

FIG. 1A

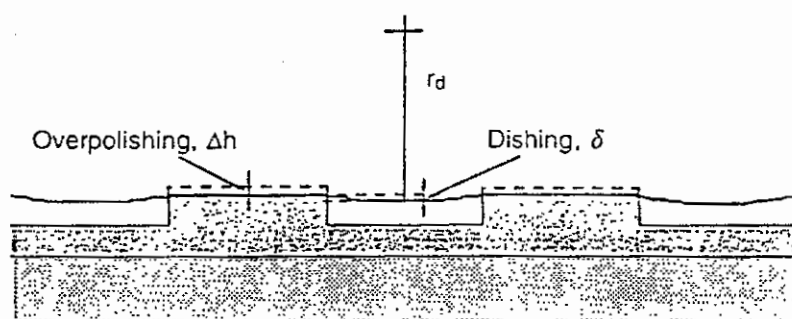


FIG. 1B

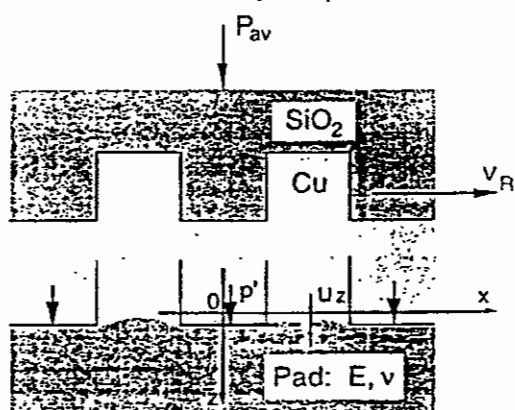


FIG. 2A

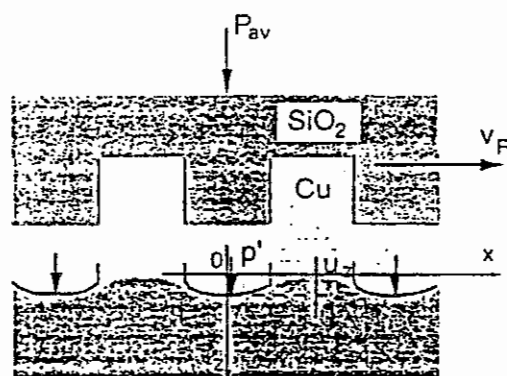
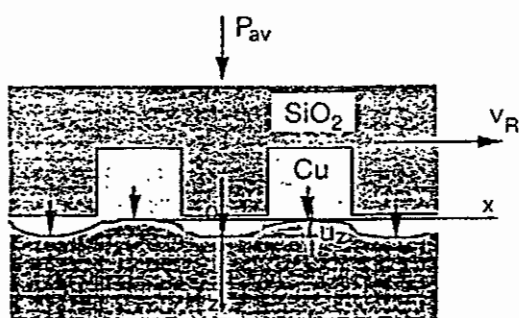


FIG. 2B



2C

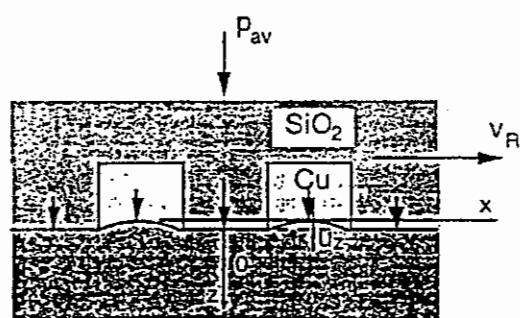


FIG. 2D

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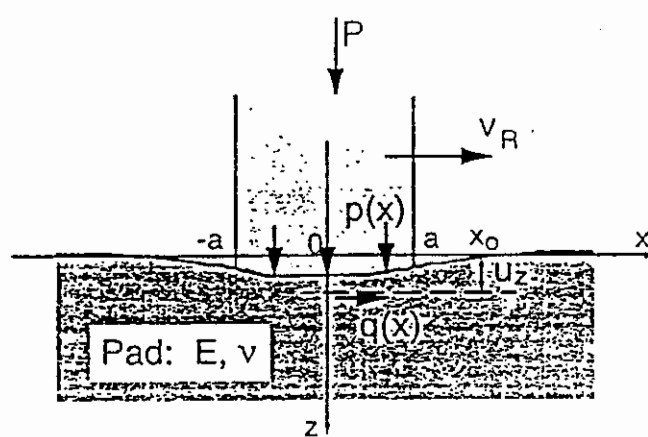


