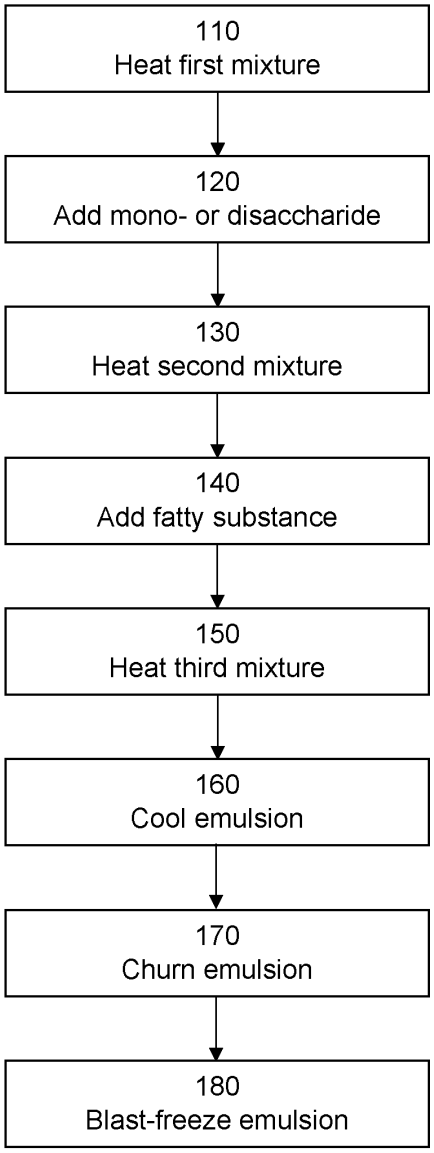

110
Heat first mixture
120
Add mono- or disaccharide
130
Heat second mixture
140
Add fatty substance
150
Heat third mixture
160
Cool emulsion
170
Churn emulsion
180
Blast-freeze emulsion

FIG. 1

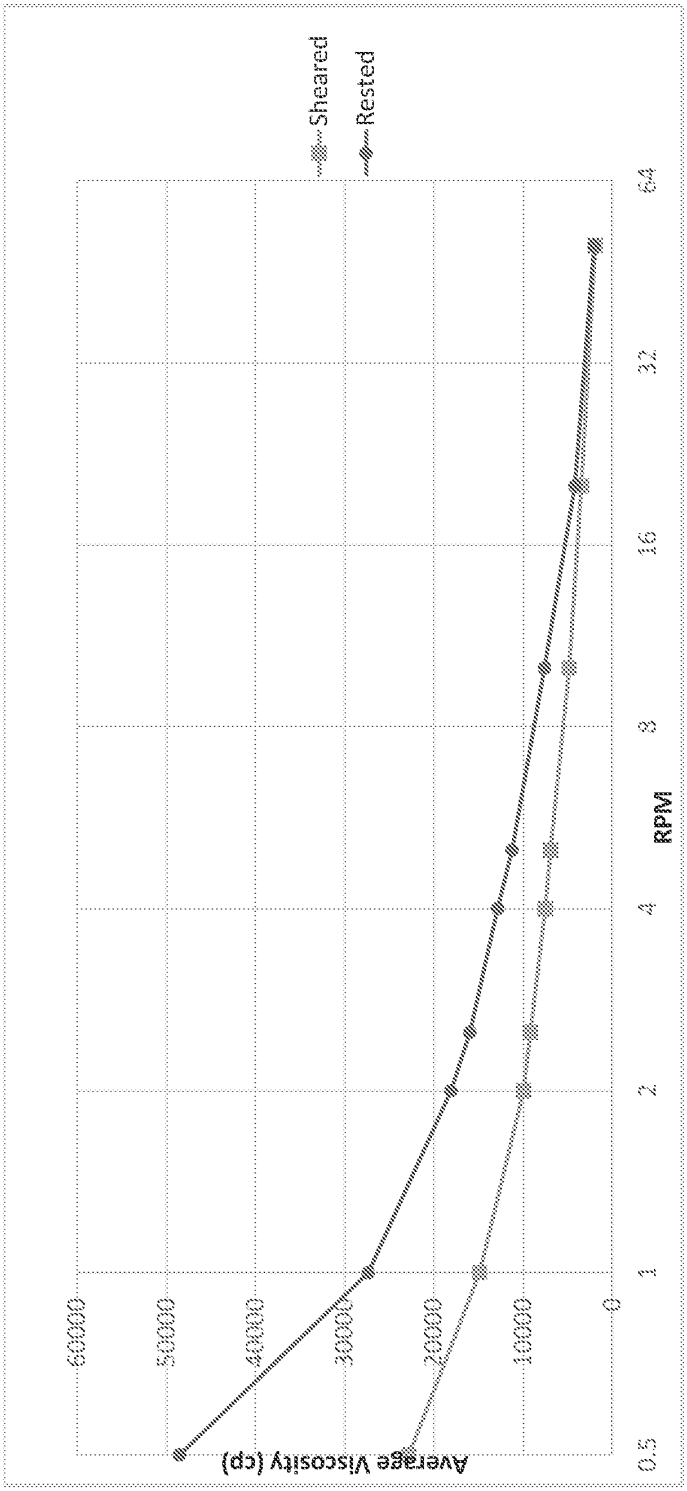

Sheared
Rested
Average Viscosity (cp)
60000
50000
40000
30000
20000
10000
0
0.5
1
2
4
8
16
32
64
RPM

FIG. 2

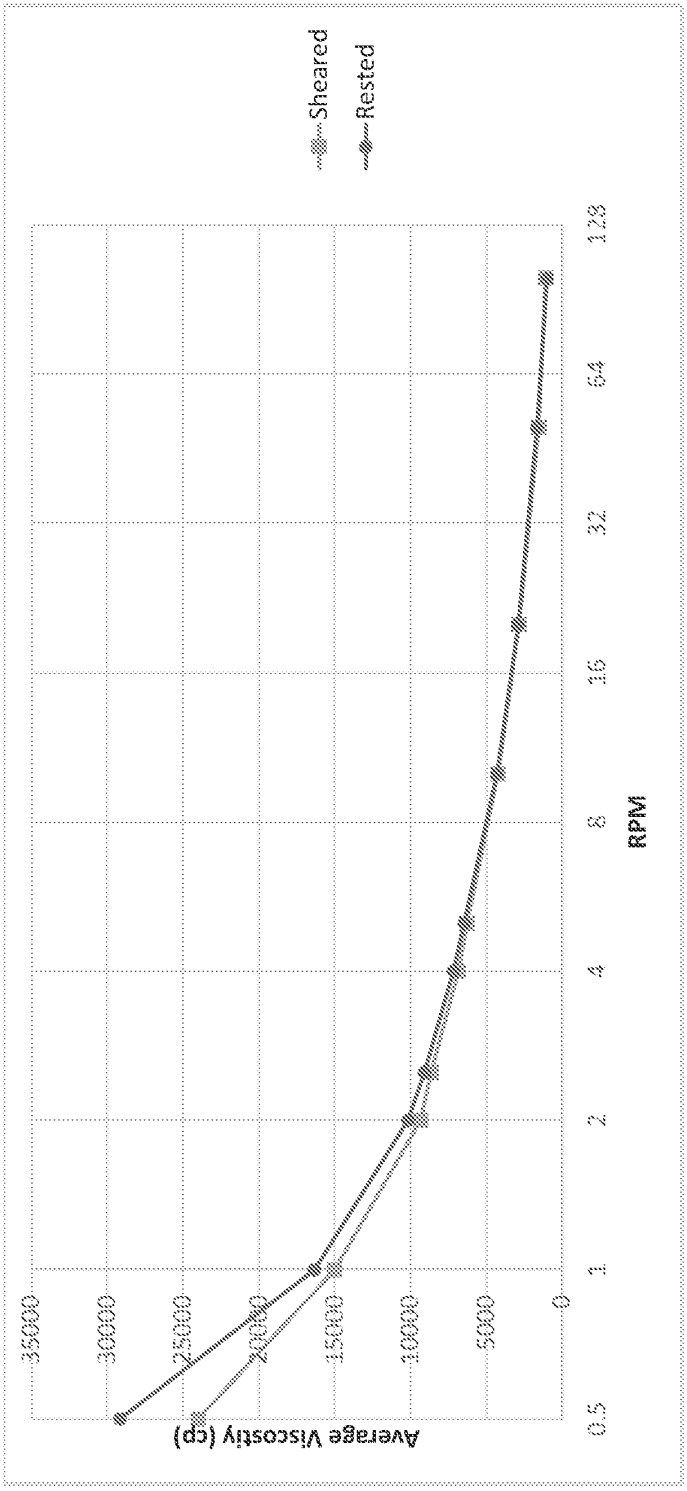

Sheared
Rested
Average Viscosity (cp)
35000
30000
25000
20000
15000
10000
5000
0
0.5
1
2
4
8
16
32
64
128
RPM

FIG. 3

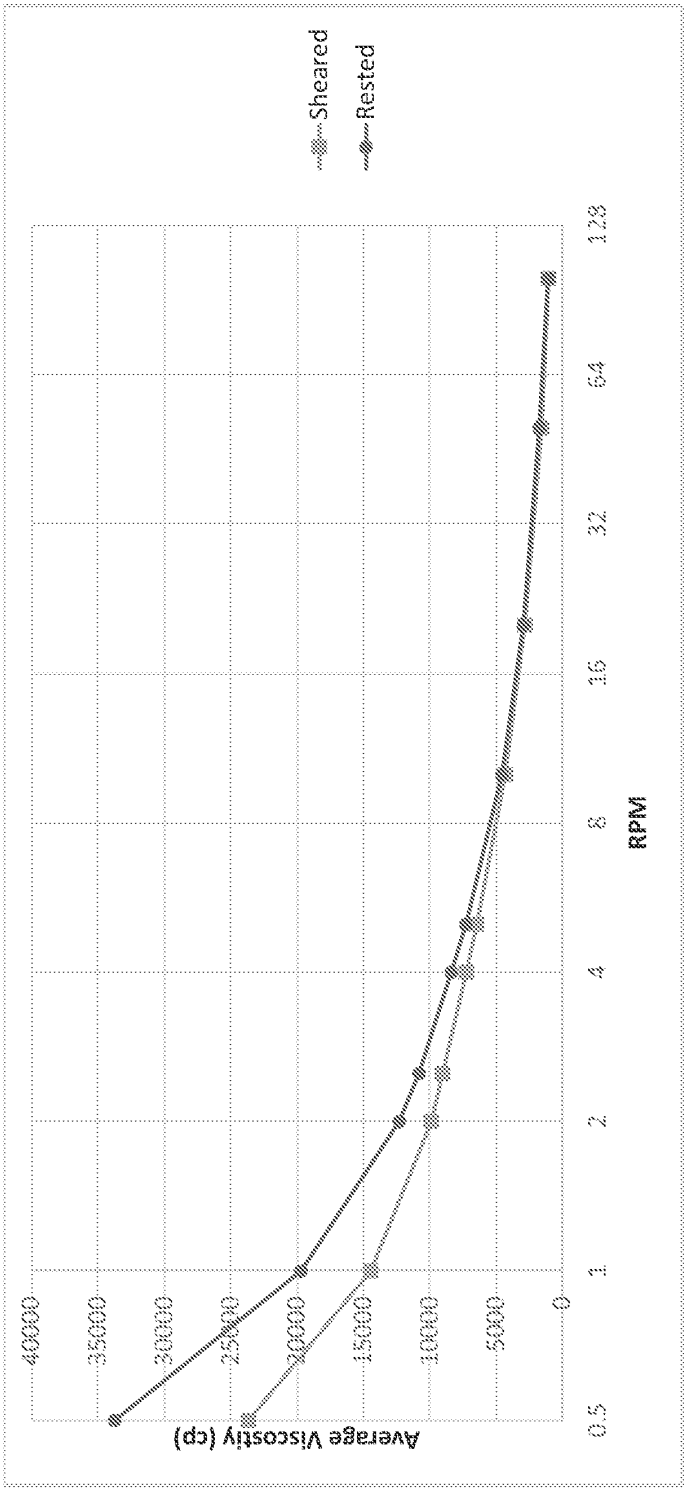

Sheared
Rested
Average Viscosity (cp)
40000
35000
30000
25000
20000
15000
10000
5000
0
0.5
1
2
4
8
16
32
64
128
RPM

