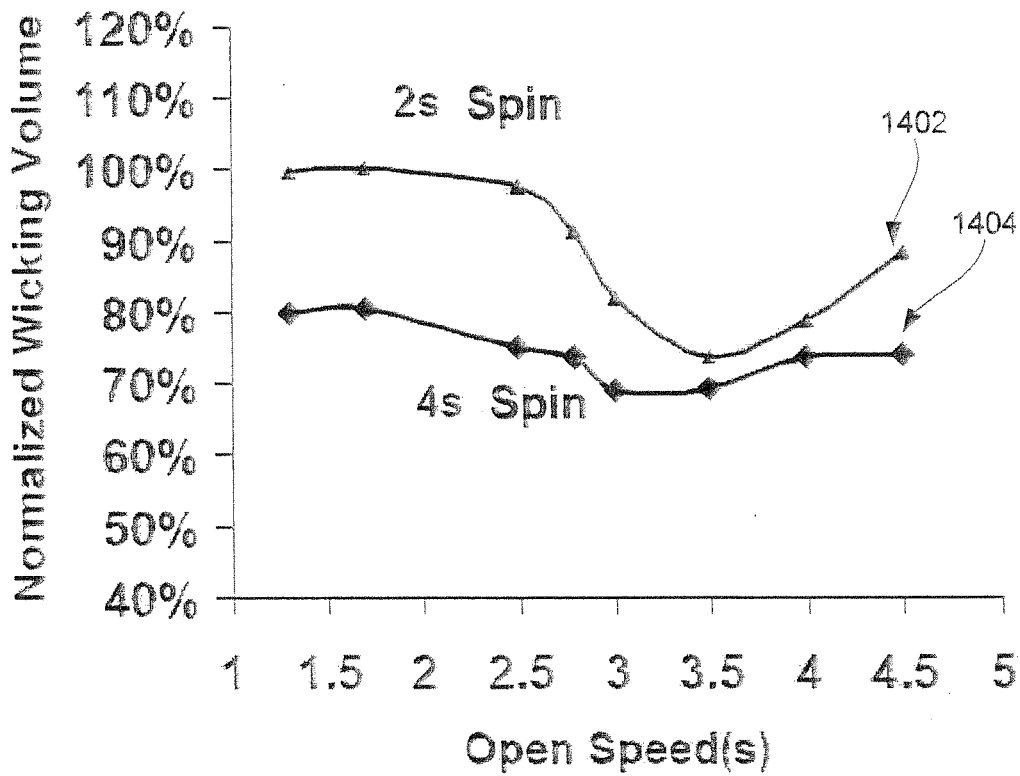
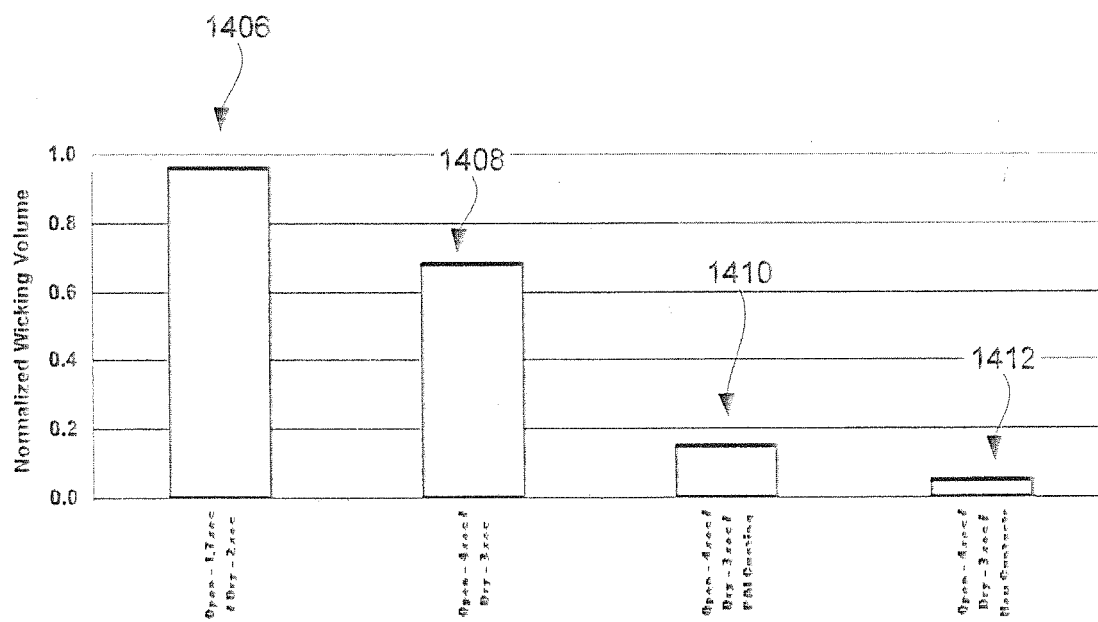