FIG. 3

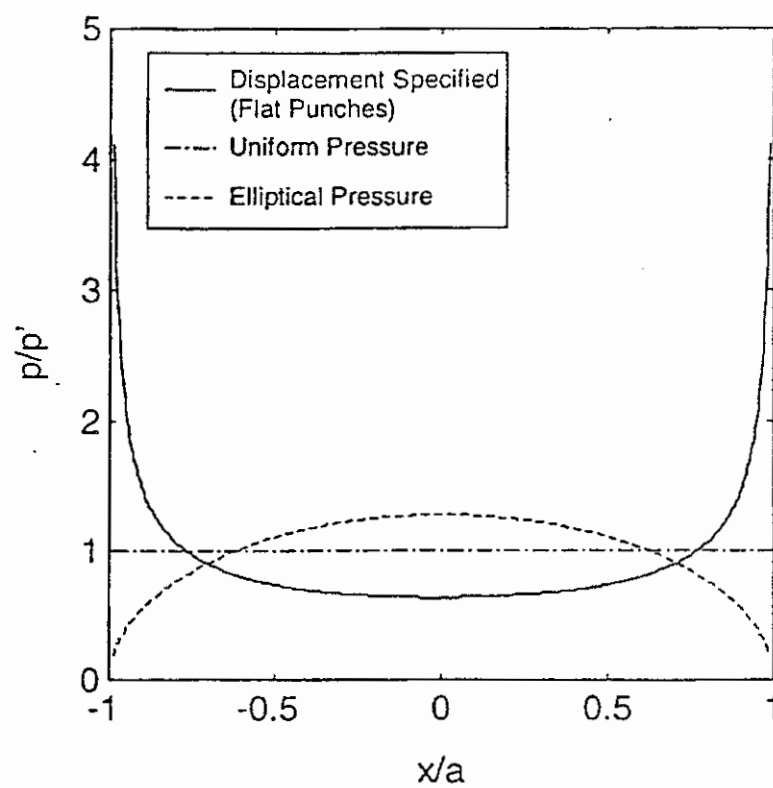


FIG. 4

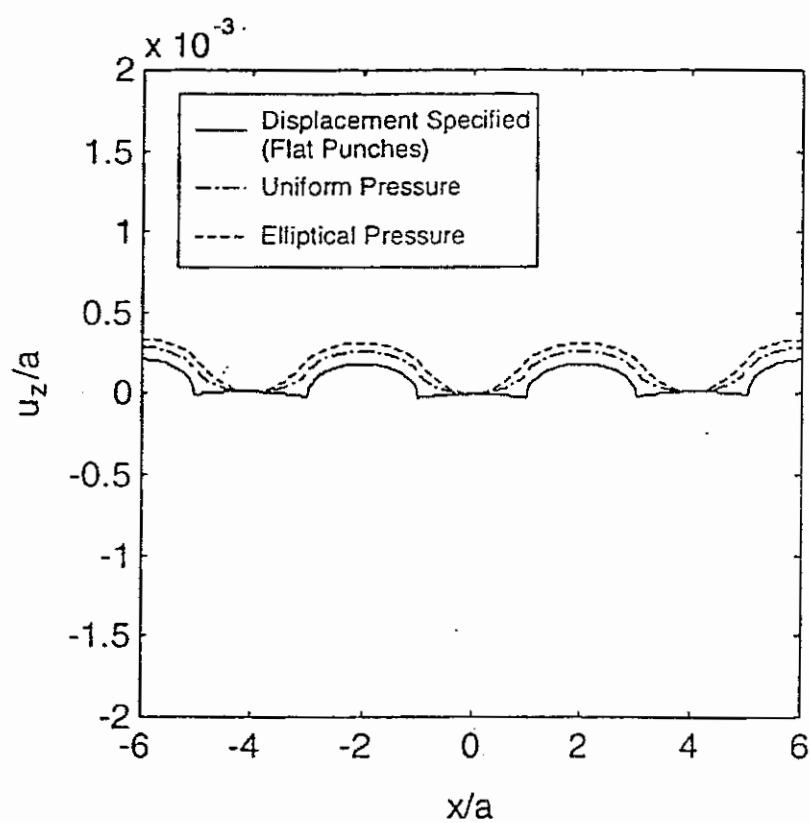


FIG. 5

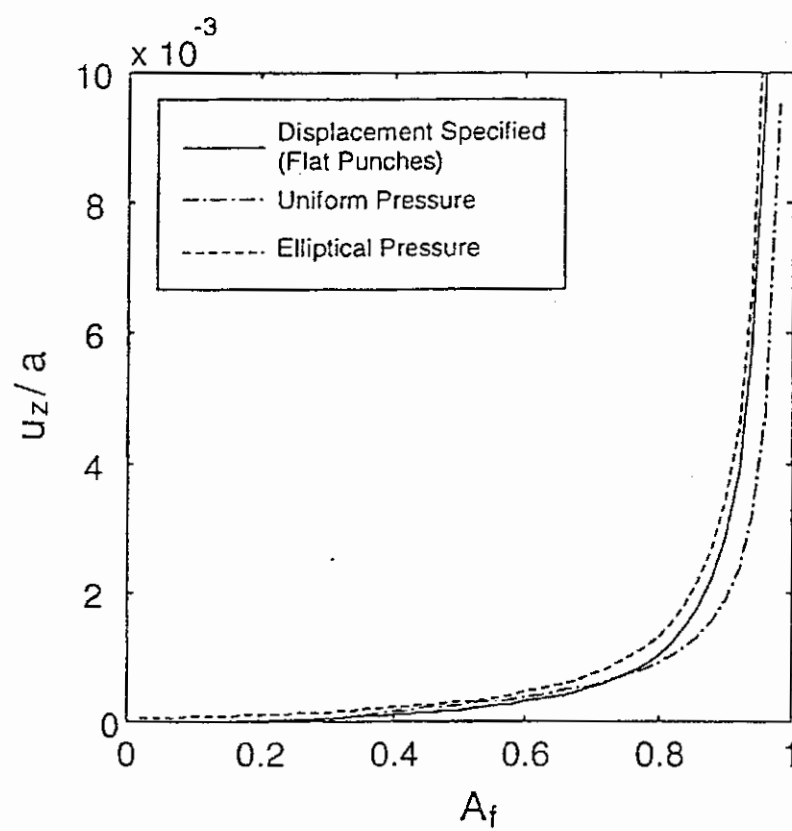


FIG. 6

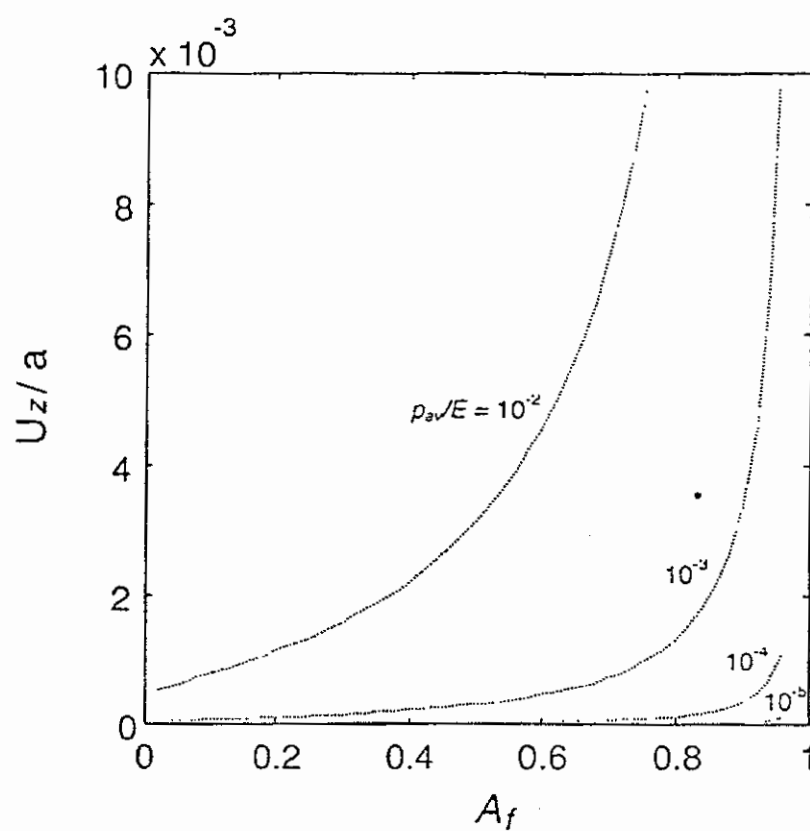


FIG. 7

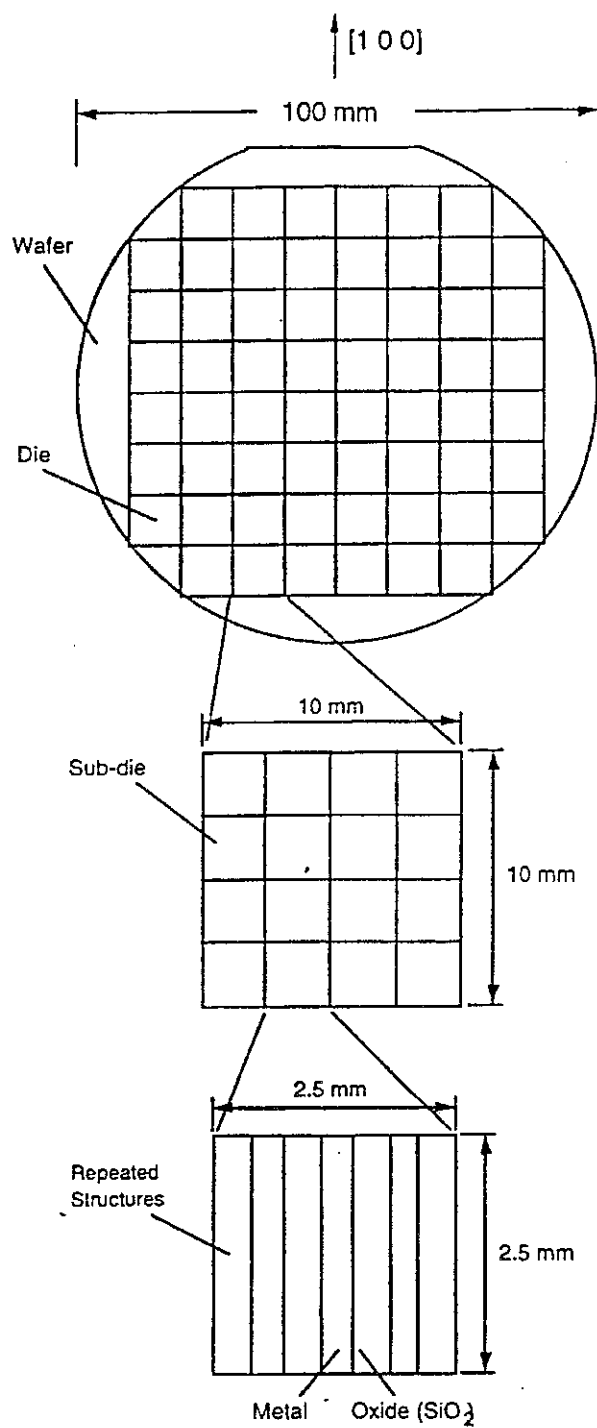