FIG. 4

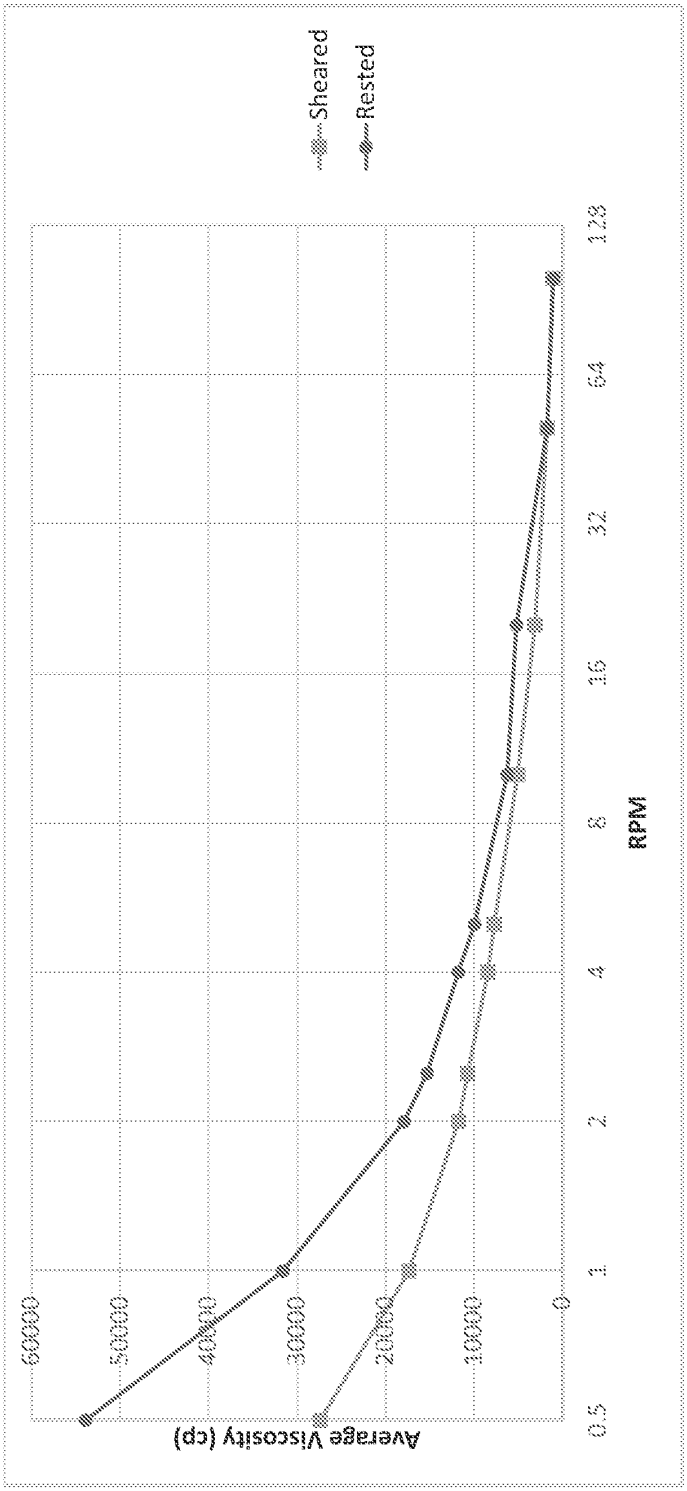

Sheared
Rested
Average Viscosity (cp)
60000
50000
40000
30000
20000
10000
0
0.5
1
2
4
8
16
32
64
128
RPM

FIG. 5

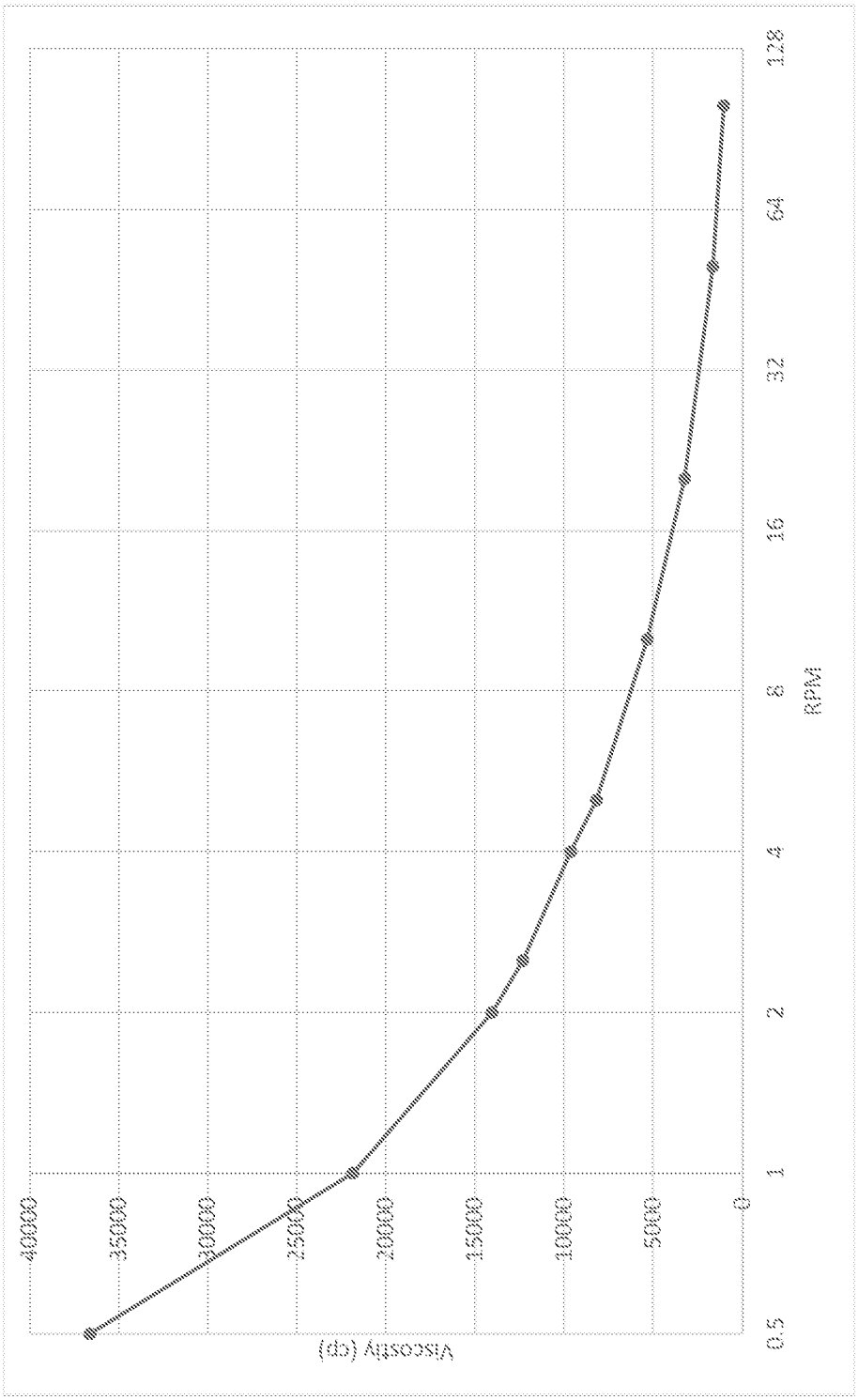

Viscosity (cp)
40000
35000
30000
25000
20000
15000
10000
5000
0
0.5
1
2
4
8
16
32
64
128
RPM

