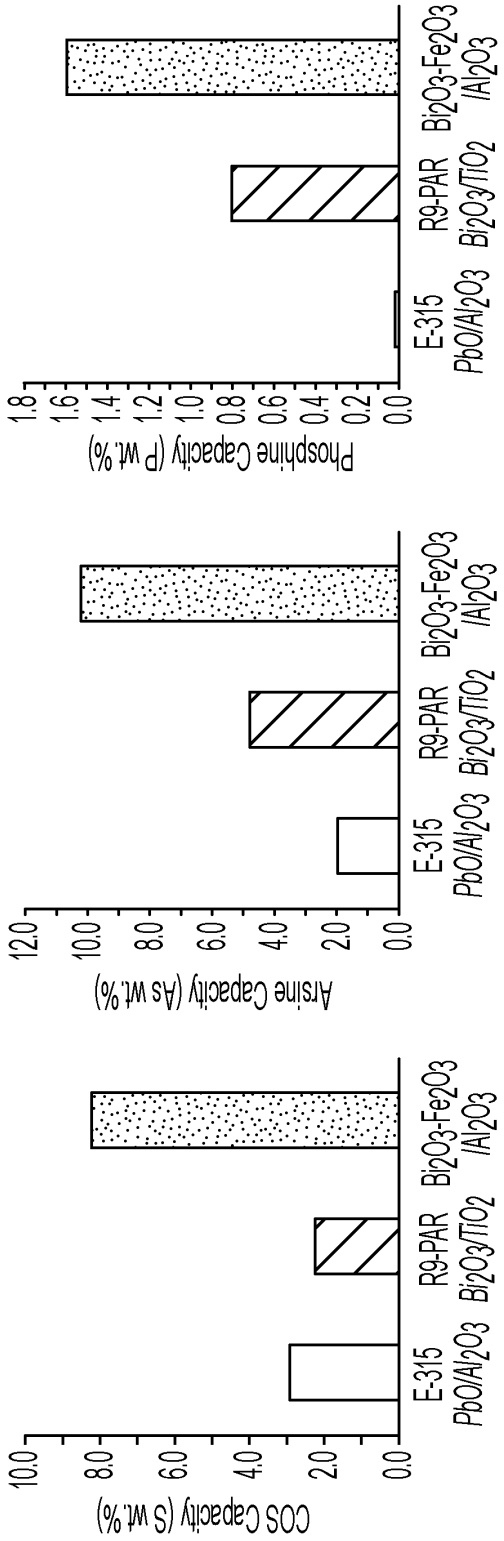

COS Capacity (S wt.%)
10.0
8.0
6.0
4.0
2.0
0.0
E-315
PbO/Al2O3
R9-PAR
Bi2O3/TiO2
Bi2O3-Fe2O3
/Al2O3
Arsine Capacity (As wt.%)
12.0
10.0
8.0
6.0
4.0
2.0
0.0
E-315
PbO/Al2O3
R9-PAR
Bi2O3/TiO2
Bi2O3-Fe2O3
/Al2O3
Phosphine Capacity (P wt.%)
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
E-315
PbO/Al2O3
R9-PAR
Bi2O3/TiO2
Bi2O3-Fe2O3
/Al2O3