FIG. 8

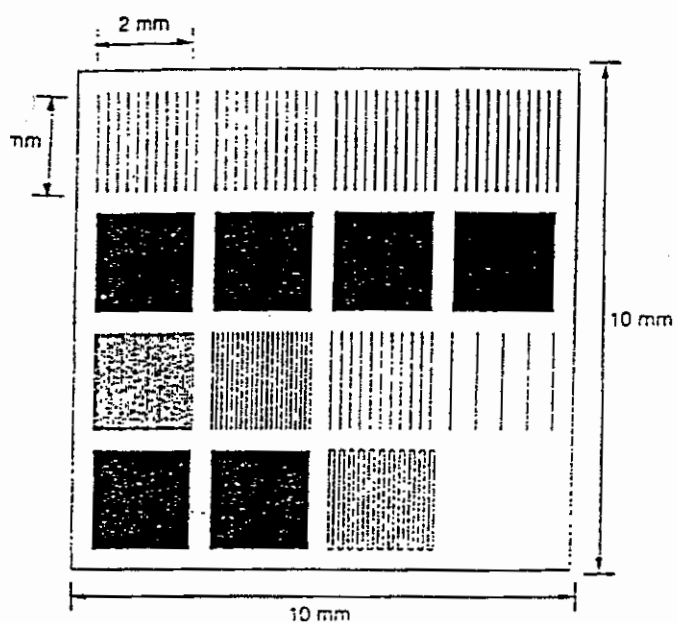


FIG. 9A

0.5/200 0.0025	0.7/200 0.0035	5/200 0.025	25/200 0.125
0.5/1 0.5	0.5/2 0.25	0.5/4 0.125	0.5/10 0.05
0.5/50 0.001	1/100 0.01	2/200 0.01	5/500 0.01
2/4 0.5	25/50 0.5	100/200 0.5	Field (No feature)

