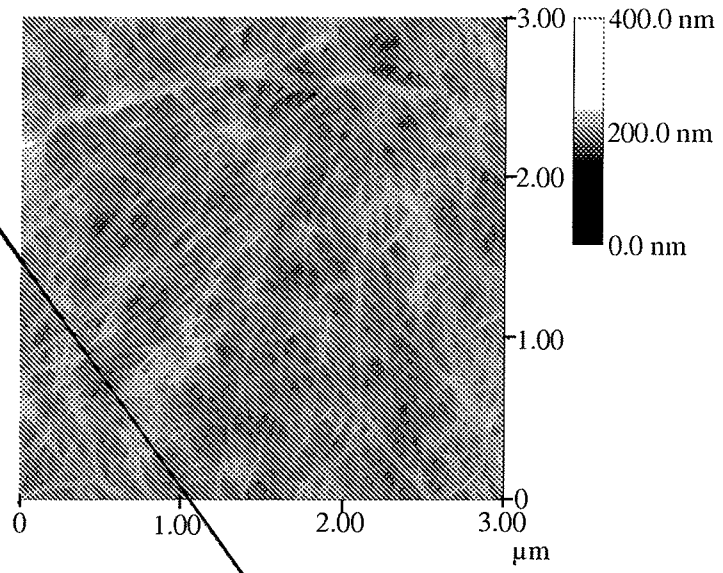


FIG. 1

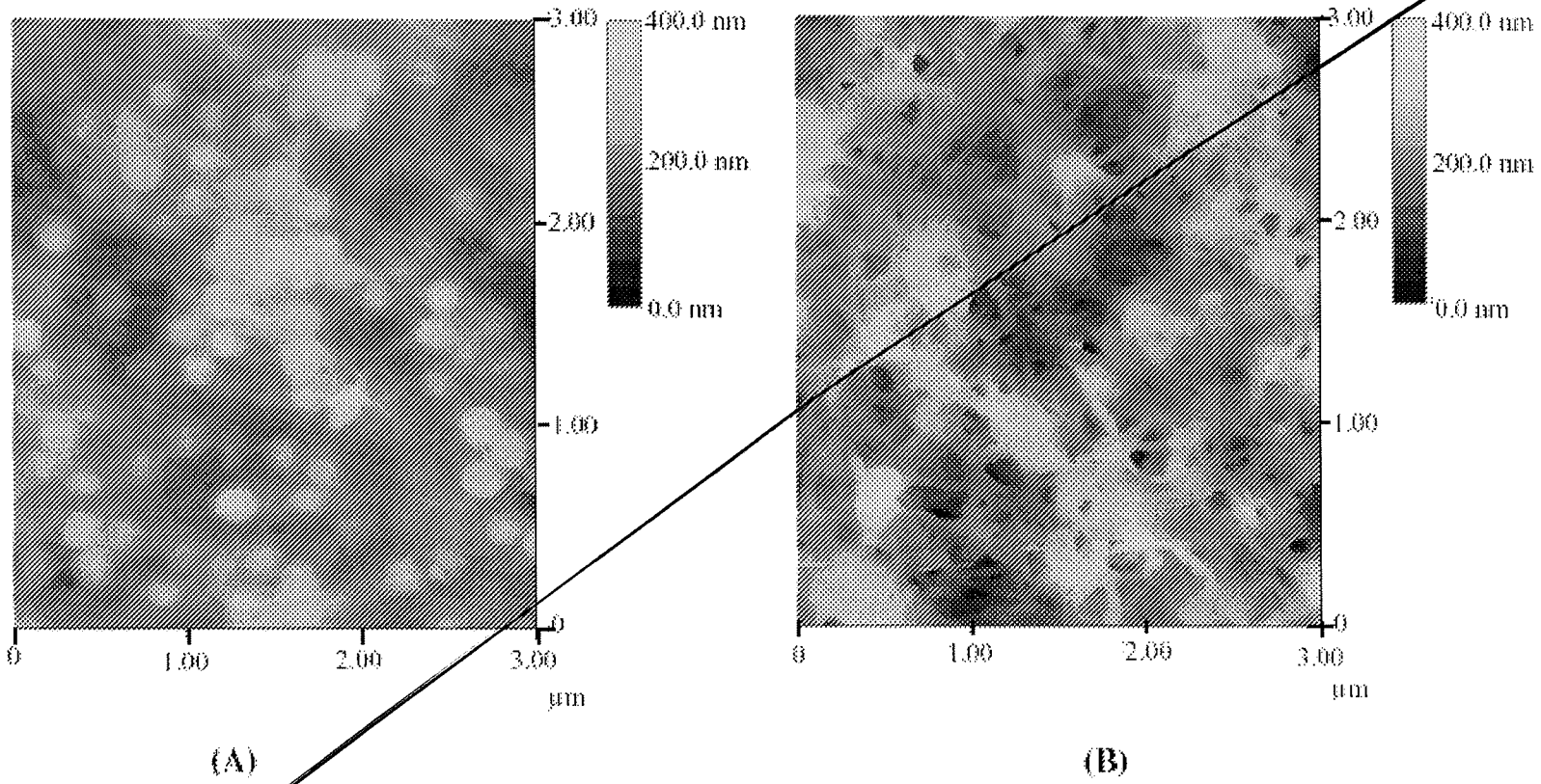

3.00
2.00
1.00
0
400.0 nm
200.0 nm
0.0 nm
0
1.00
2.00
3.00
μm
(A)