FIG. 12B

**FIG. 13**

**FIG. 14A****FIG. 14B**

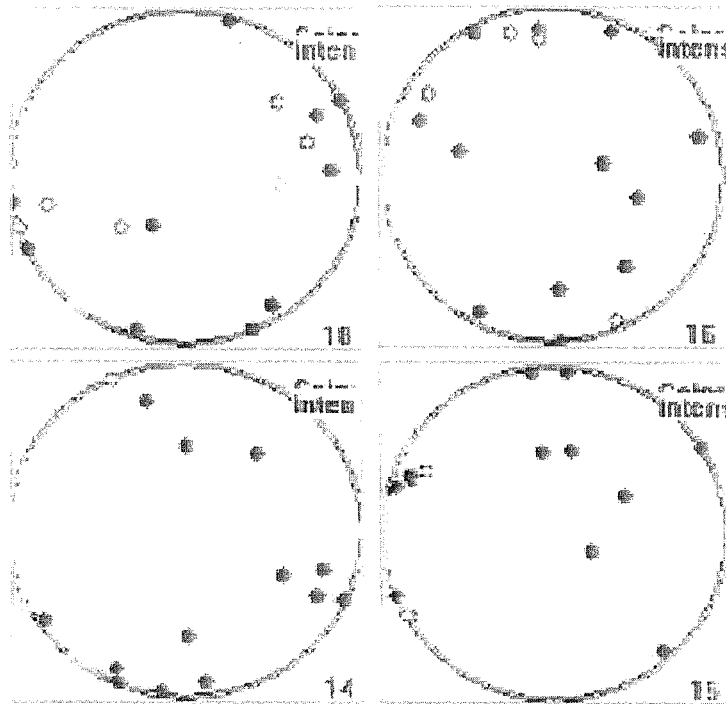


FIG. 15A

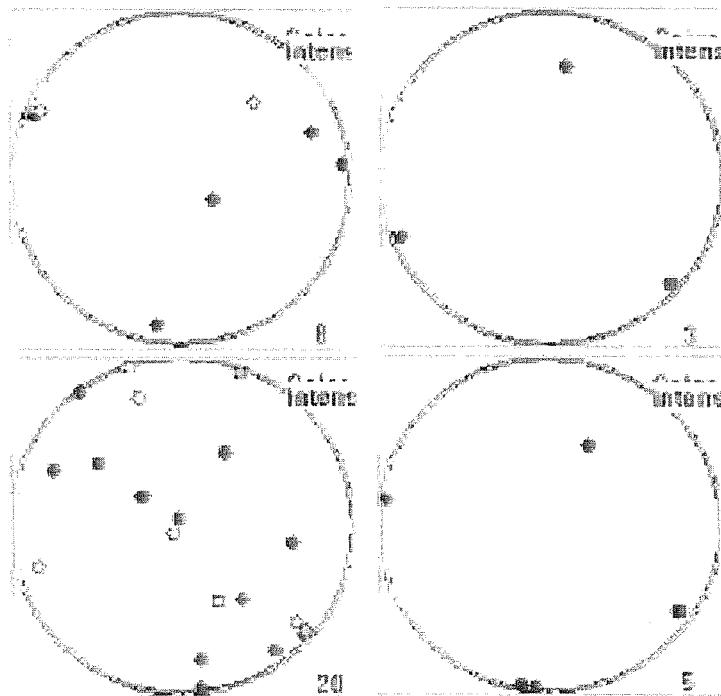