Linewidth (μm) / Pitch (μm)
Area Fraction

FIG. 9B

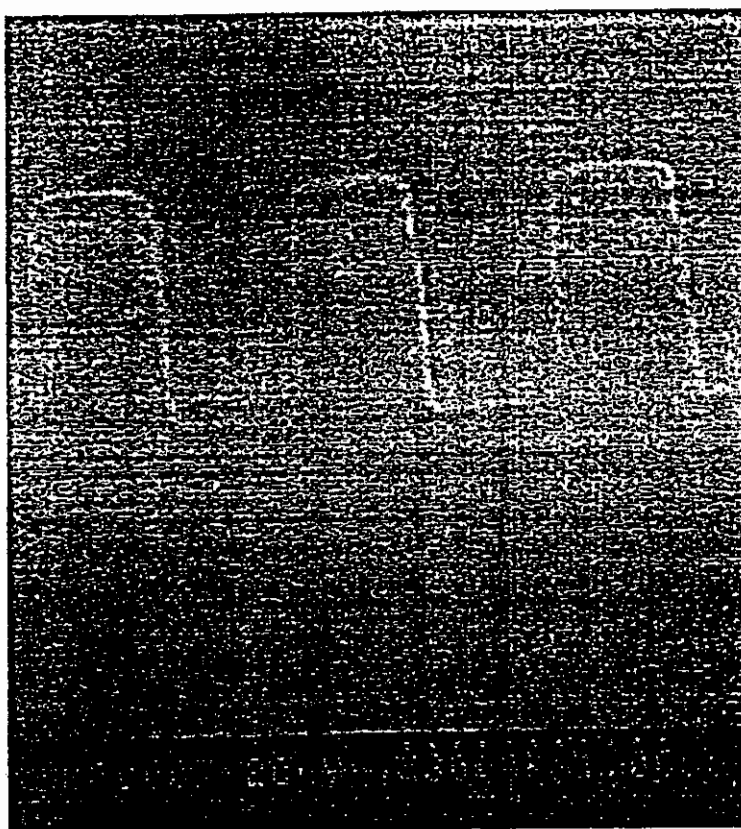


FIG. 10

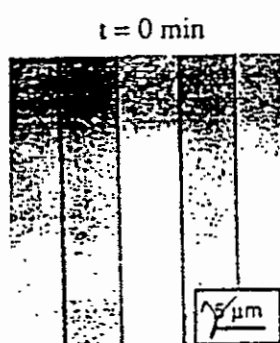


FIG. 11A

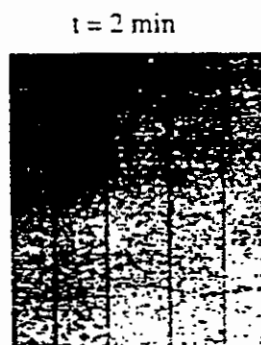


FIG. 11B

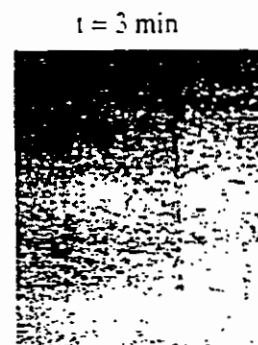


FIG. 11C

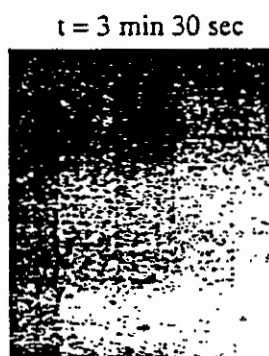


