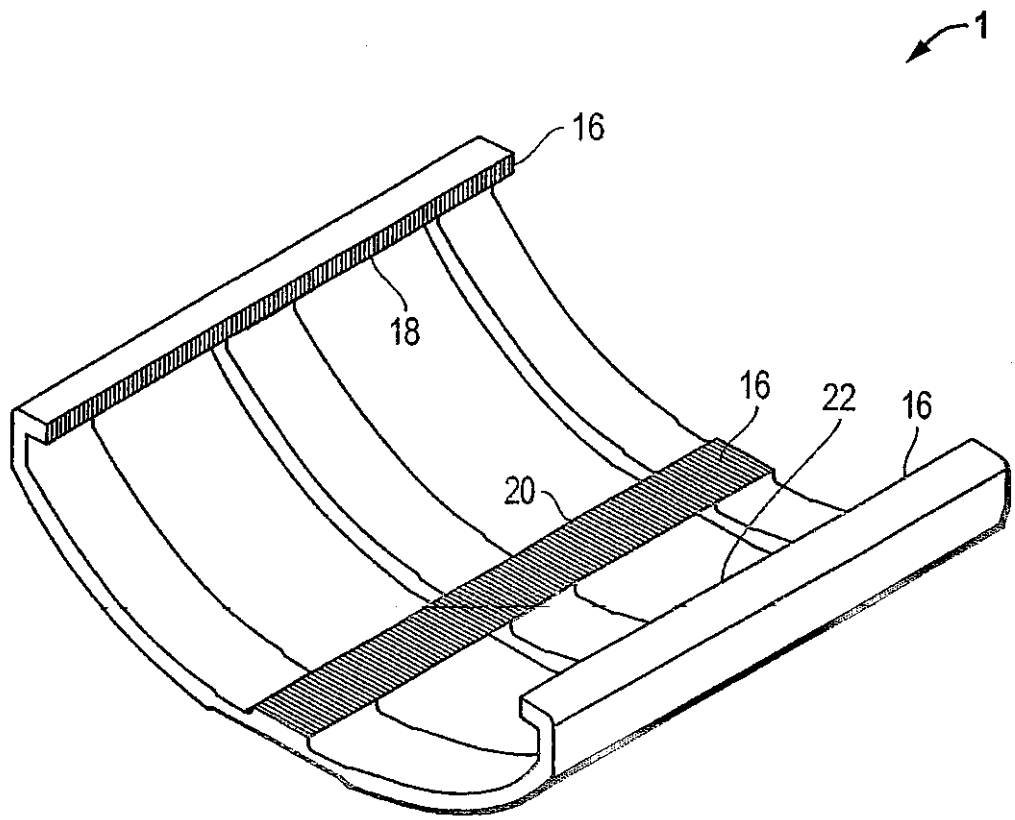


FIG. 1

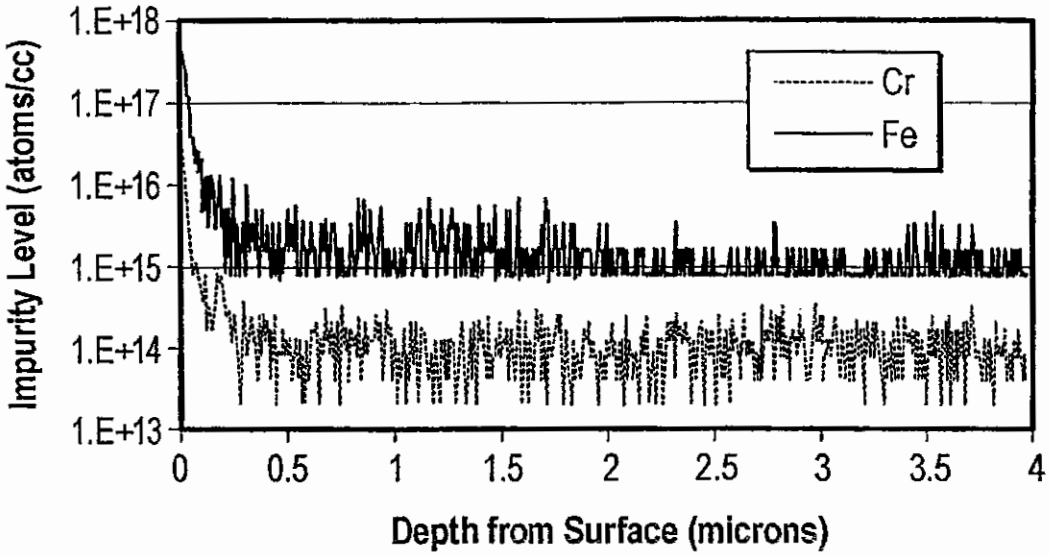

1.E+18
1.E+17
1.E+16
1.E+15
1.E+14
1.E+13
Impurity Level (atoms/cc)
Cr
Fe
0
0.5
1
1.5
2
2.5
3
3.5
4
Depth from Surface (microns)