3.00
2.00
1.00
0
400.0 nm
200.0 nm
0.0 nm
0
1.00
2.00
3.00
μm
(B)

FIG. 2

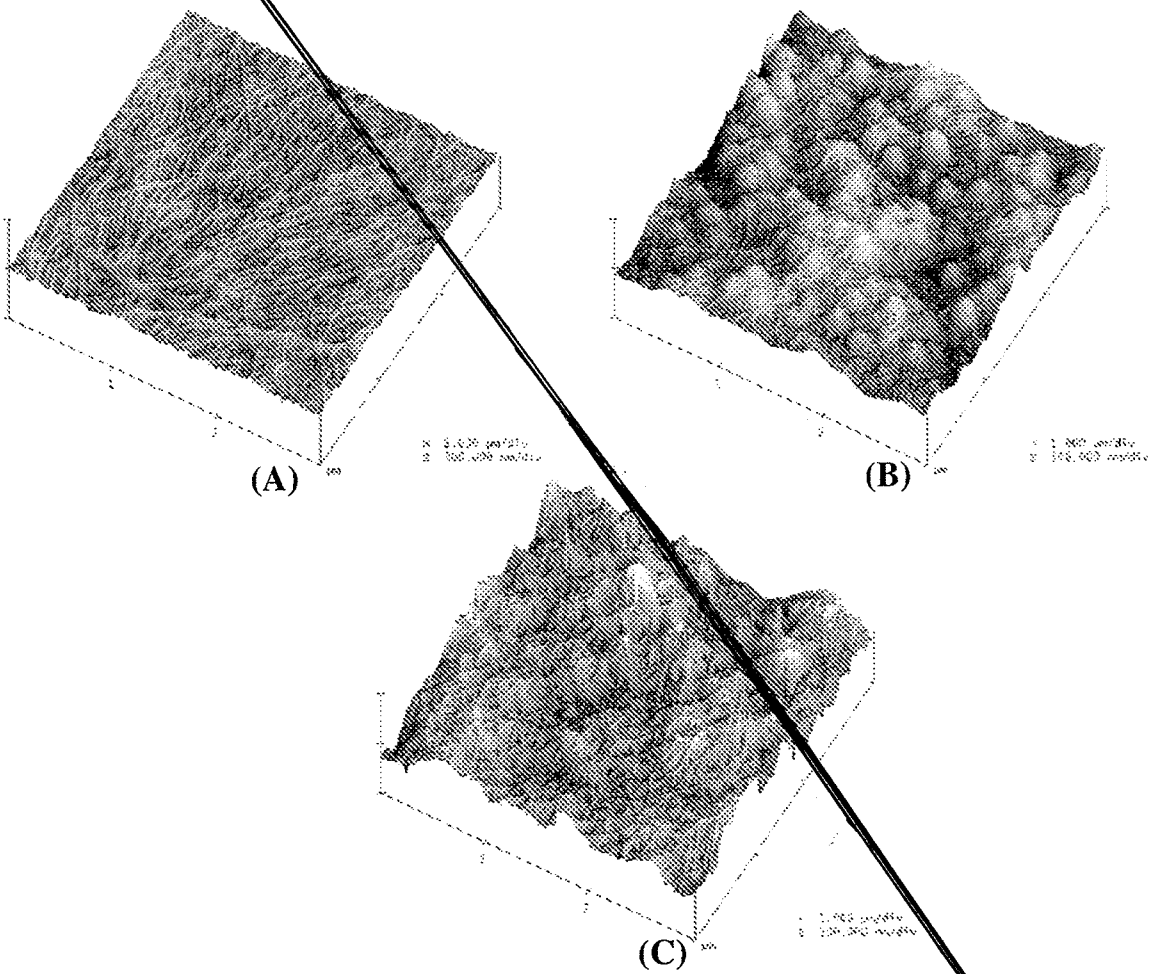
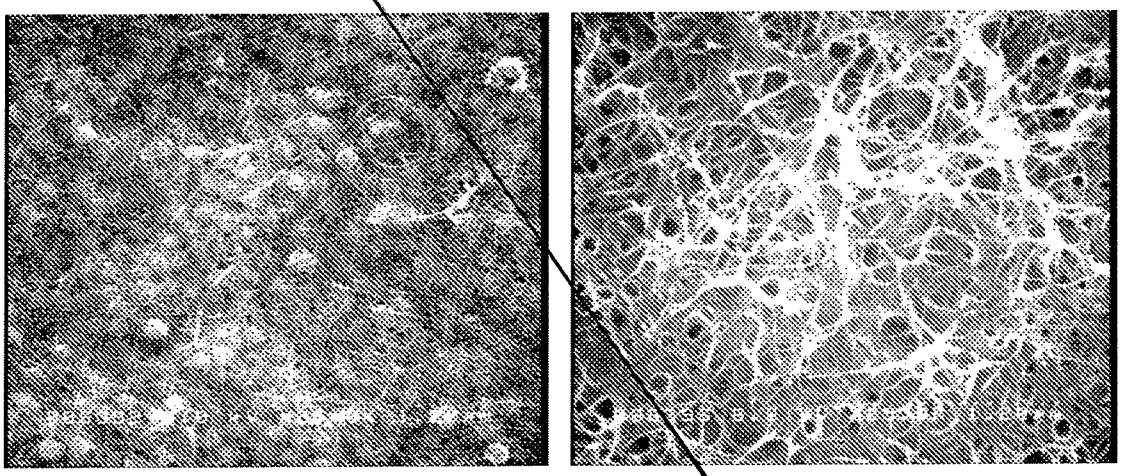