FIG. 6A

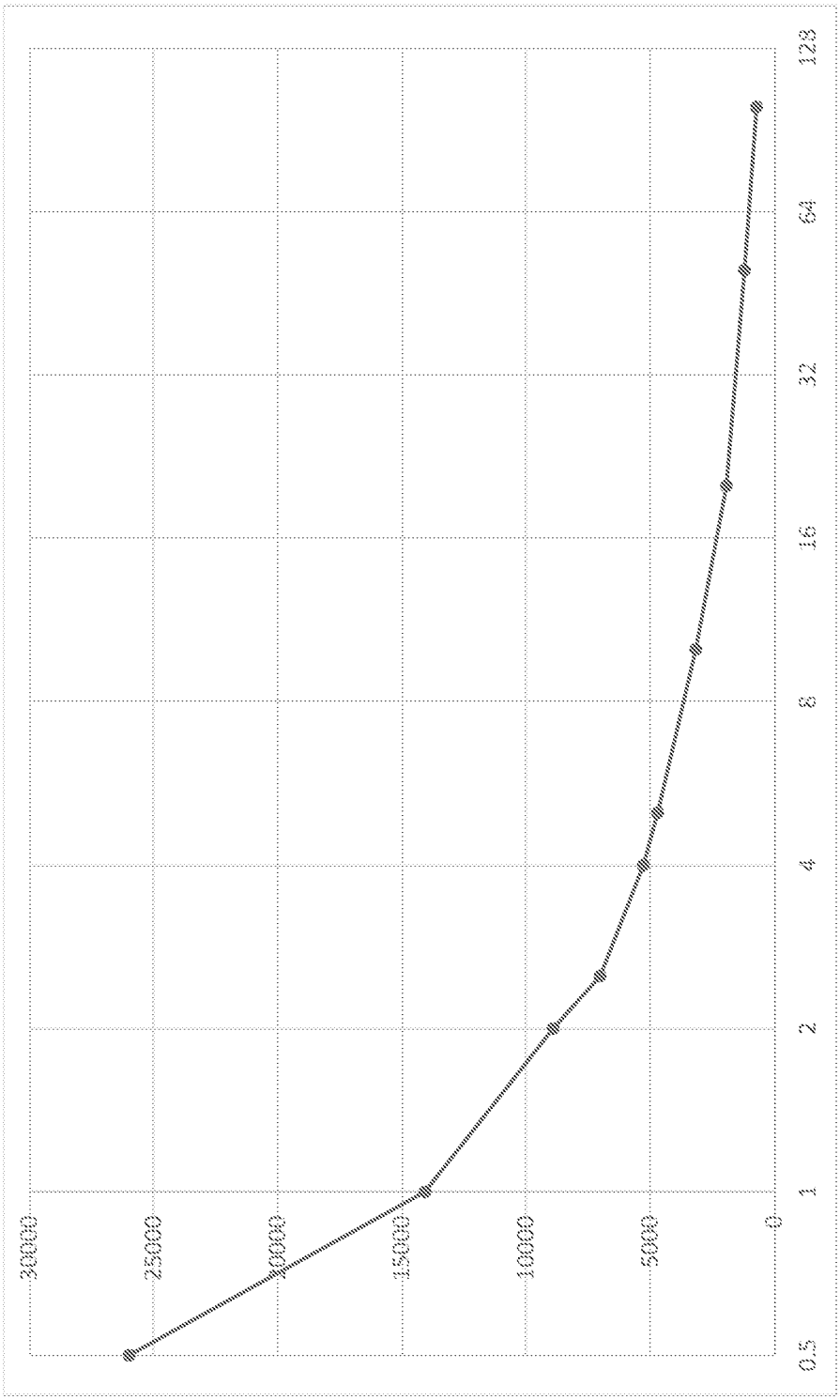


FIG. 6B

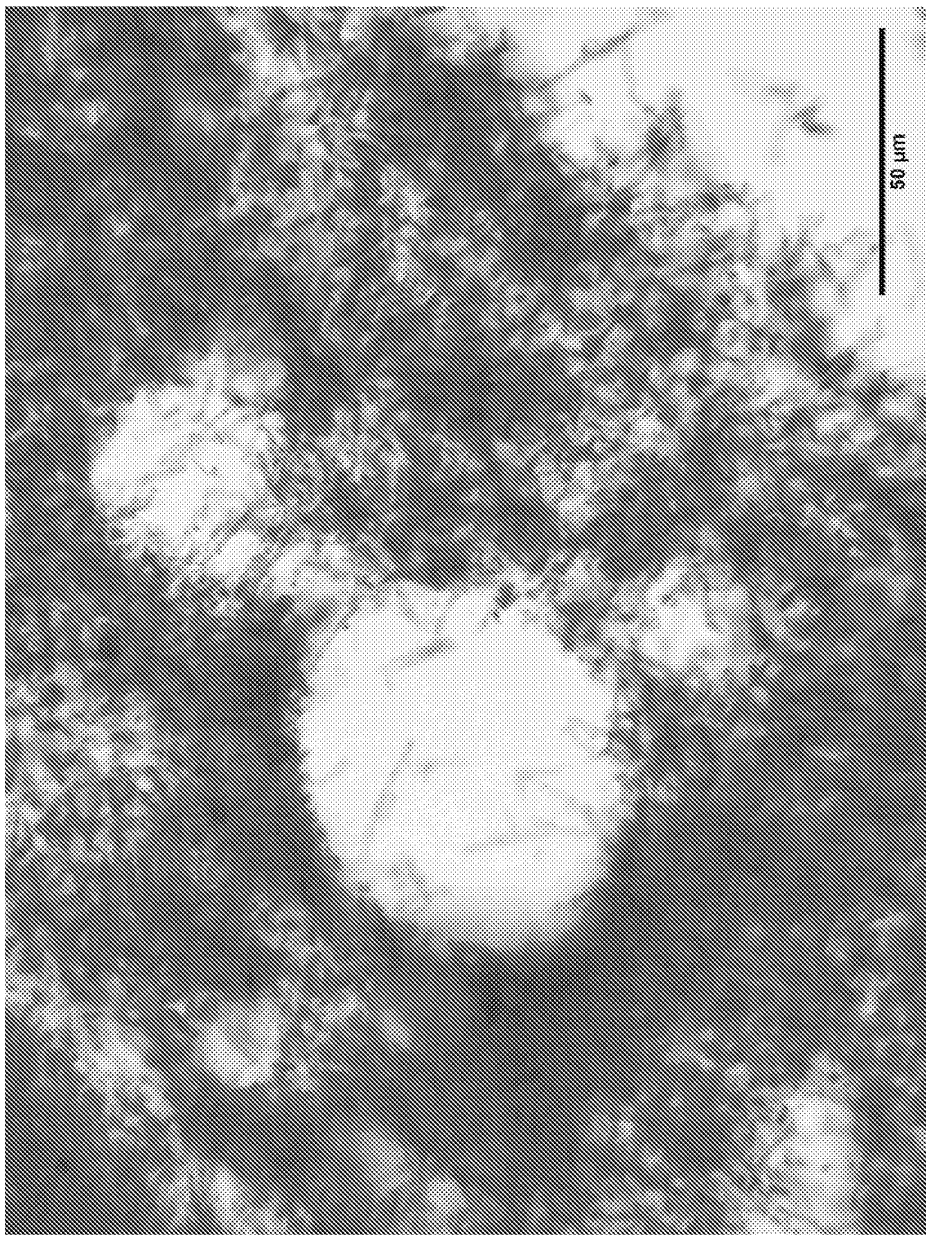


FIG. 7A

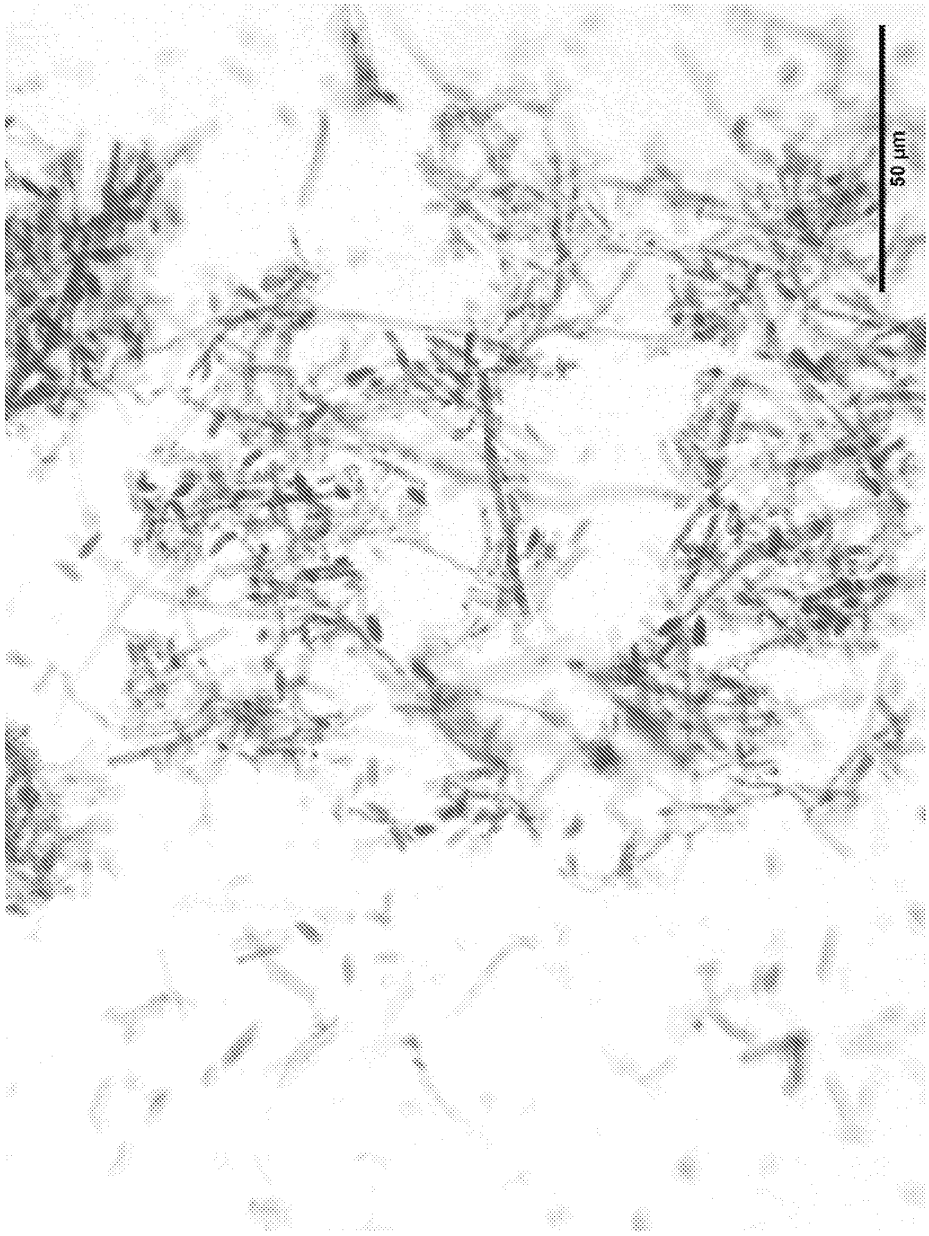


FIG. 7B