FIG. 1

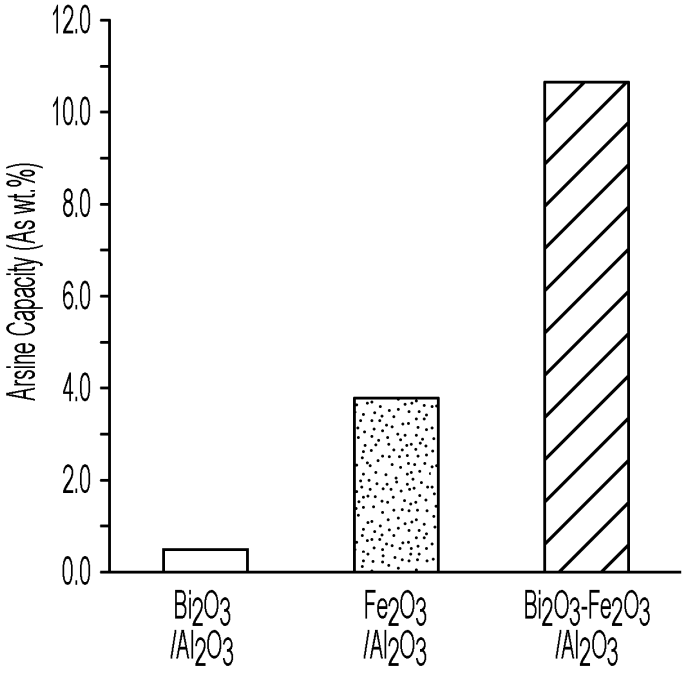

12.0
10.0
8.0
6.0
4.0
2.0
0.0
Arsine Capacity (As wt.%)
Bi2O3 /Al2O3
Fe2O3 /Al2O3
Bi2O3-Fe2O3 /Al2O3

FIG. 2

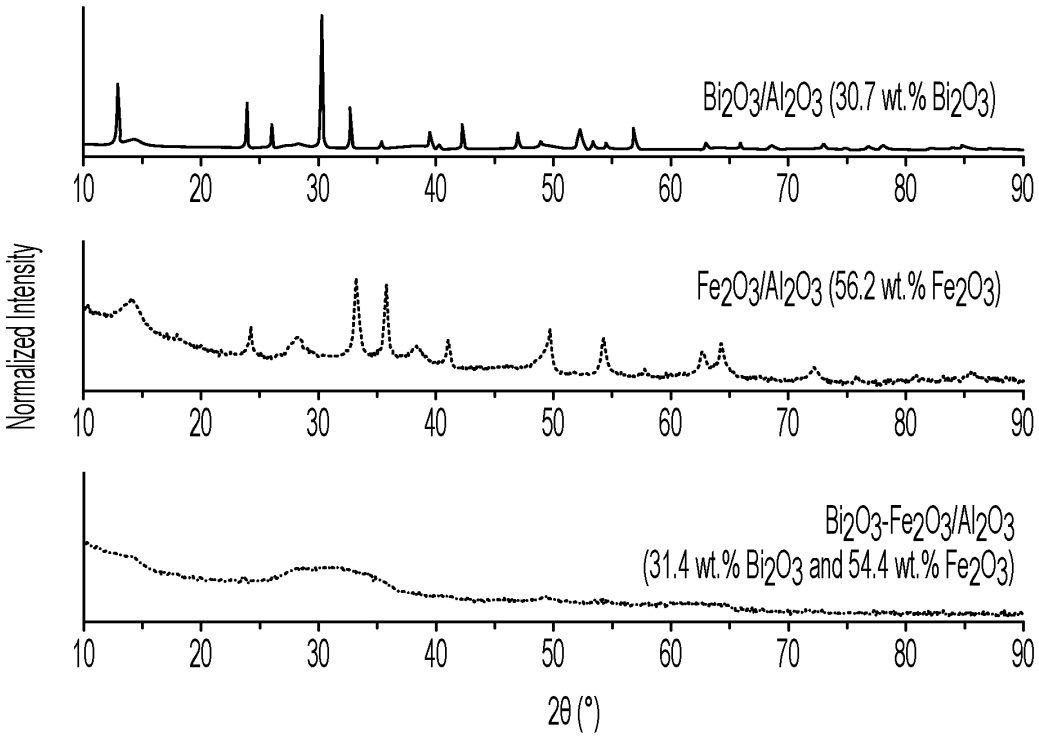

Bi2O3/Al2O3 (30.7 wt.% Bi2O3)
Fe2O3/Al2O3 (56.2 wt.% Fe2O3)
Bi2O3-Fe2O3/Al2O3
(31.4 wt.% Bi2O3 and 54.4 wt.% Fe2O3)
Normalized Intensity
10
20
30
40
50
60
70
80
90
2θ (°)

FIG. 3