FIG. 2

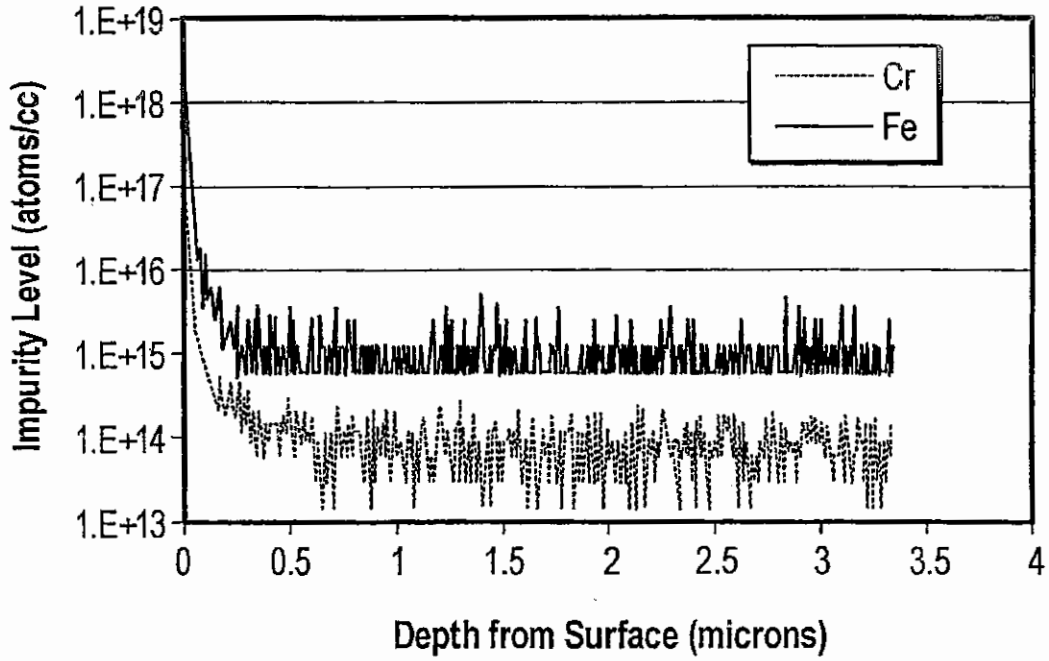

1.E+19
1.E+18
1.E+17
1.E+16
1.E+15
1.E+14
1.E+13
Impurity Level (atoms/cc)
Cr
Fe
0
0.5
1
1.5
2
2.5
3
3.5
4
Depth from Surface (microns)

FIG. 3

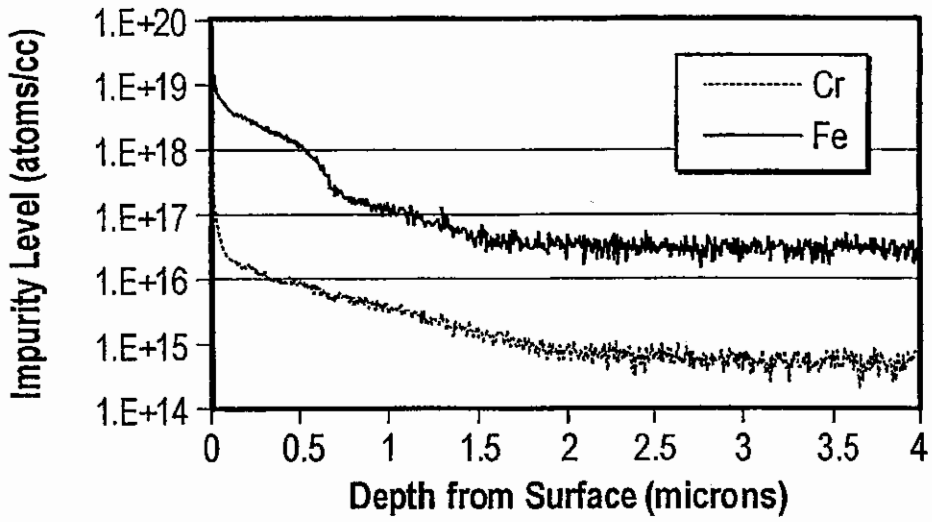

Impurity Level (atoms/cc)
1.E+20
1.E+19
1.E+18
1.E+17
1.E+16
1.E+15
1.E+14
0
0.5
1
1.5
2
2.5
3
3.5
4
Depth from Surface (microns)
Cr
Fe