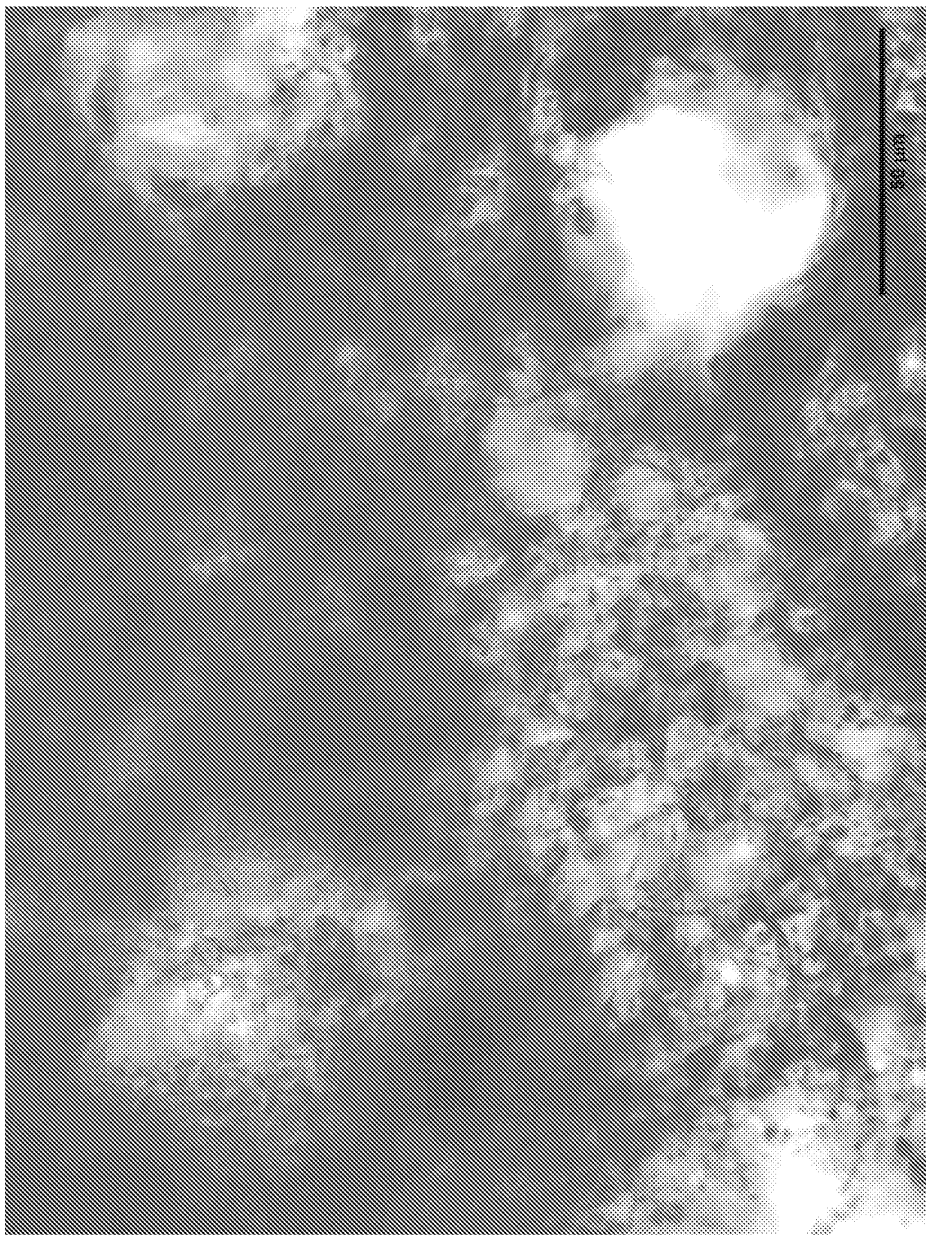


FIG. 7C

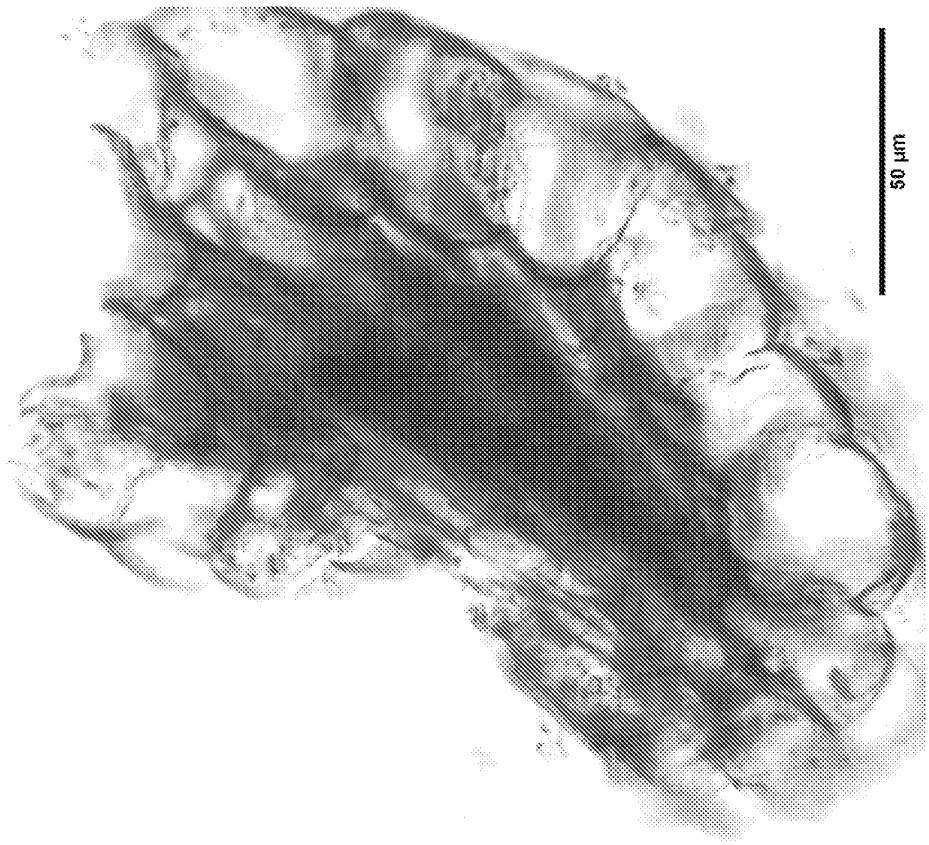


FIG. 8A

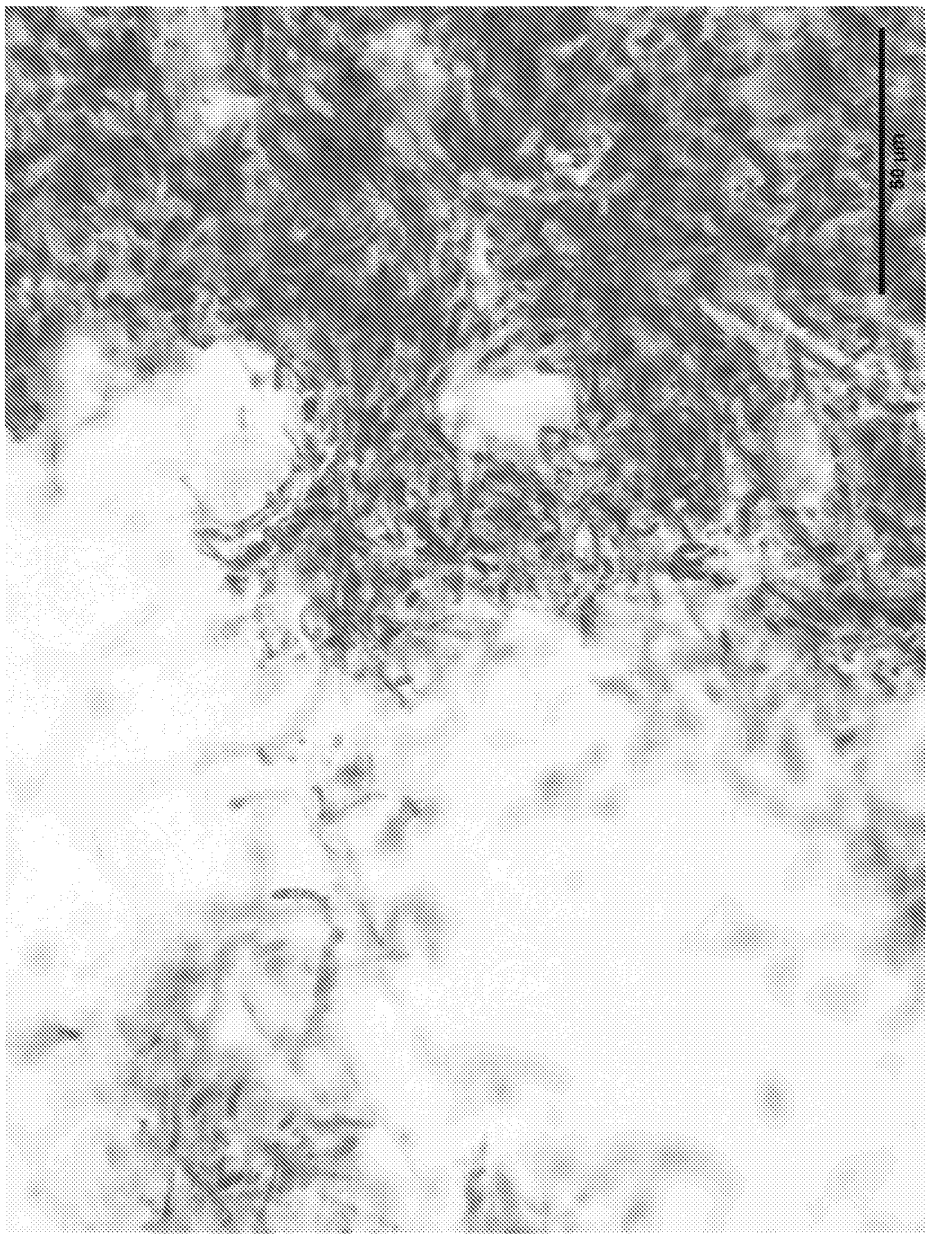


FIG. 8B

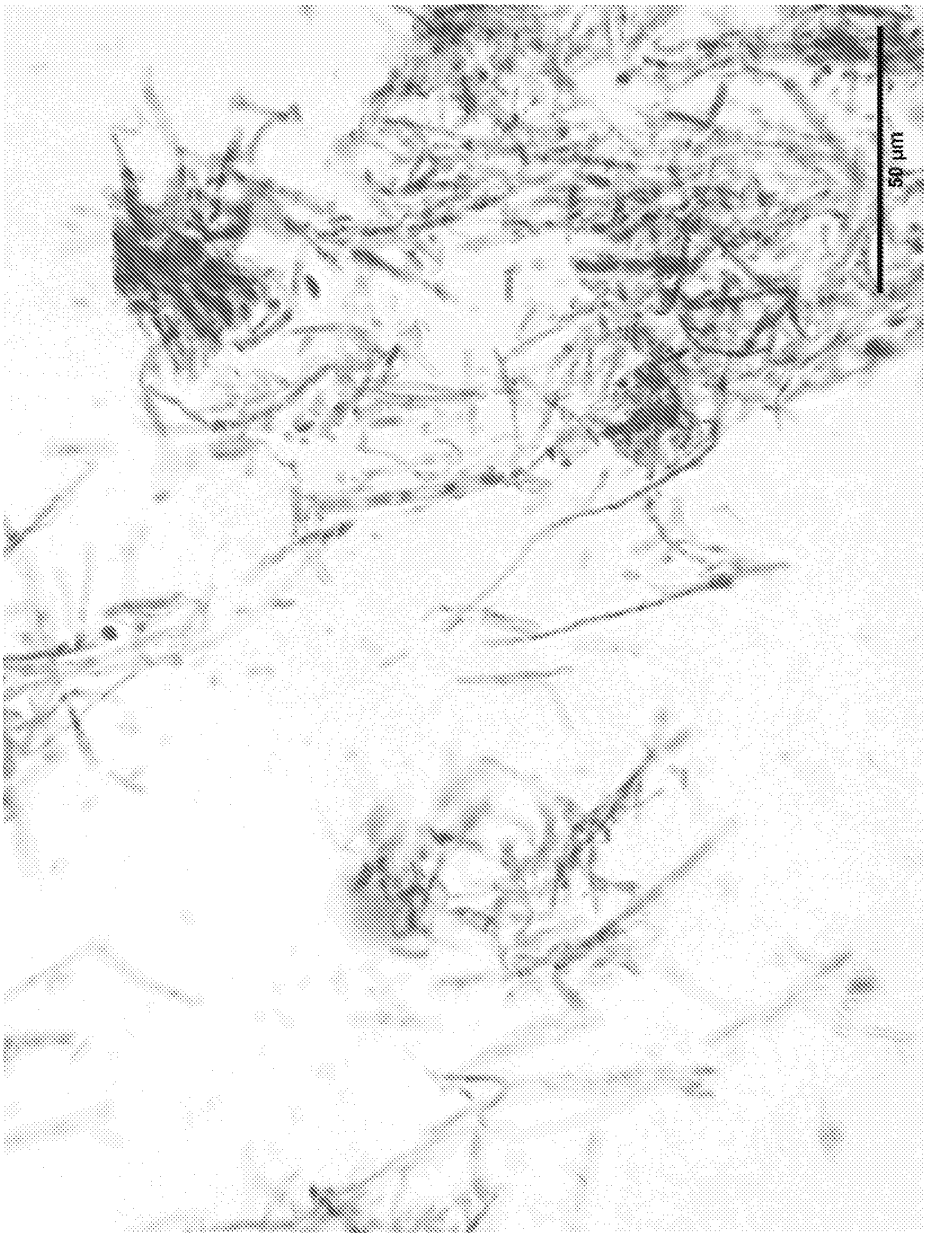


FIG. 8C