FIG. 3



(A) (B)

FIG. 4

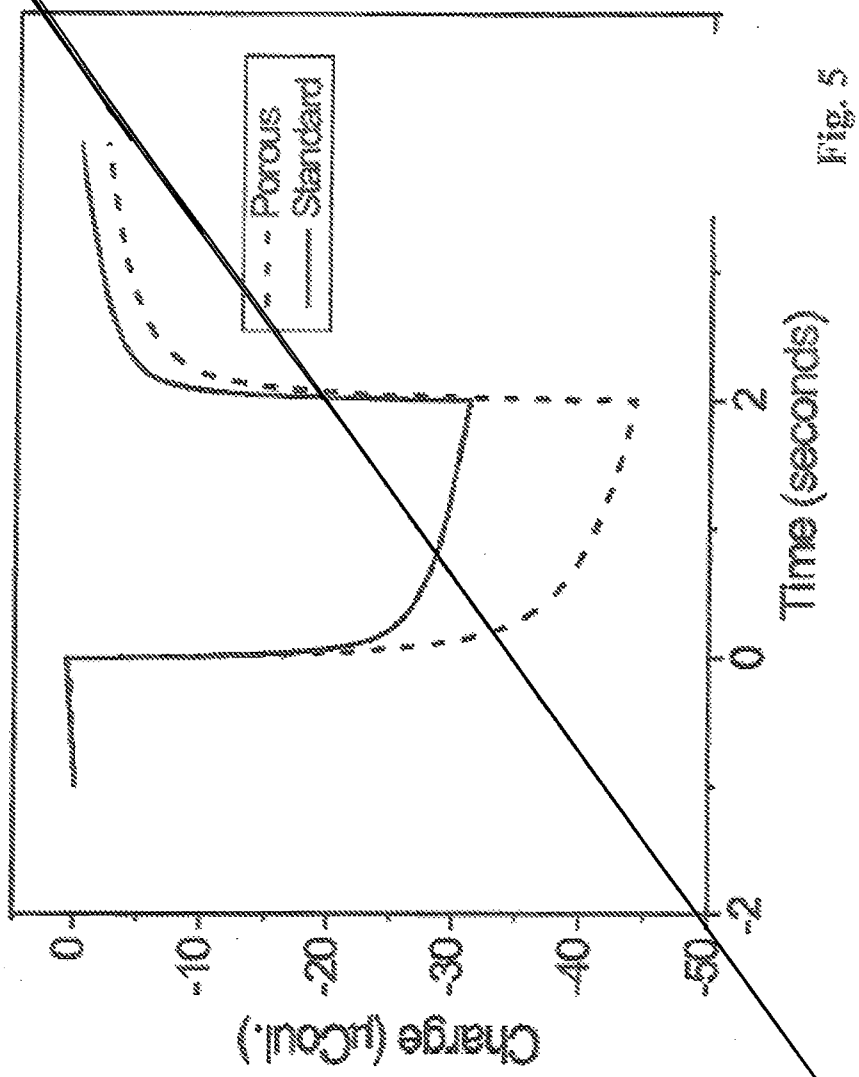

Porous
Standard
Charge (uCoul.)
0
10
20
30
40
50
-2
0
2
Time (seconds)