FIG. 4

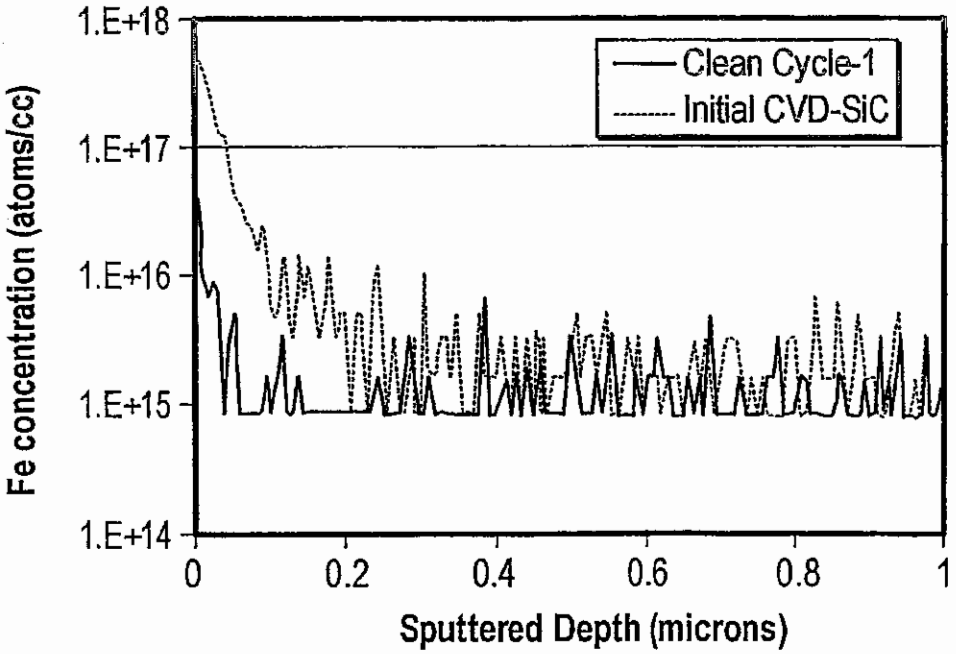

Fe concentration (atoms/cc)
1.E+18
1.E+17
1.E+16
1.E+15
1.E+14
0
0.2
0.4
0.6
0.8
1
Sputtered Depth (microns)
Clean Cycle-1
Initial CVD-SiC

FIG. 5

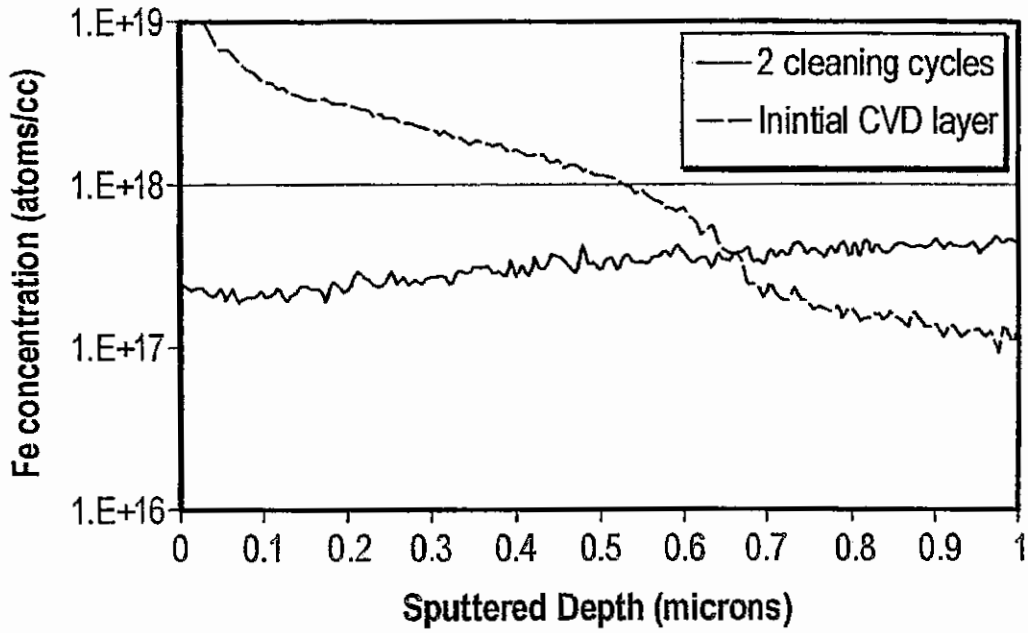

1.E+19
1.E+18
1.E+17
1.E+16
Fe concentration (atoms/cc)
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Sputtered Depth (microns)
2 cleaning cycles
Inintial CVD layer

FIG. 6