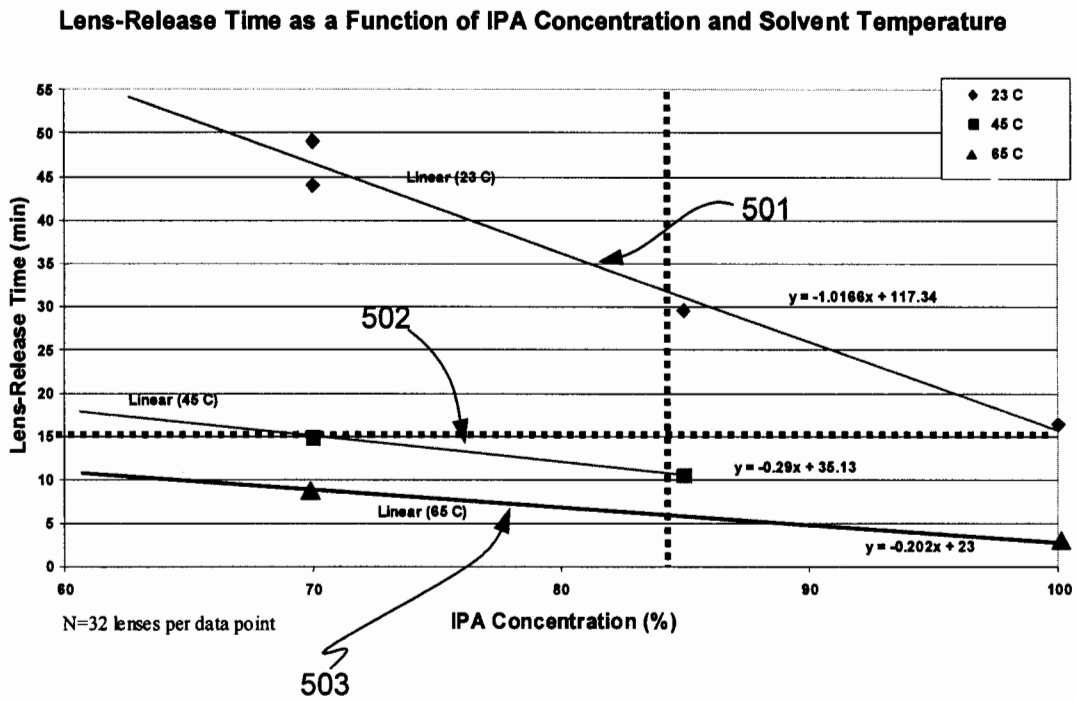
Lens-Release Time as a Function of IPA Concentration and Solvent Temperature
Lens-Release Time (min)
IPA Concentration (%)
23 C
45 C
65 C
Linear (23 C)
Linear (45 C)
Linear (65 C)
y = -1.0166x + 117.34
y = -0.29x + 35.13
y = -0.202x + 23
501
502
503
N=32 lenses per data point

FIG. 5

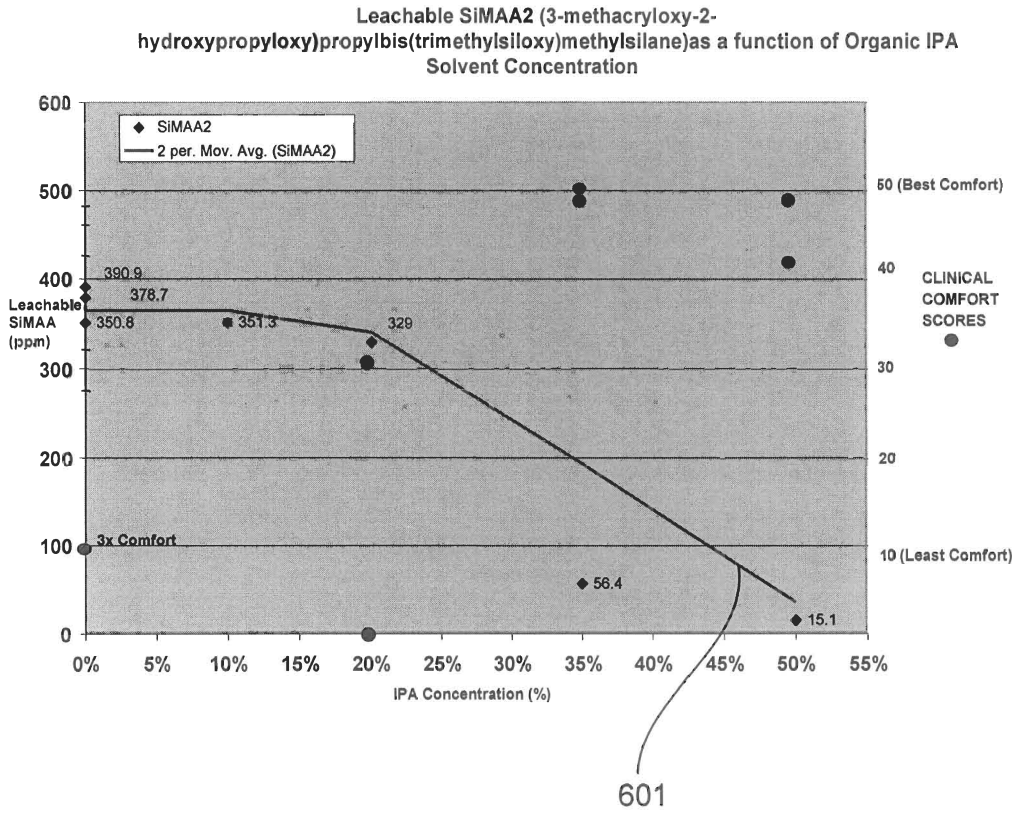
Leachable SiMAA2 (3-methacryloxy-2-hydroxypropyloxy)propylbis(trimethylsiloxy)methylsilane)as a function of Organic IPA Solvent Concentration
SiMAA2
2 per. Mov. Avg. (SiMAA2)
Leachable SiMAA (ppm)
600
500
400
300
200
100
0
390.9
378.7
350.8
351.3
329
3x Comfort
56.4
15.1
0%
5%
10%
15%
20%
25%
30%
35%
40%
45%
50%
55%
IPA Concentration (%)
50 (Best Comfort)
40
30
20
10 (Least Comfort)
CLINICAL COMFORT SCORES
601

FIG. 6