Fig. 5

FIG. 5

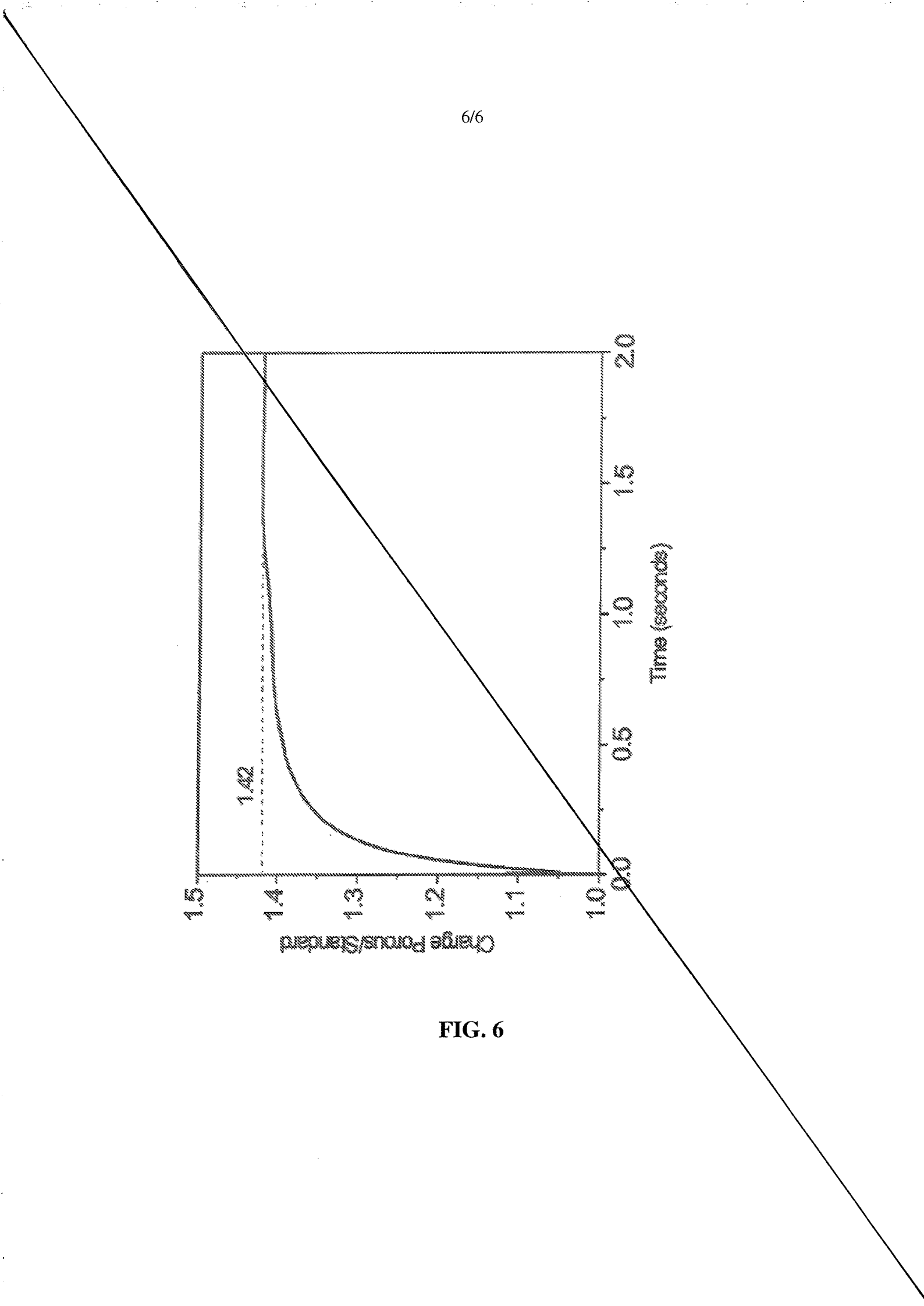

1.42
1.5
1.4
1.3
1.2
1.1
1.0
Charge Porous/Standard
0.0
0.5
1.0
1.5
2.0
Time (seconds)