FIG. 11D

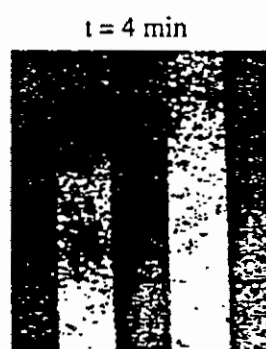


FIG. 11E

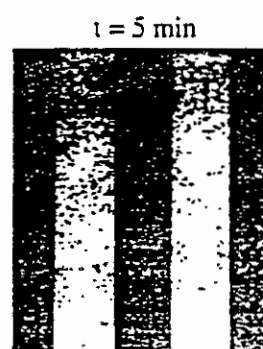


FIG. 11F

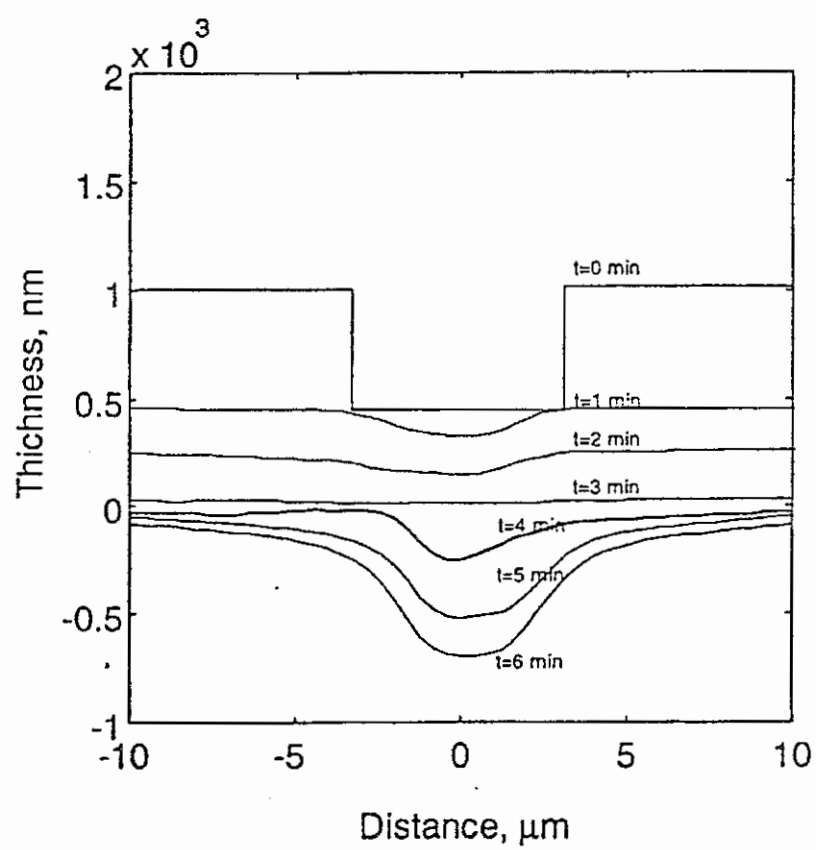


FIG. 12

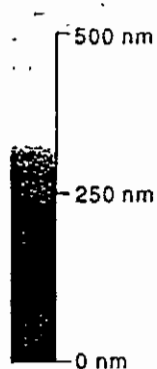

 $w = 0.5 \mu\text{m}, \lambda = 1 \mu\text{m}$

