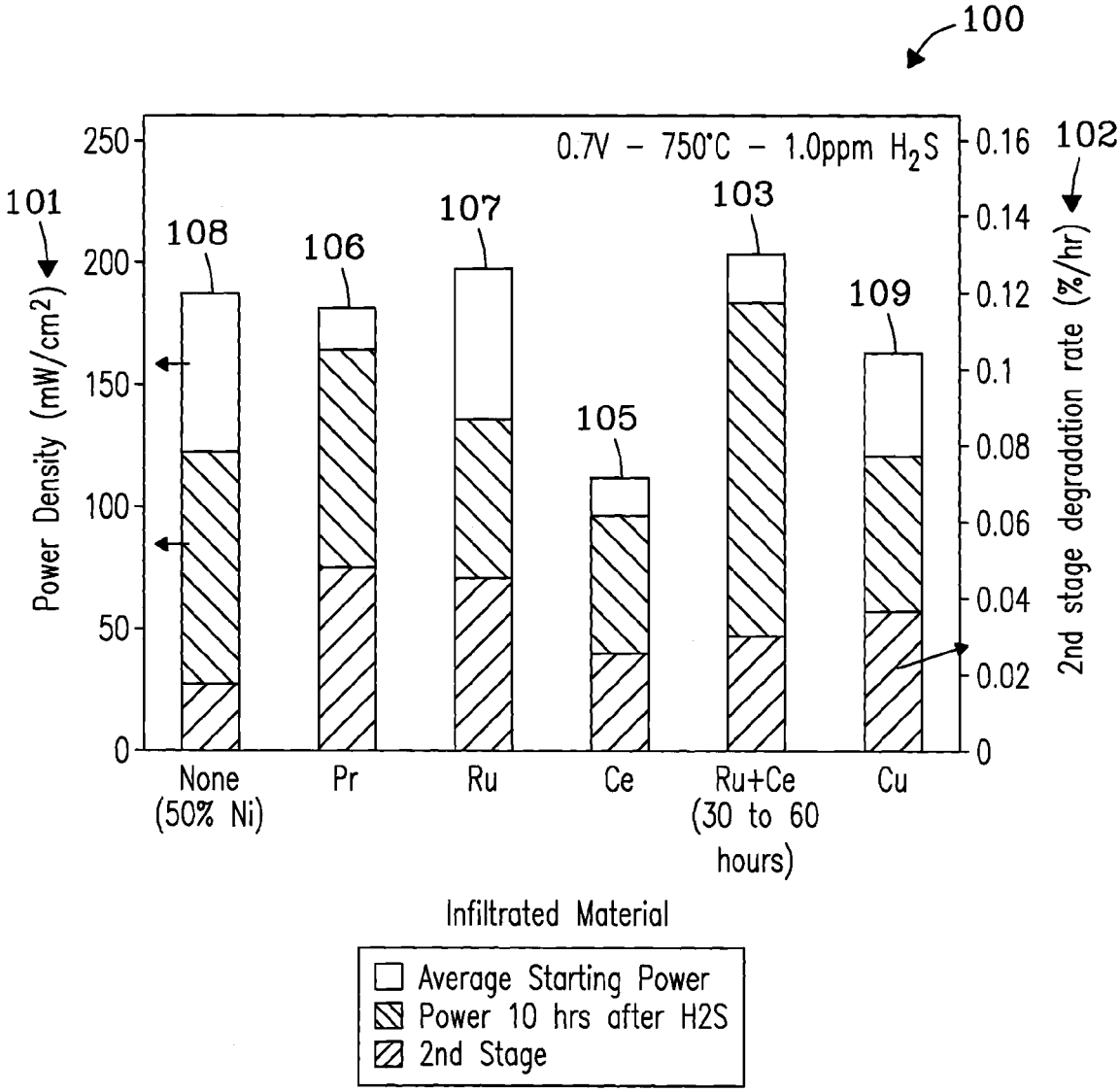
100
101
102
0.7V – 750°C – 1.0ppm H_2S
Power Density (mW/cm²)
2nd stage degradation rate (%/hr)
250
200
150
100
50
0
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
108
106
107
105
103
109
None (50% Ni)
Pr
Ru
Ce
Ru+Ce (30 to 60 hours)
Cu
Infiltrated Material
Average Starting Power
Power 10 hrs after H2S
2nd Stage

Fig. 1