FIG. 6

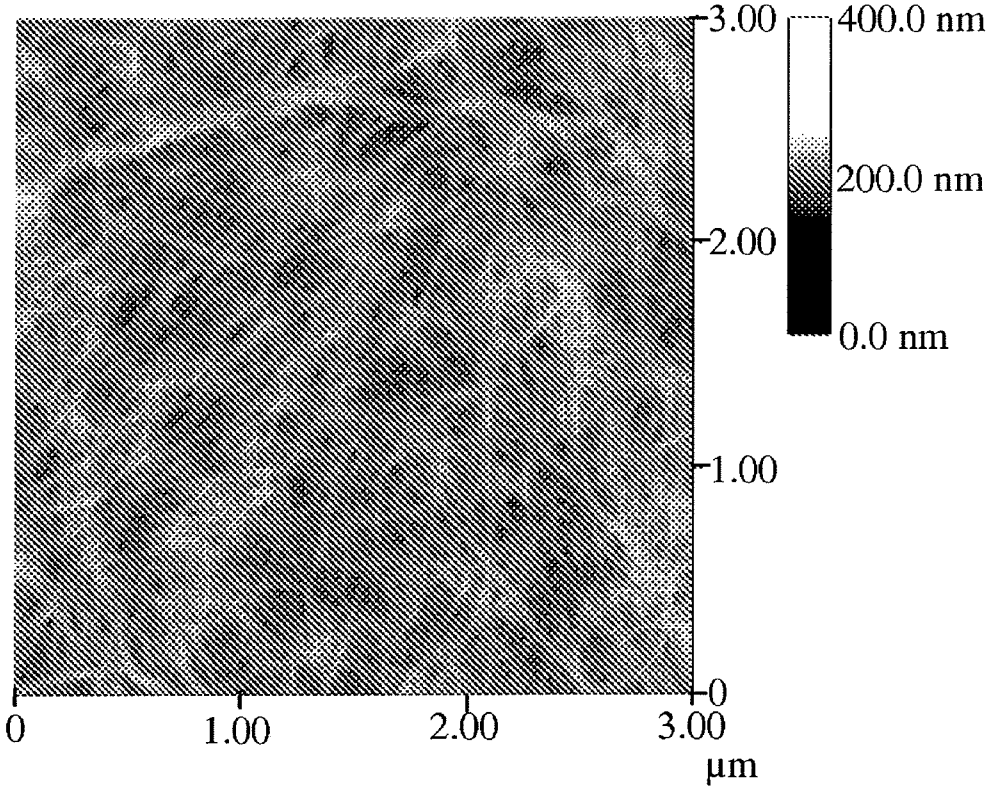


FIG. 1

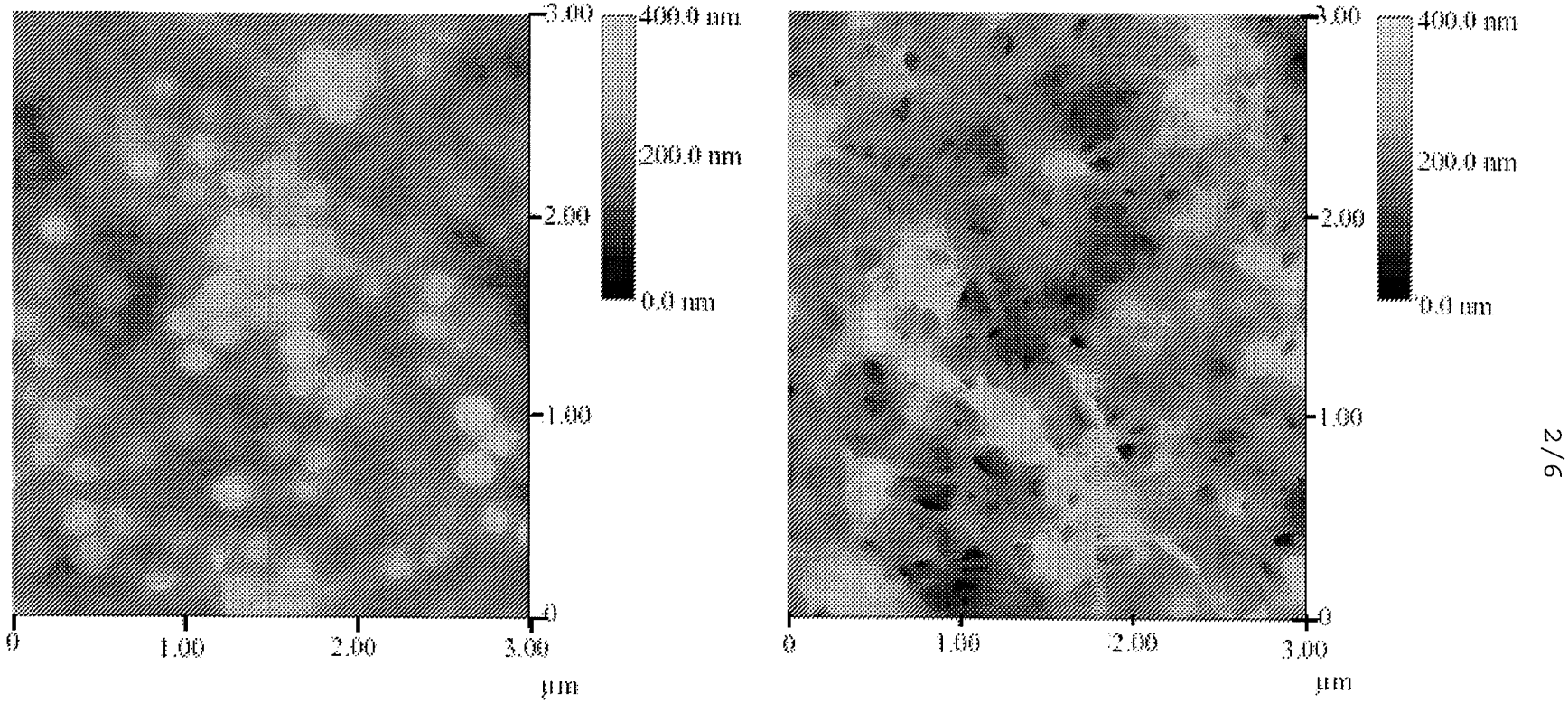