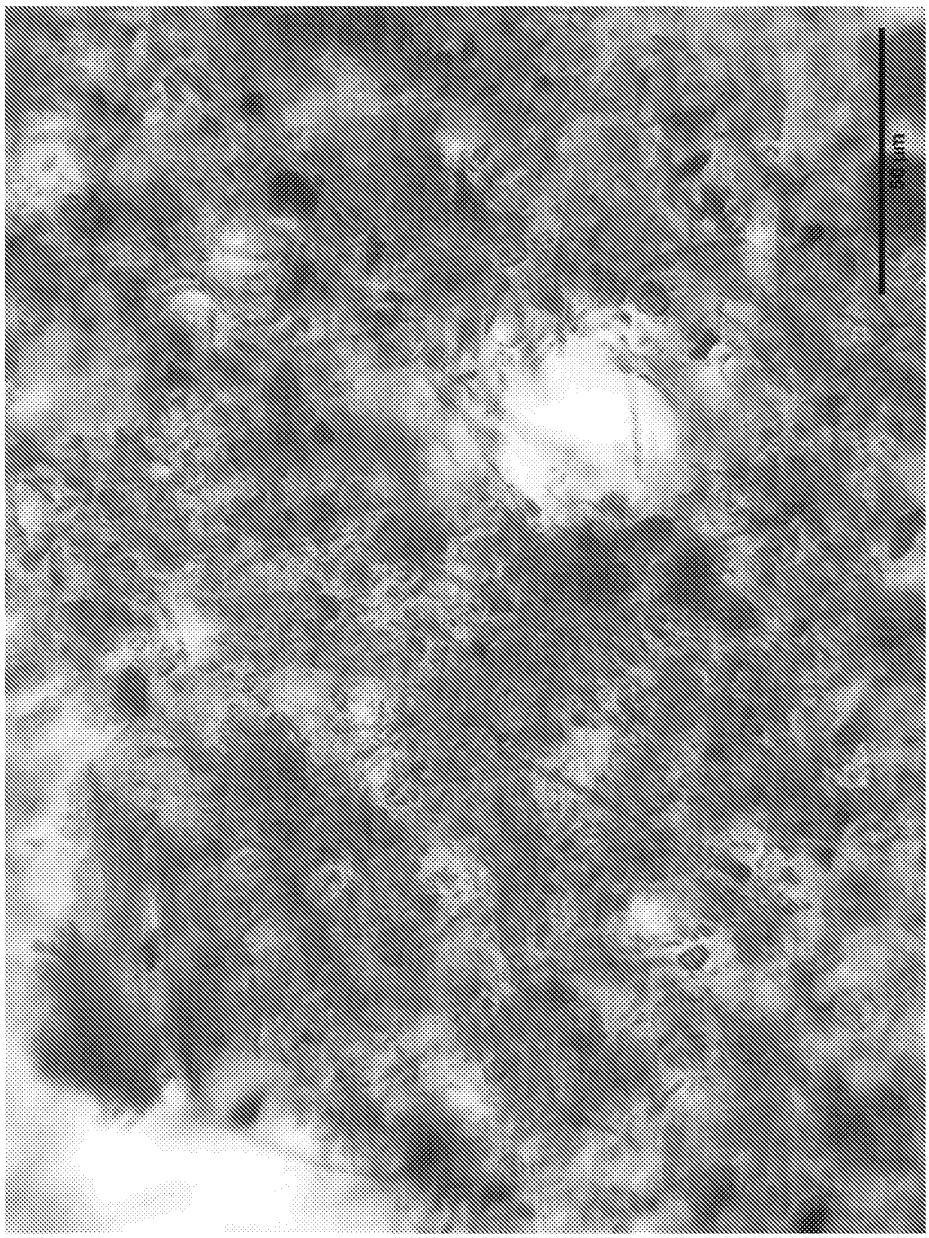


FIG. 9A

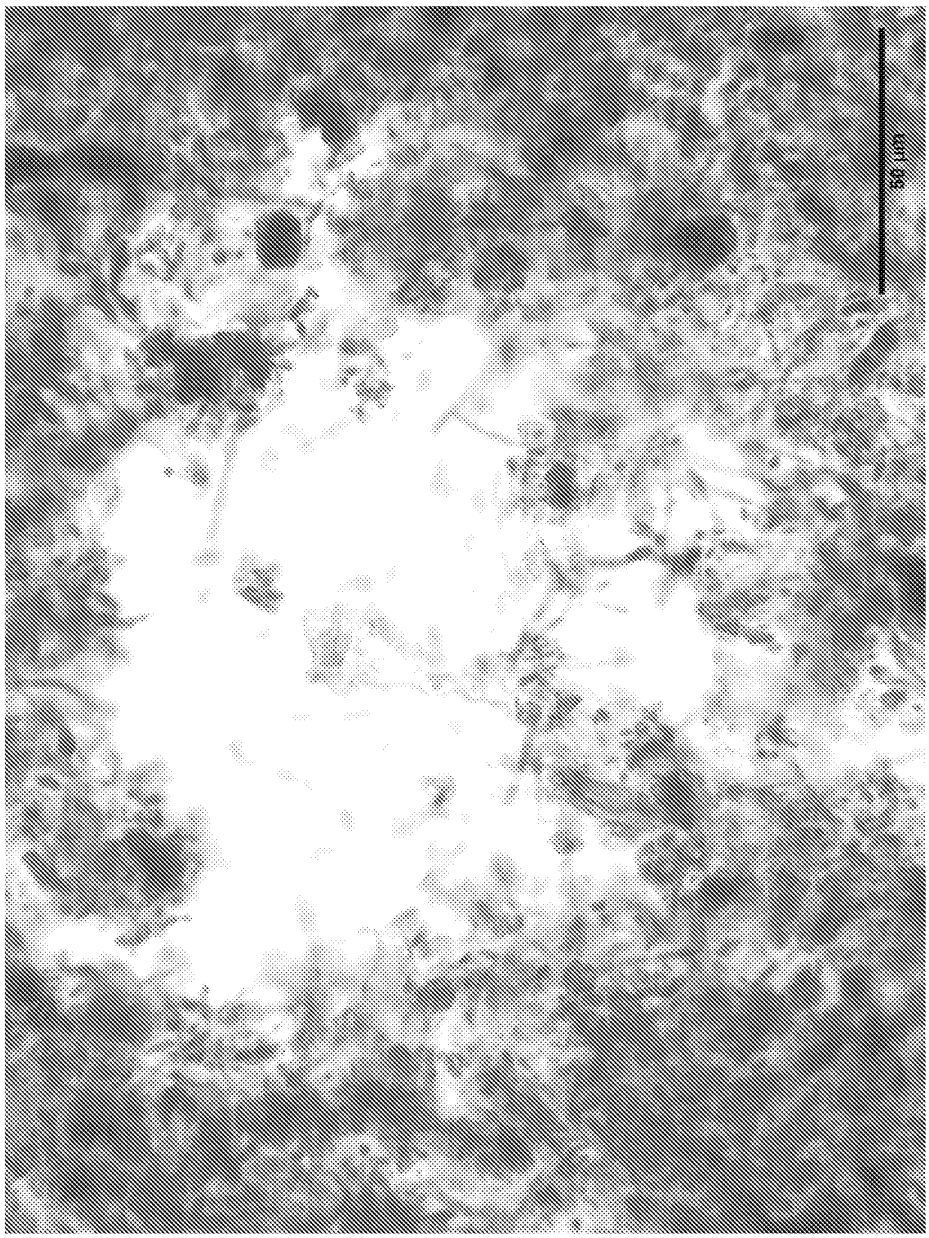


FIG. 9B

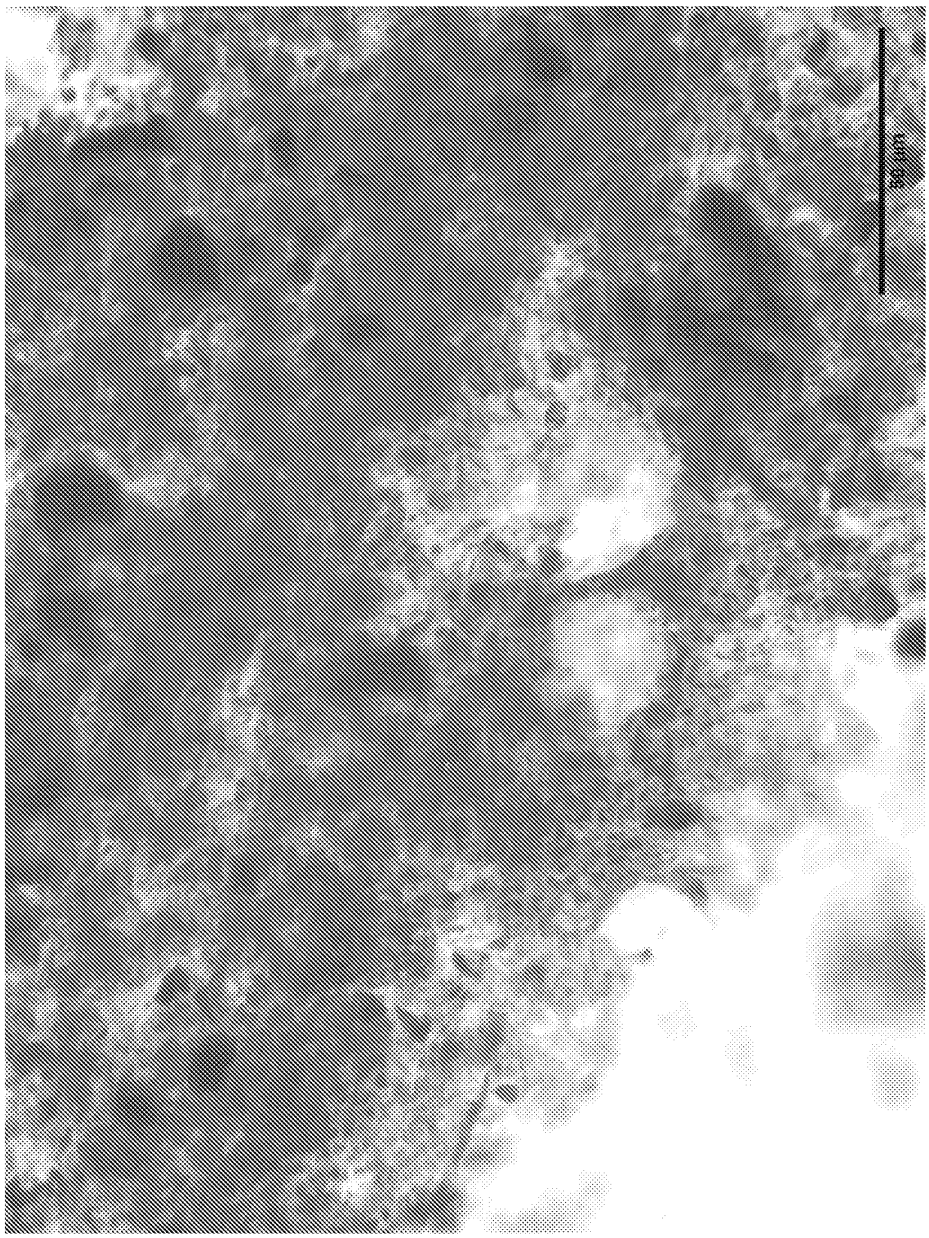


FIG. 9C

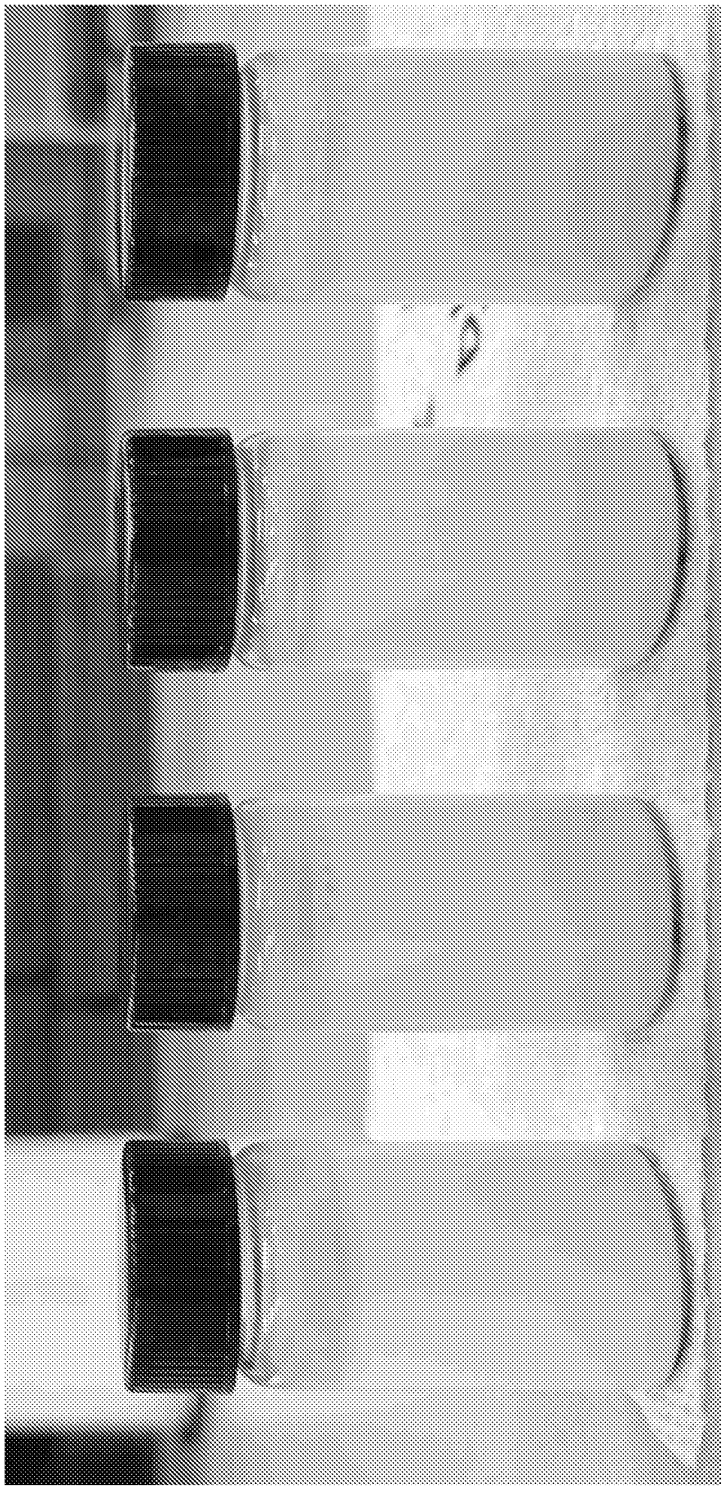