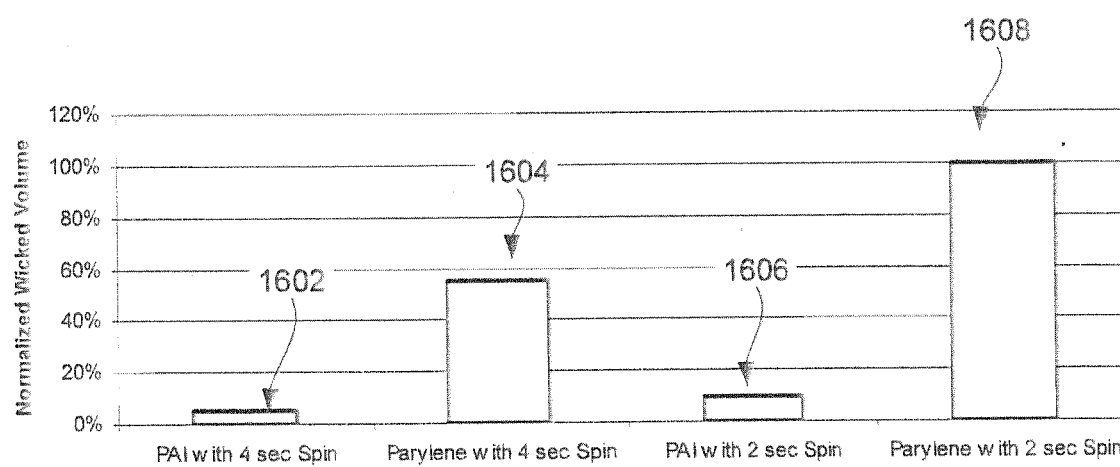
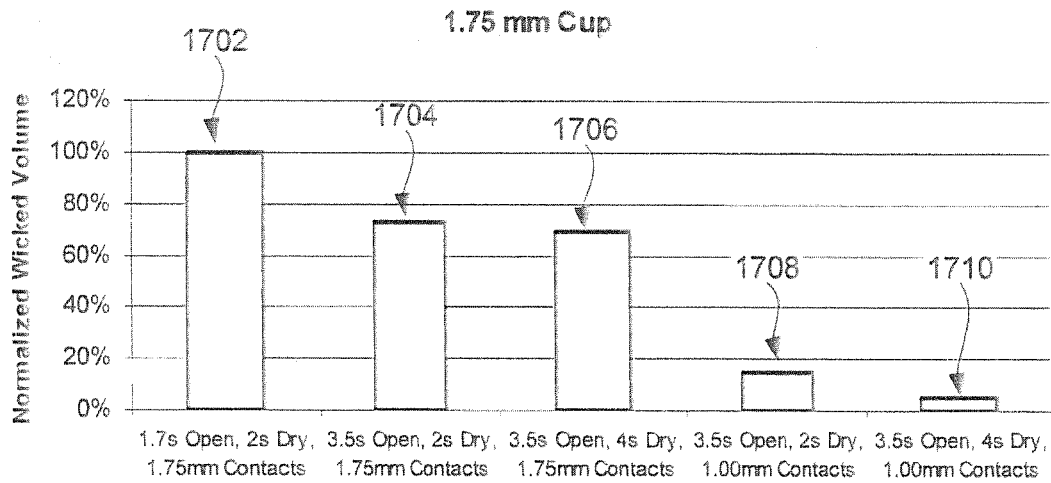
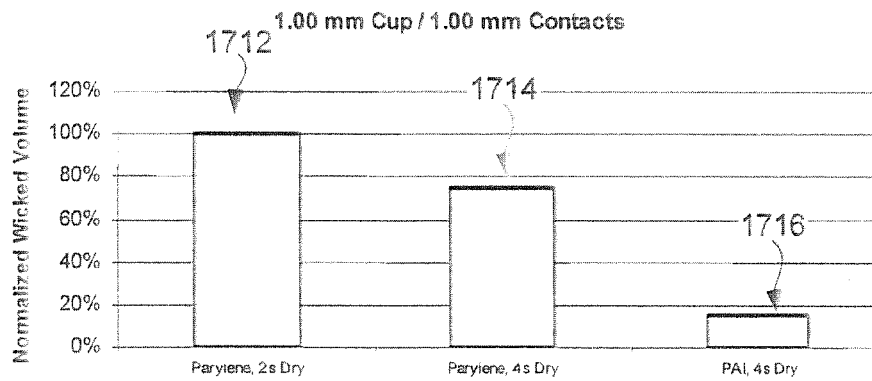