 $w = 0.5 \mu\text{m}, \lambda = 2 \mu\text{m}$

 $w = 0.5 \mu\text{m}, \lambda = 4 \mu\text{m}$

 $w = 0.5 \mu\text{m}, \lambda = 200 \mu\text{m}$

FIG. 13A



1 μm


 $w = 0.5 \mu\text{m}, \lambda = 1 \mu\text{m}$

 $w = 0.5 \mu\text{m}, \lambda = 2 \mu\text{m}$

 $w = 0.5 \mu\text{m}, \lambda = 4 \mu\text{m}$

 $w = 0.5 \mu\text{m}, \lambda = 200 \mu\text{m}$

FIG. 13B

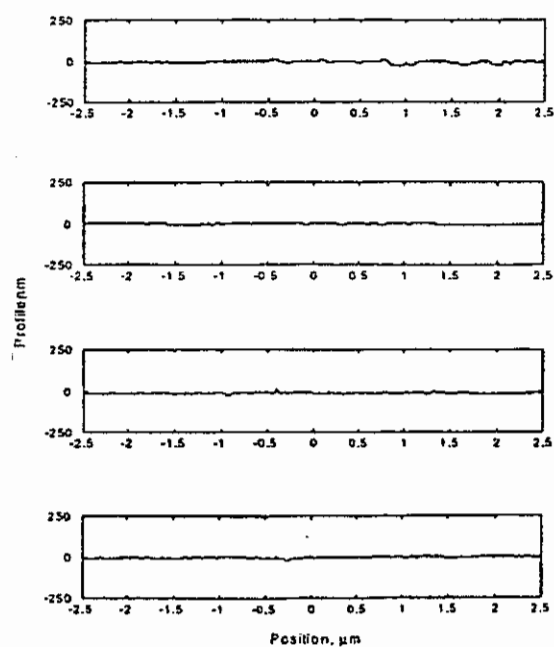


FIG. 13C

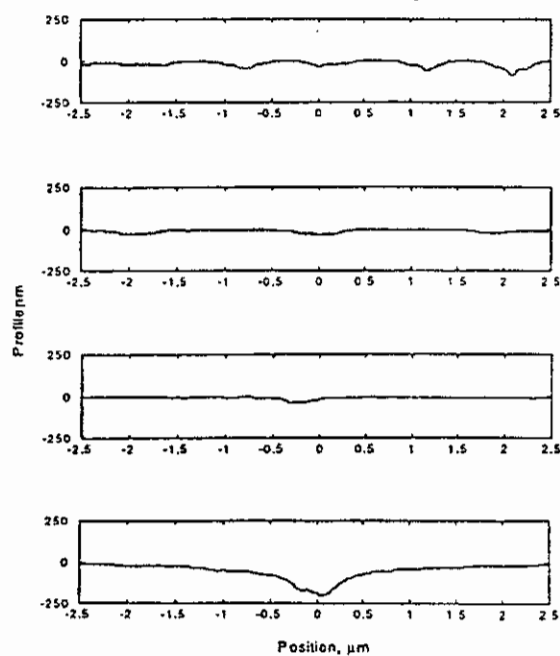


FIG. 13D

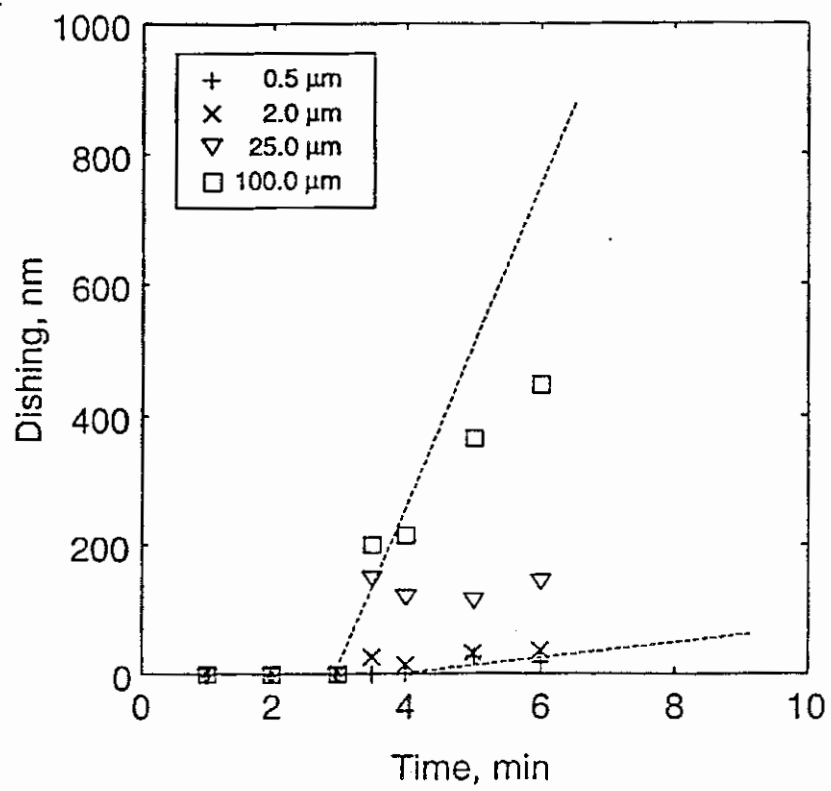


FIG. 14

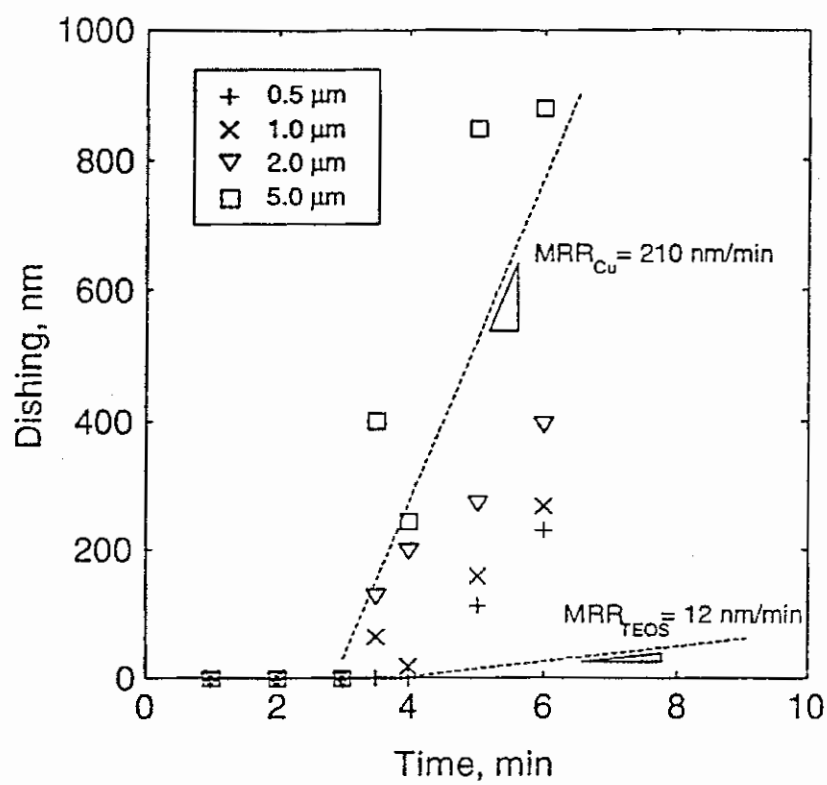


FIG. 15