FIG. 10A

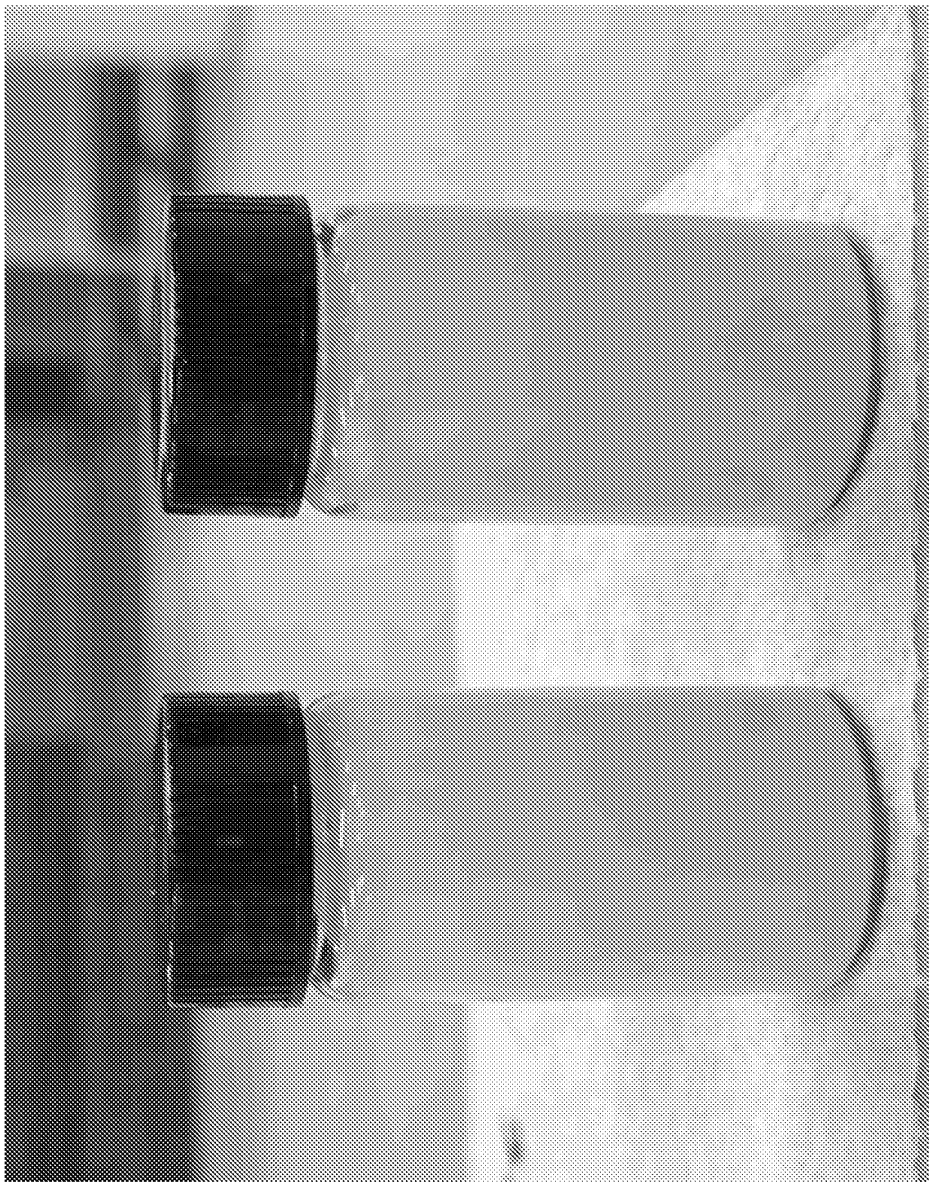


FIG. 10B

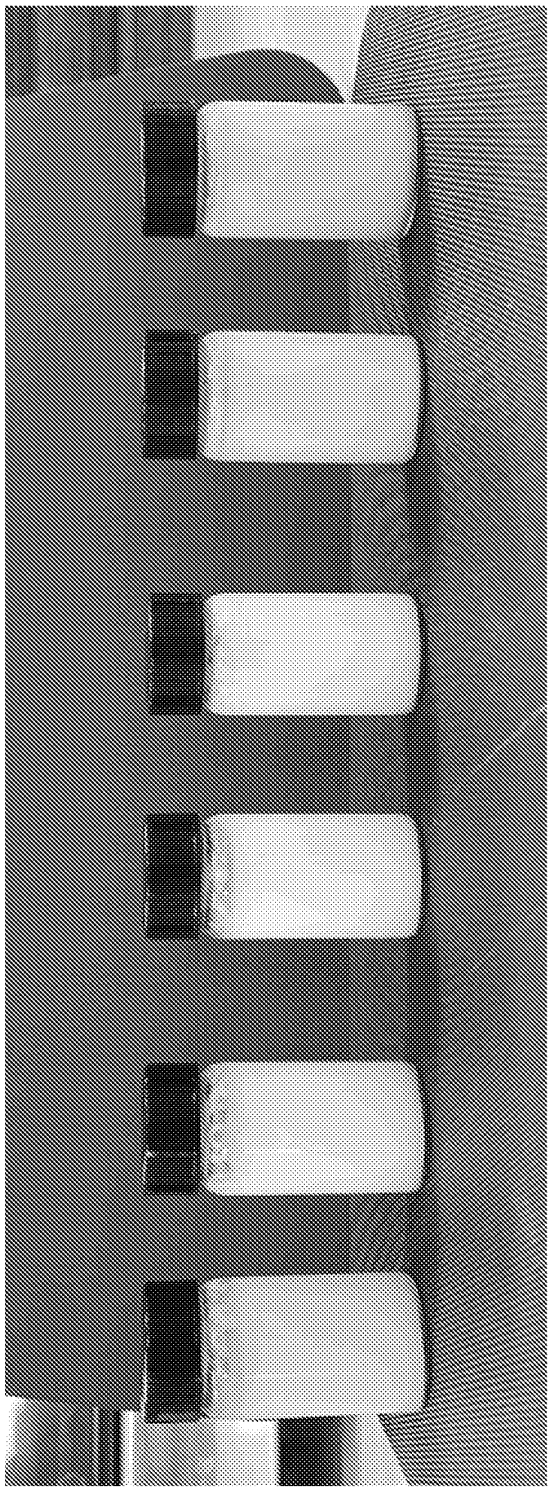


FIG. 11

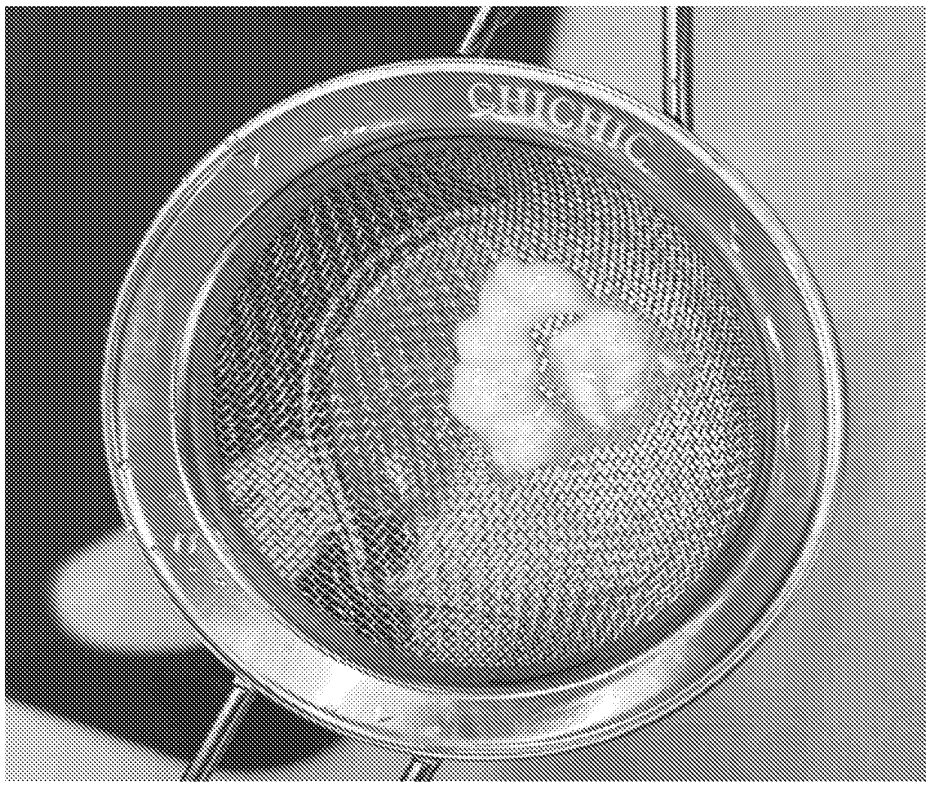


FIG. 12A