FIG. 15B

**FIG. 16**

**FIG. 17A****FIG. 17B**

Defect Trend at Various Running Conditions
(1.75mm Cup)

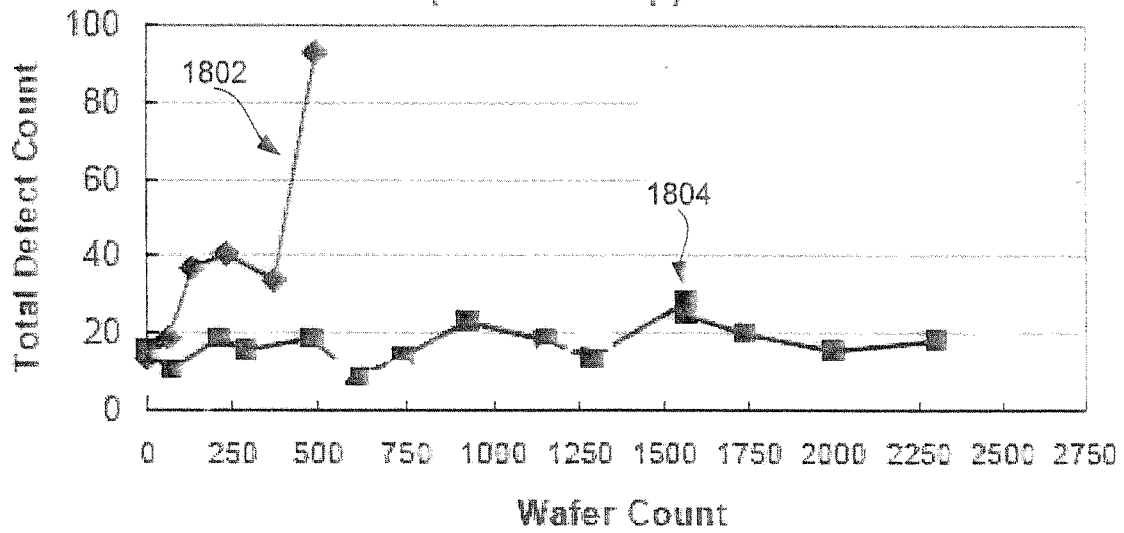


FIG. 18A

Defect Trend at Various Running Conditions
(1mm Cup)