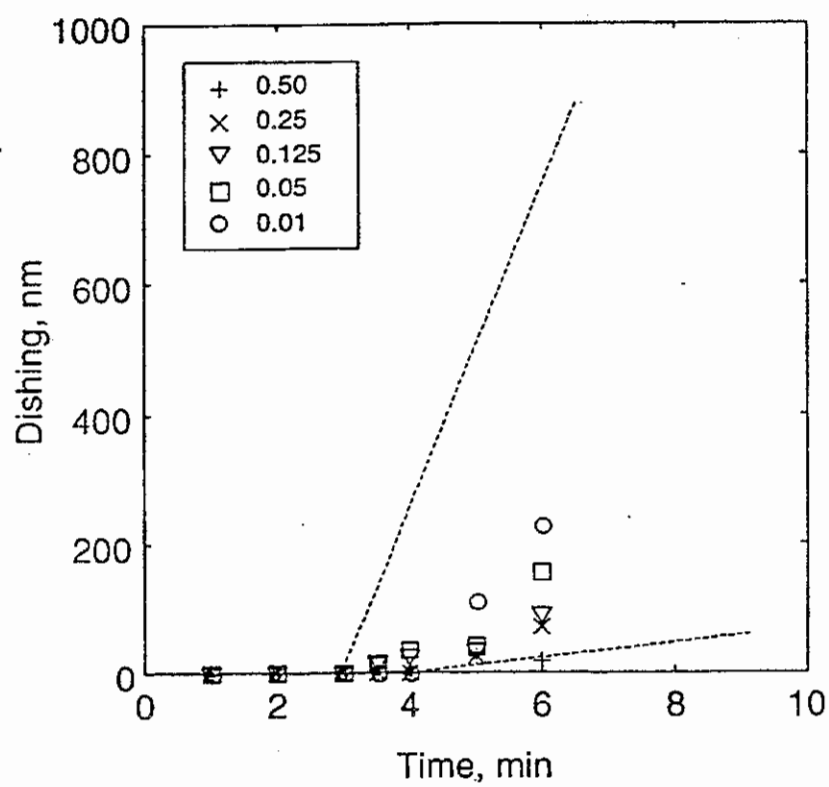


FIG. 16

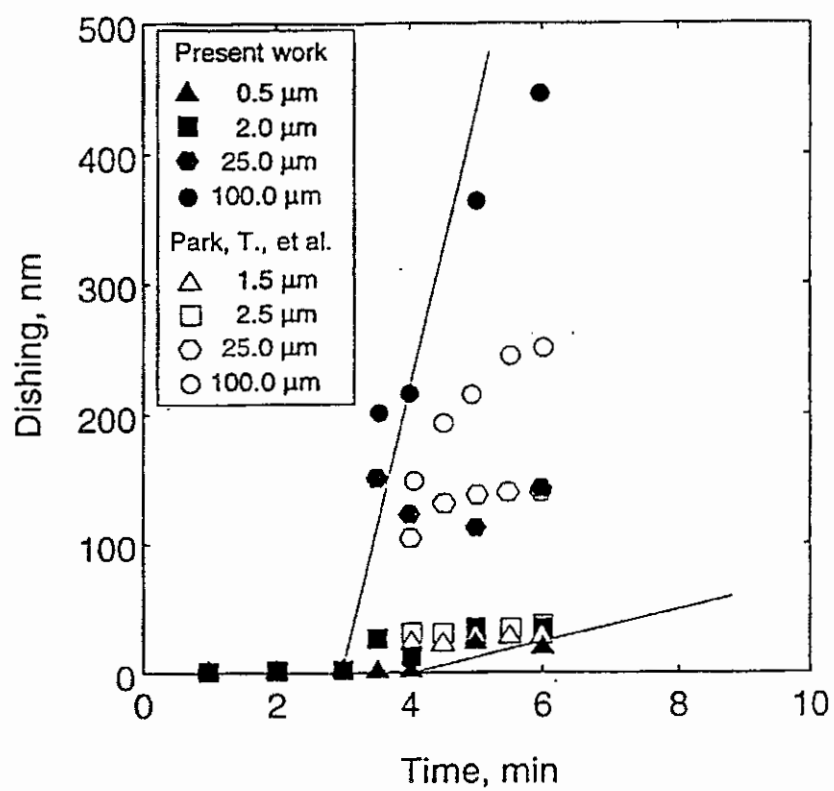


FIG. 17

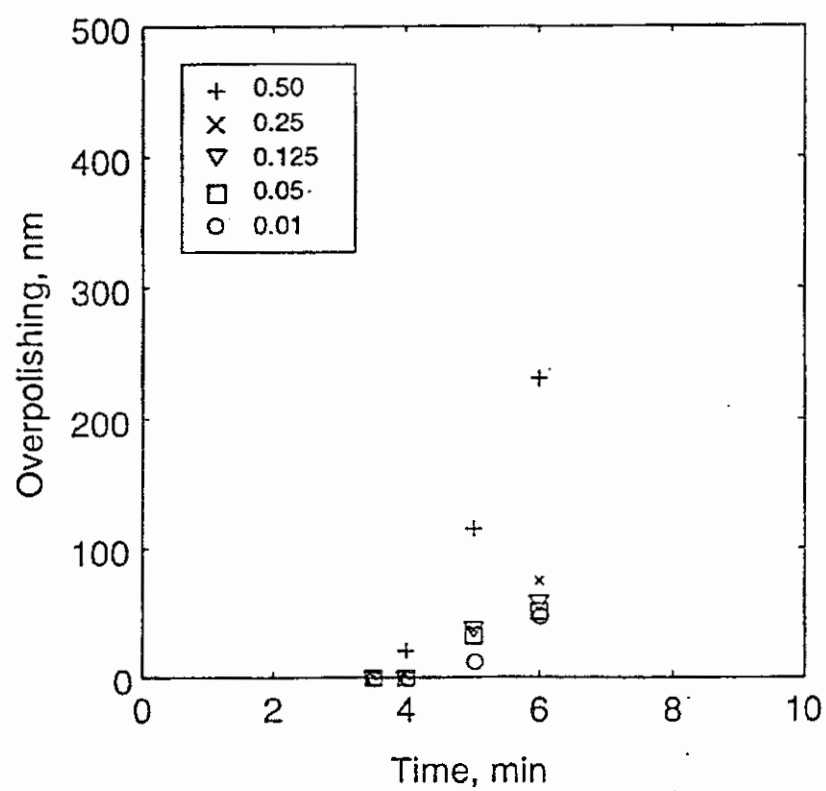


FIG. 18

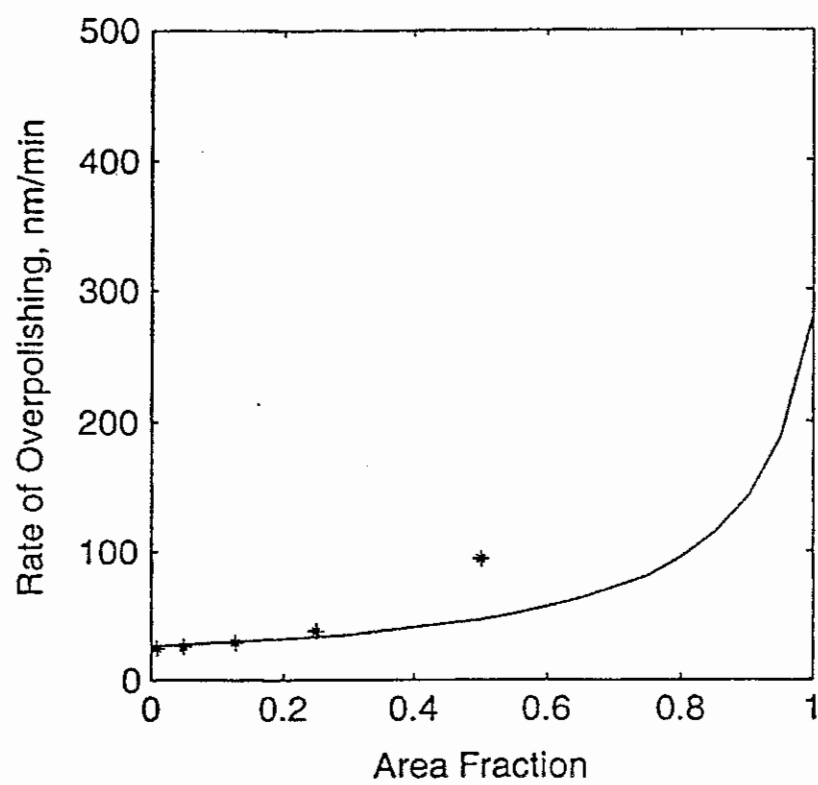


FIG. 19

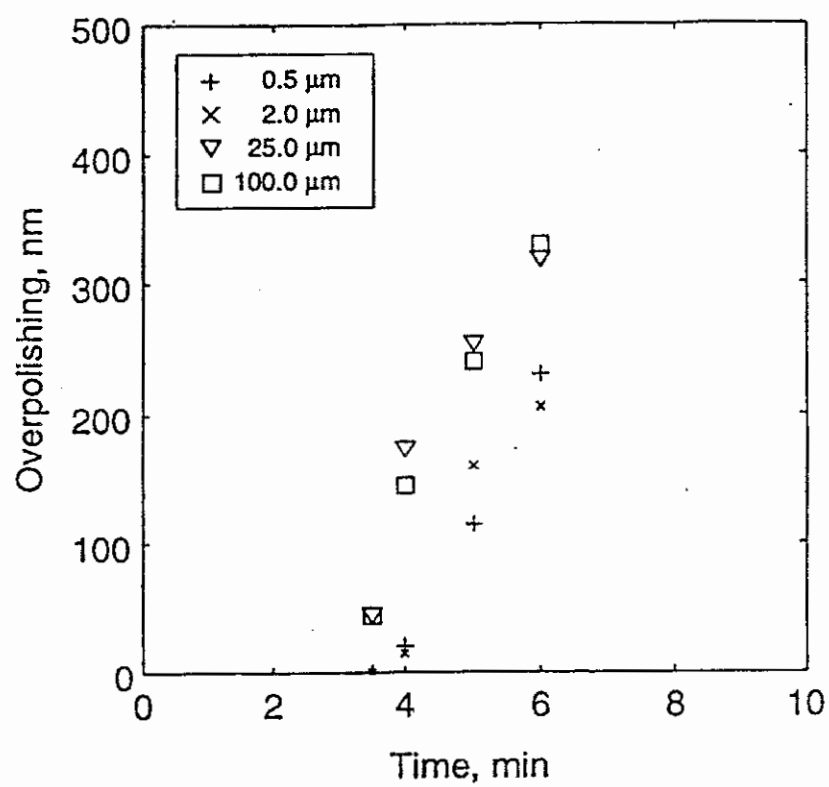


FIG. 20

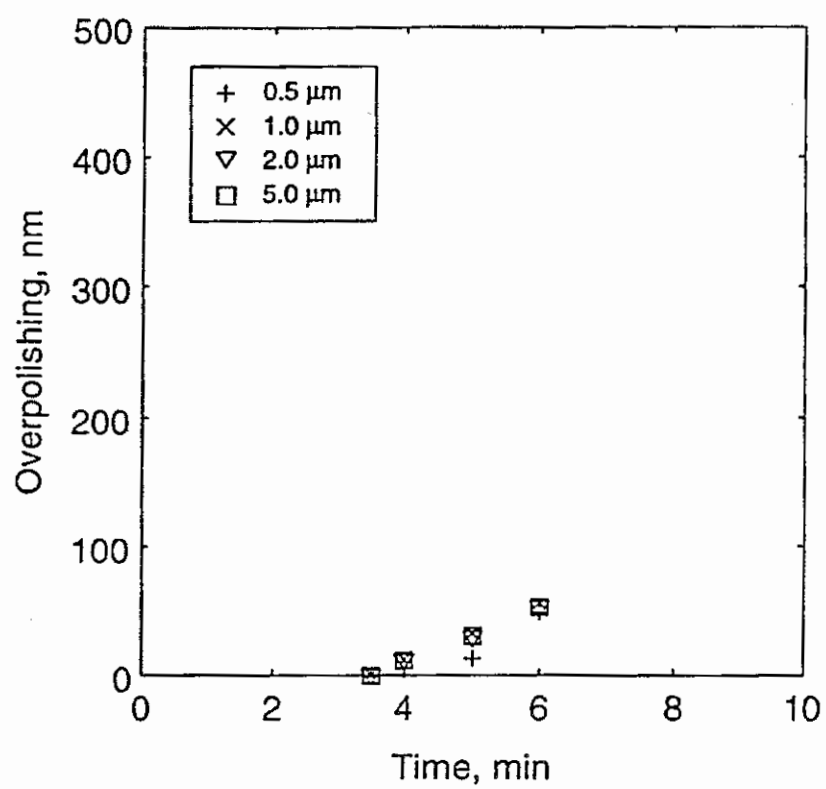


FIG. 21