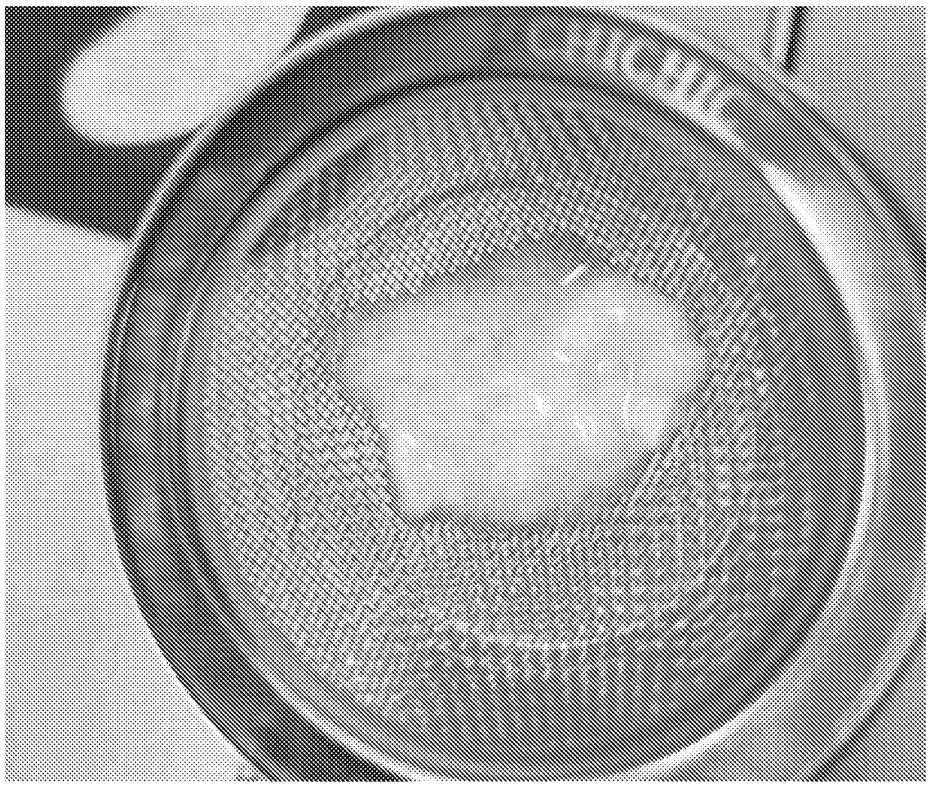


FIG. 12B

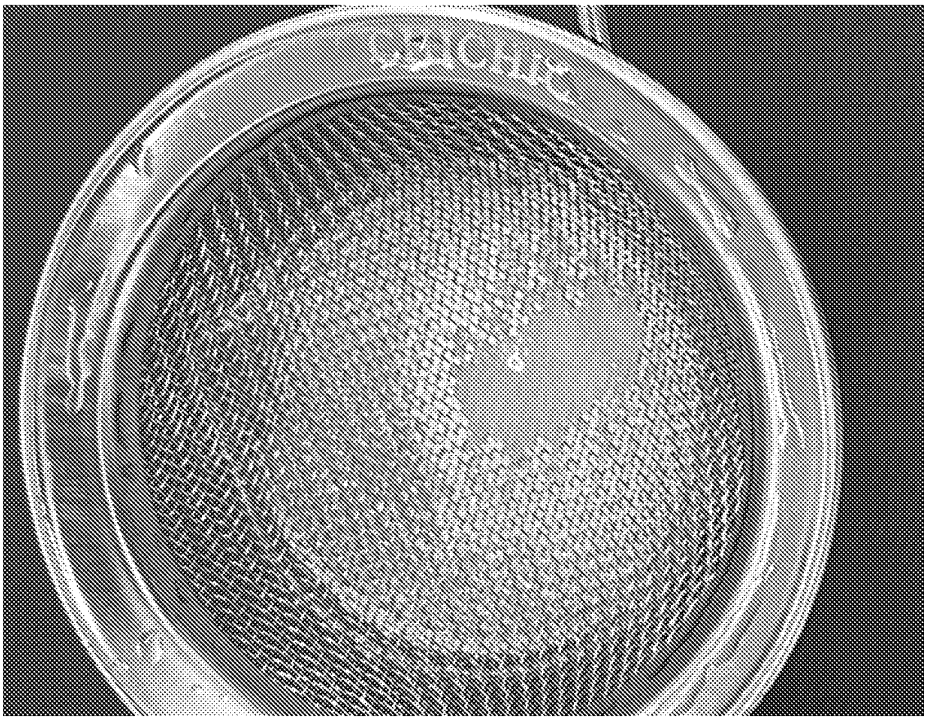


FIG. 13A

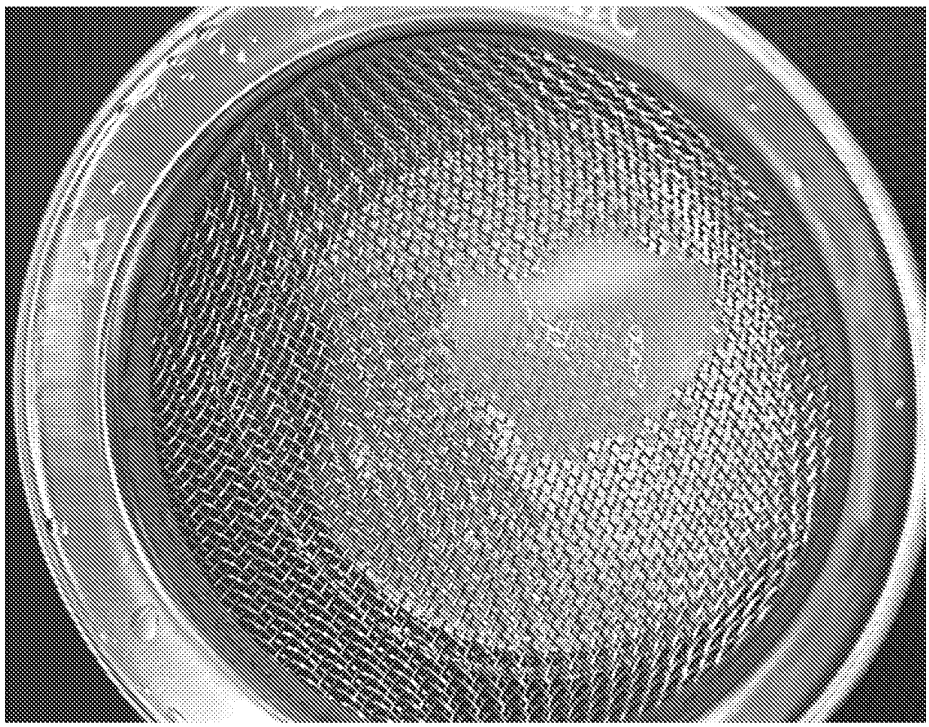


FIG. 13B

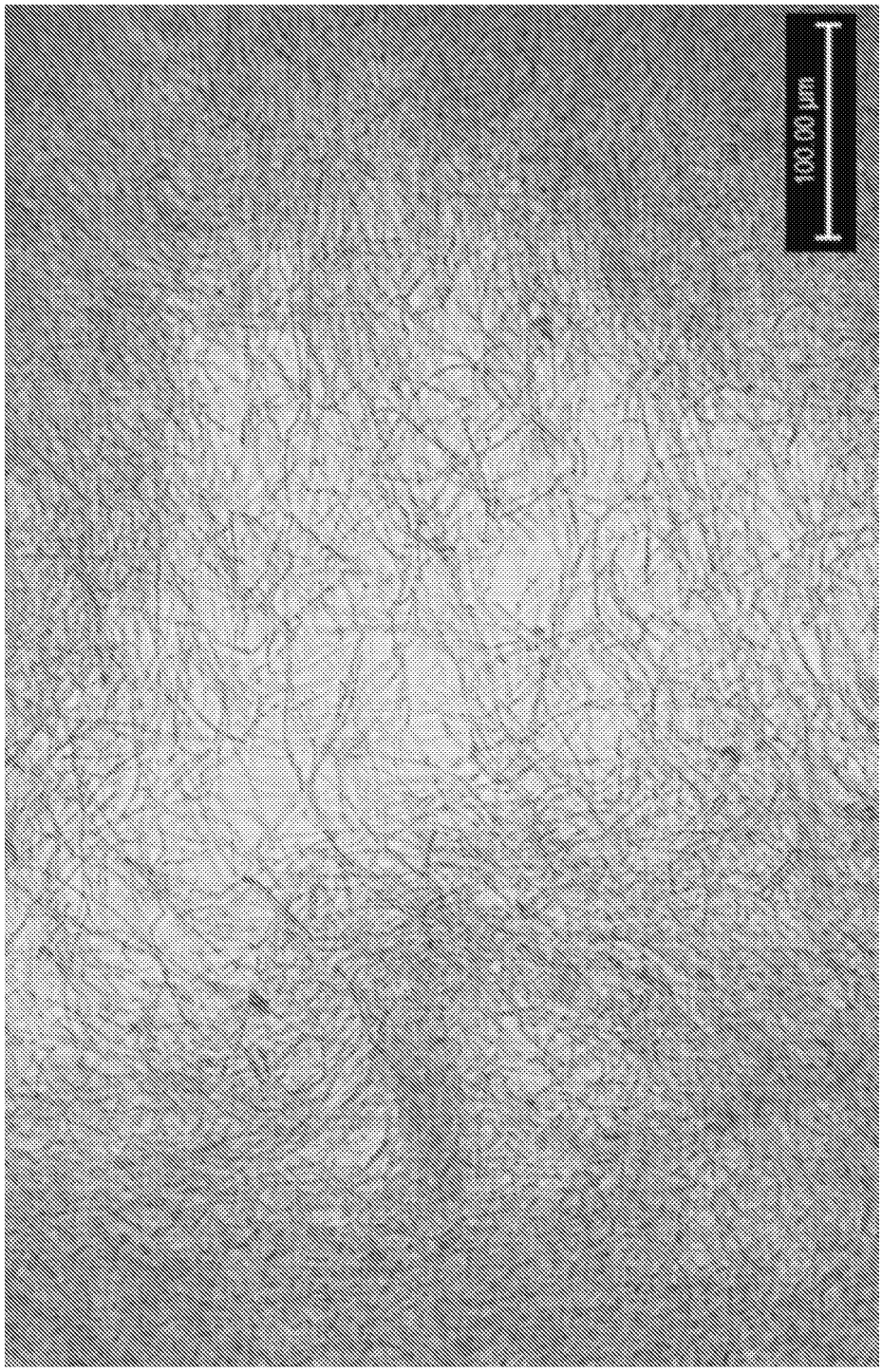