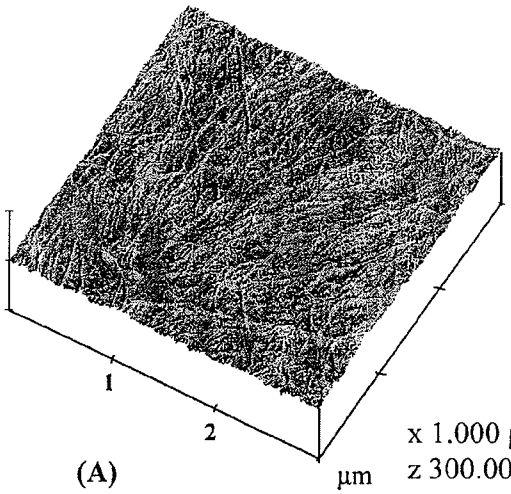
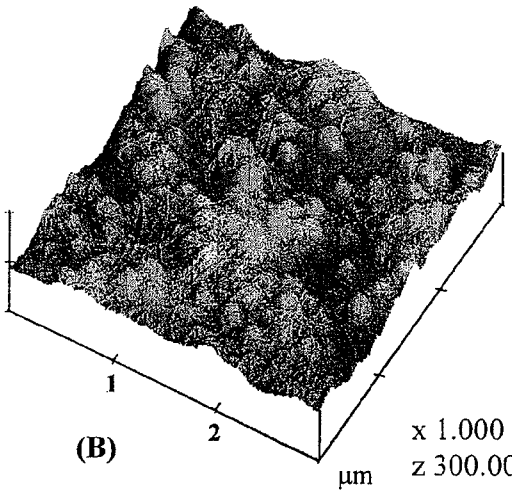