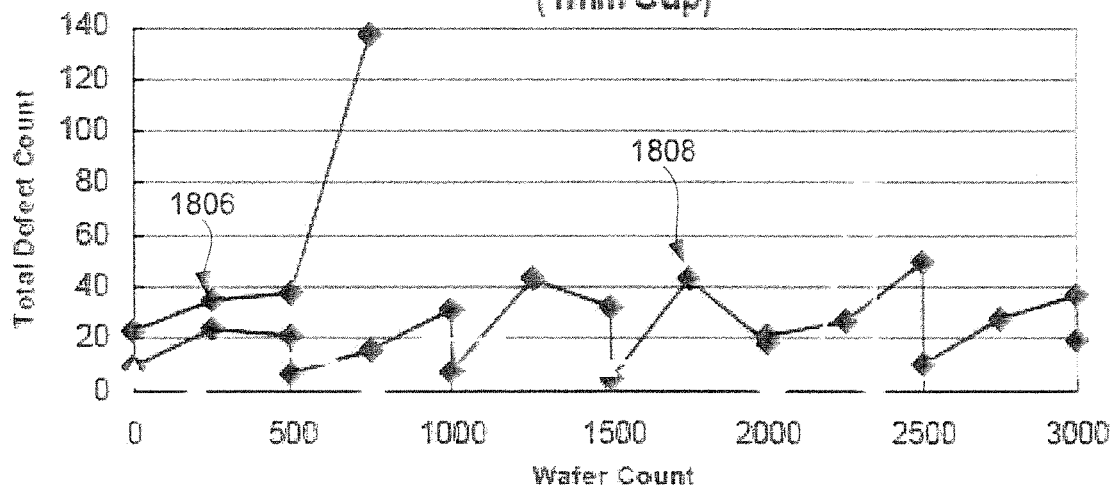
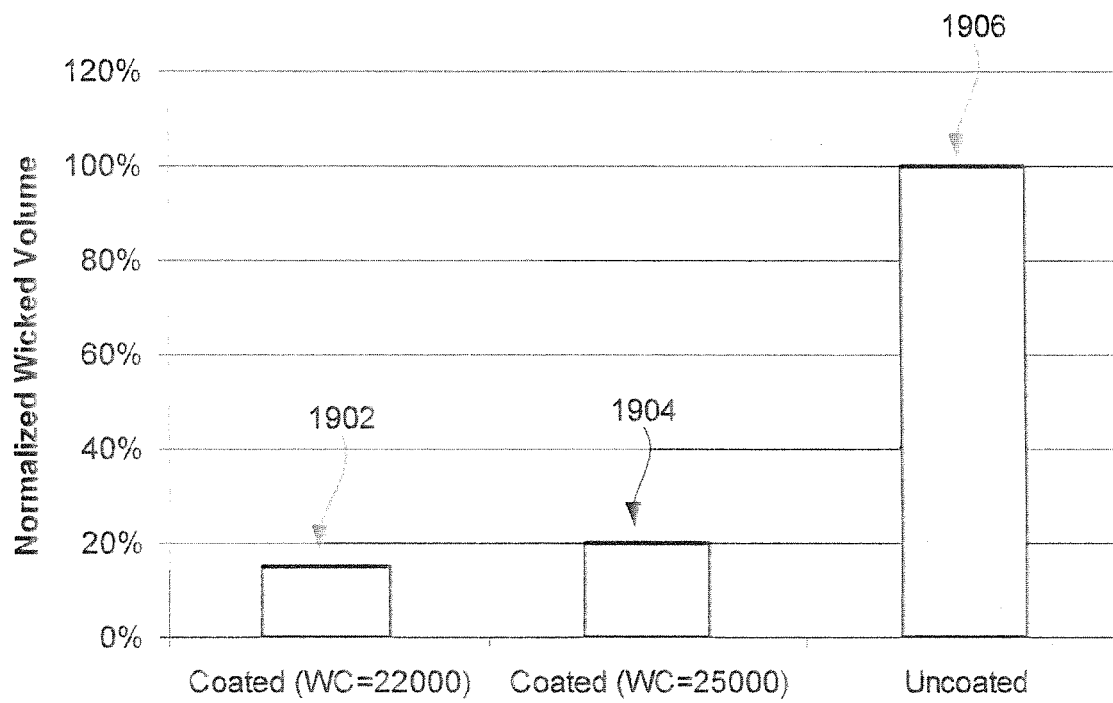


FIG. 18B

**FIG. 19**