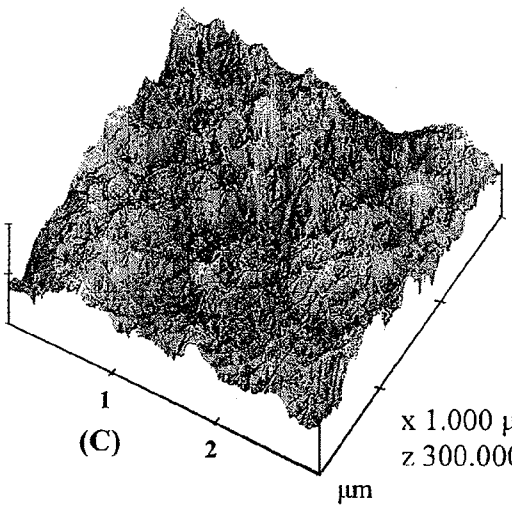
FIG. 2



(A) x 1.000 µm/div
z 300.000 nm/div

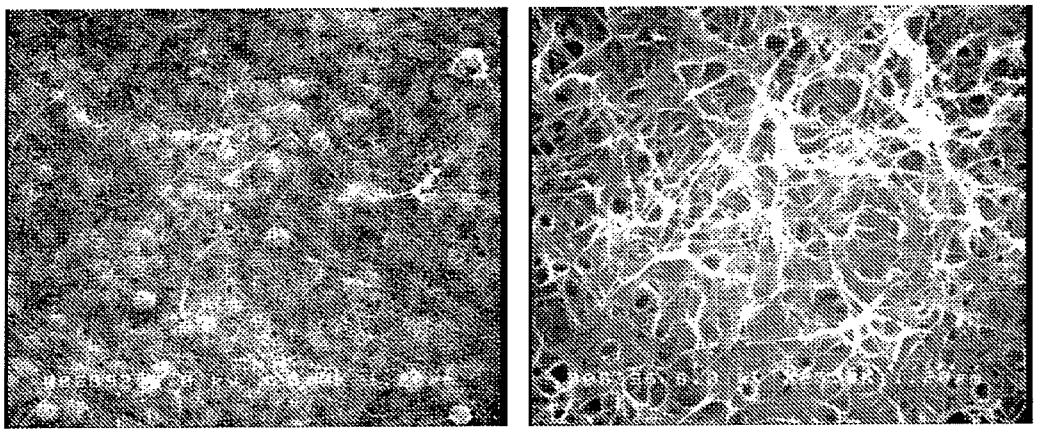


(B) x 1.000 µm/div
z 300.000 nm/div



(C) x 1.000 µm/div
z 300.000 nm/div

FIG. 3



(A) (B)

FIG. 4

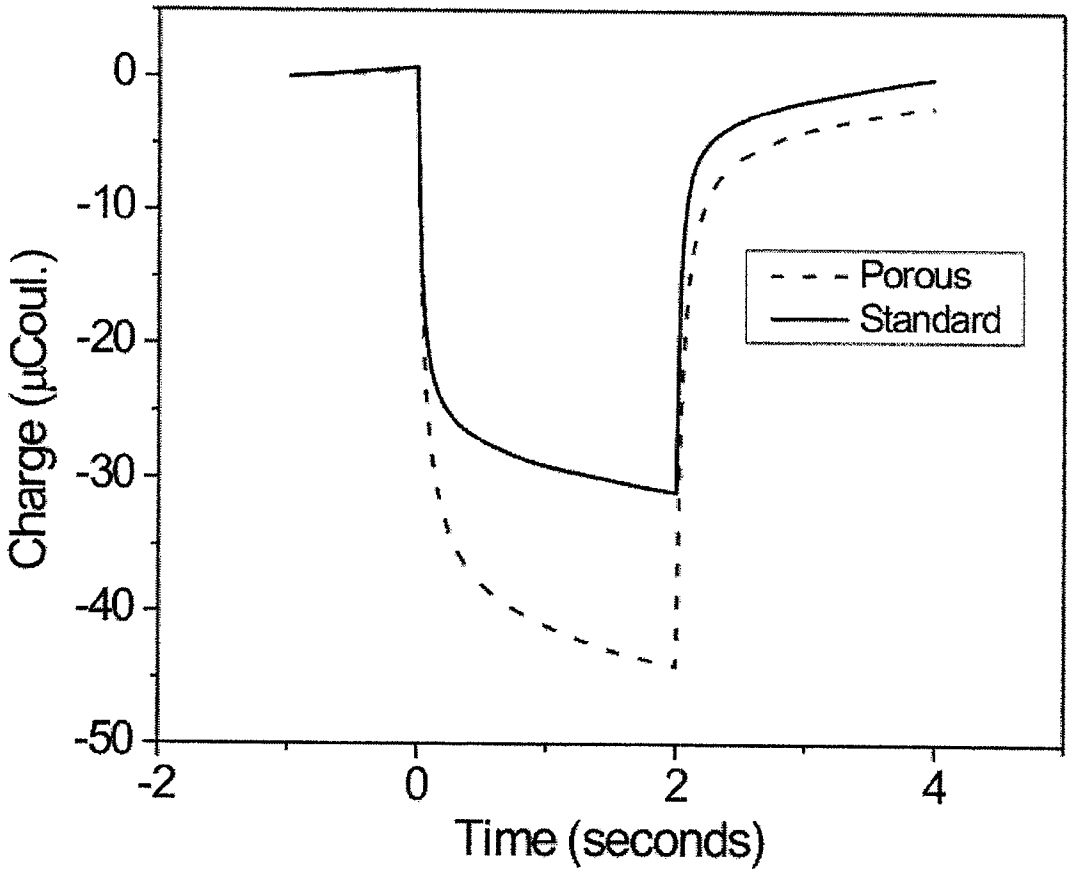

0
-10
-20
-30
-40
-50
Charge (μCoul.)
-2
0
2
4
Time (seconds)
Porous
Standard

FIG. 5

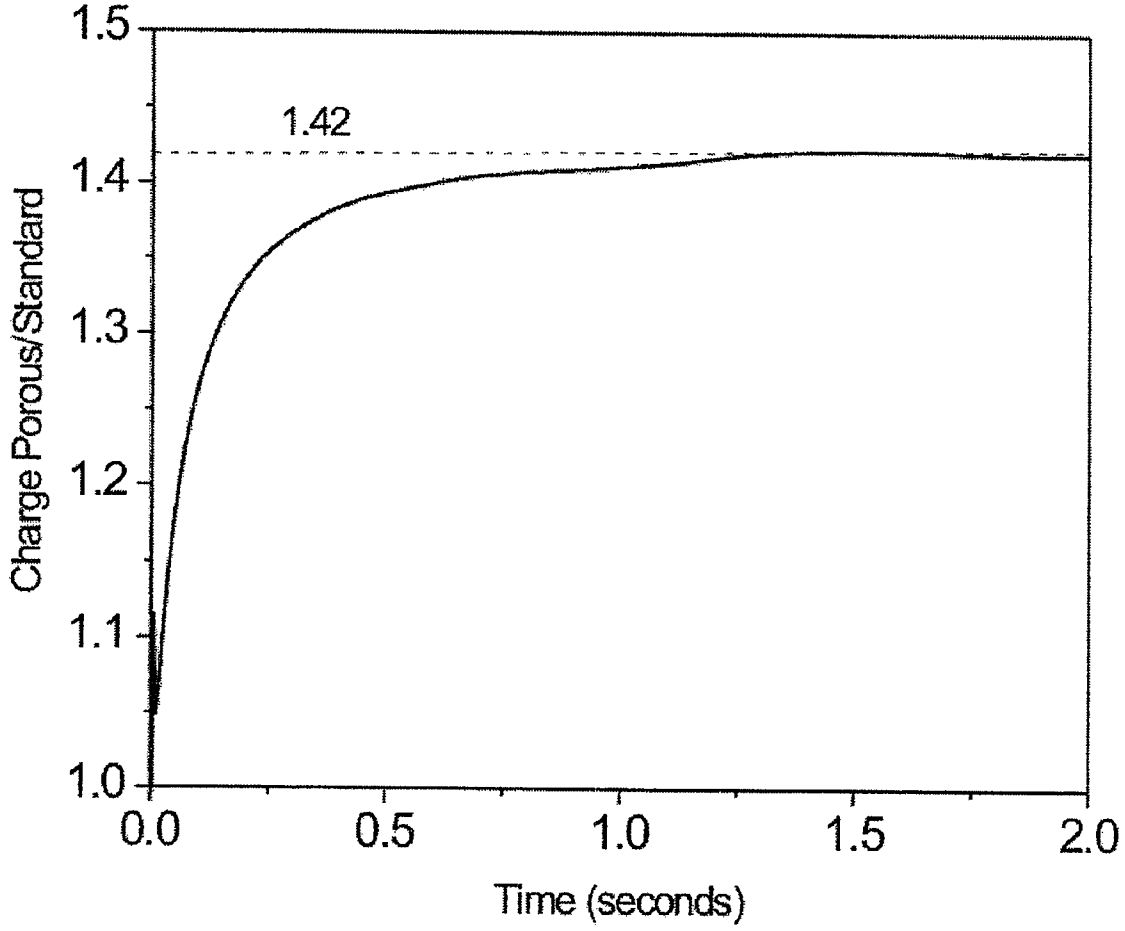

1.5
1.42
1.4
1.3
1.2
1.1
1.0
Charge Porous/Standard
0.0
0.5
1.0
1.5
2.0
Time (seconds)

FIG. 6