FIG. 14A

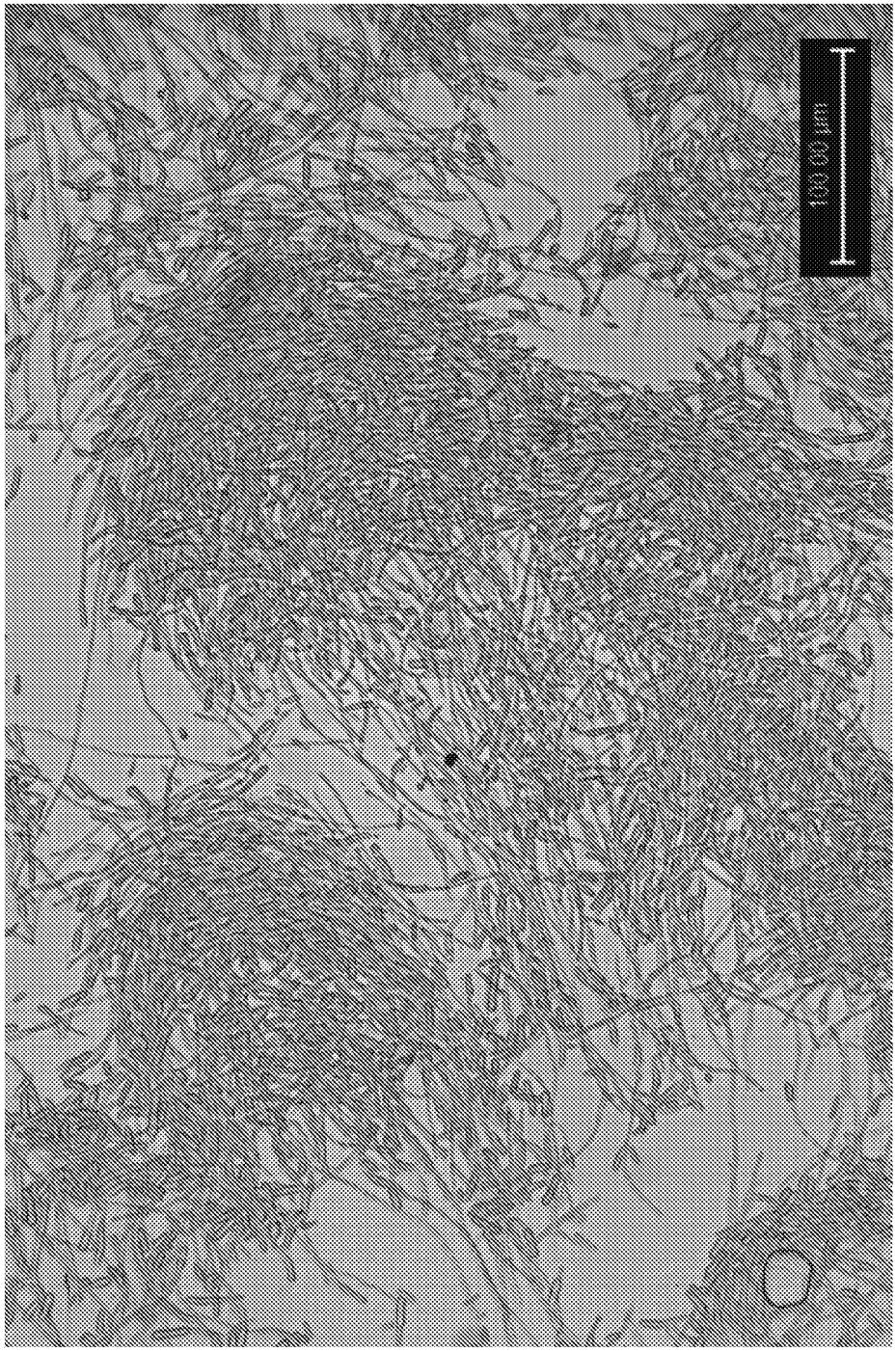


FIG. 14B

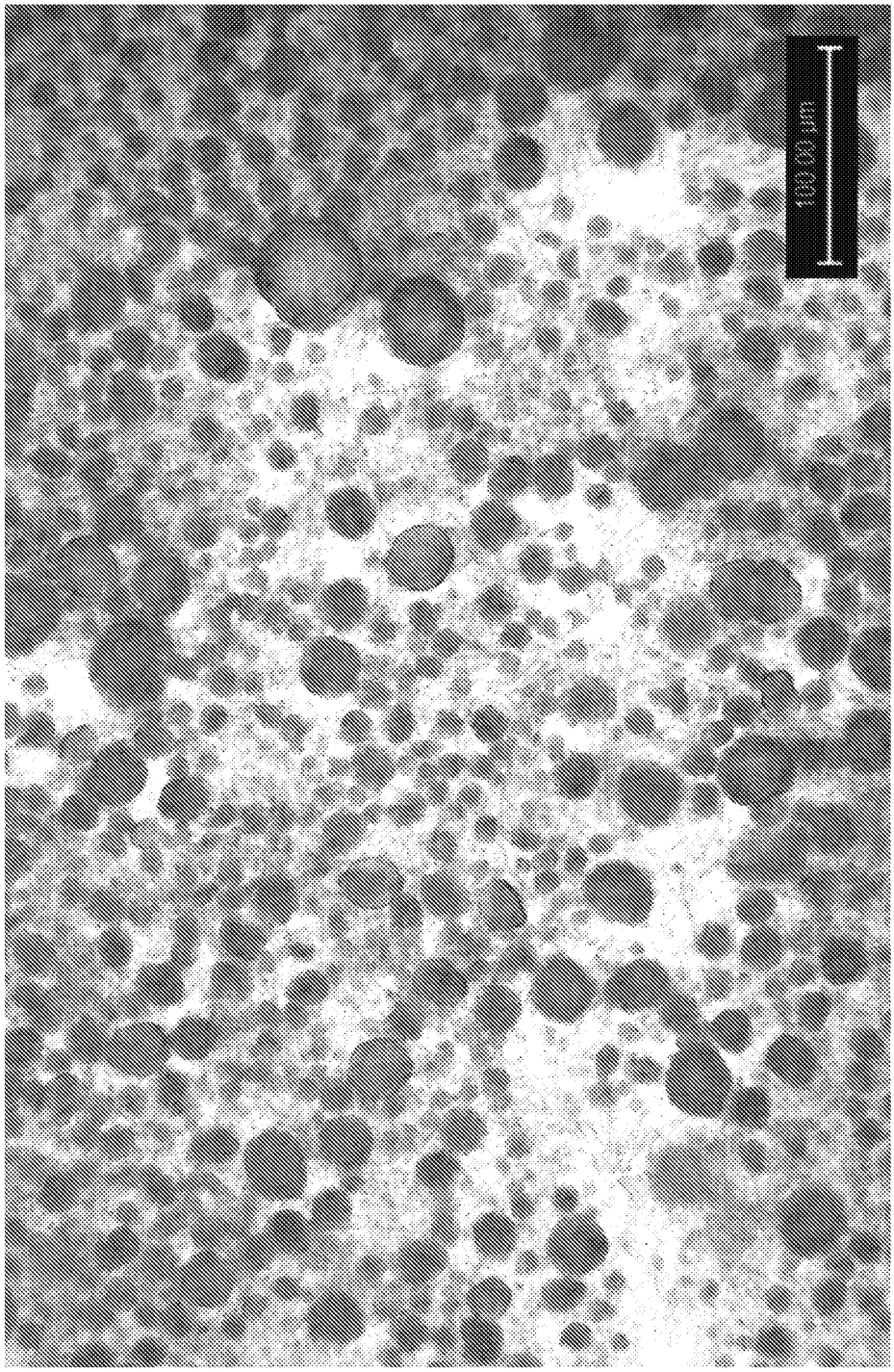


FIG. 14C

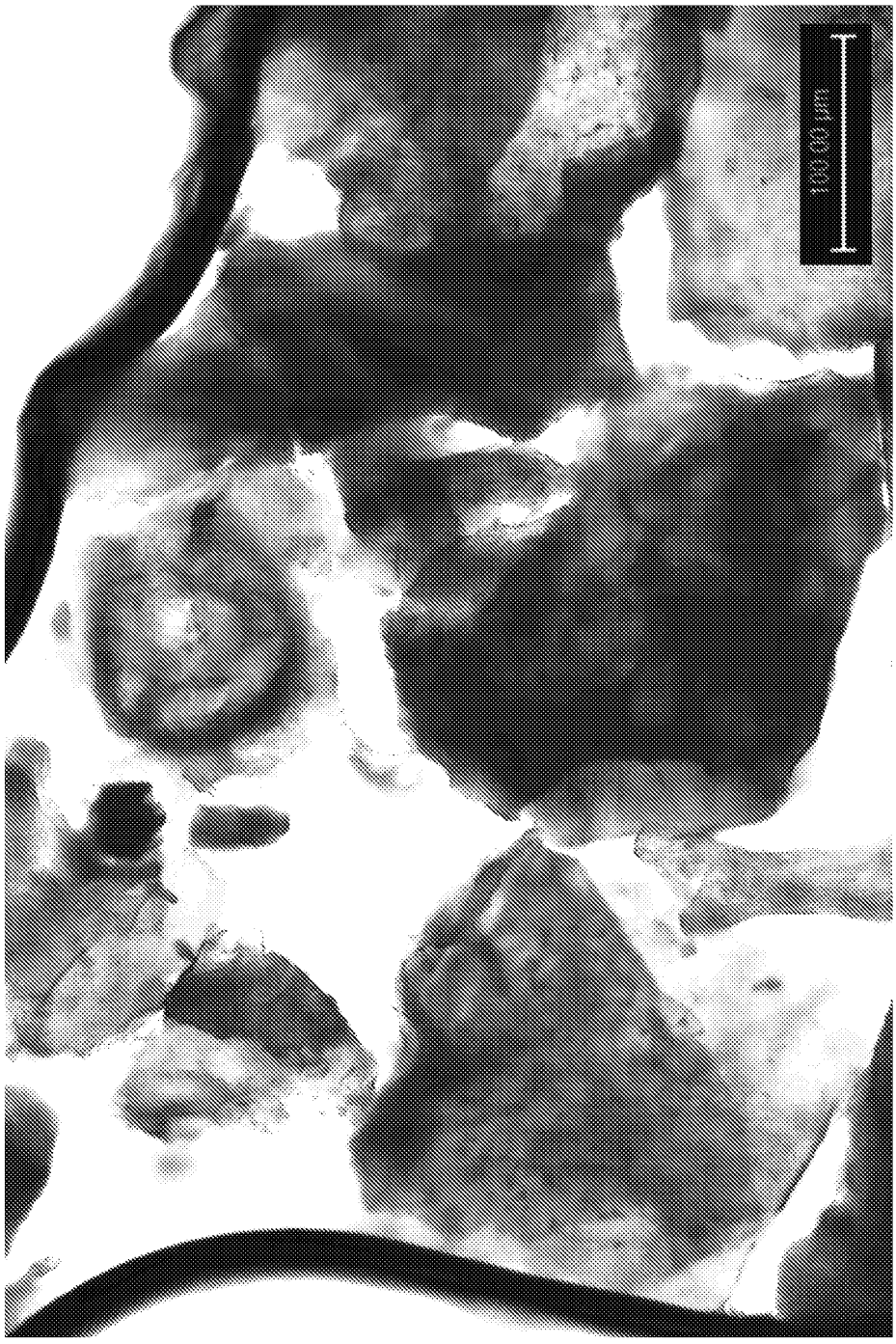


FIG. 14D

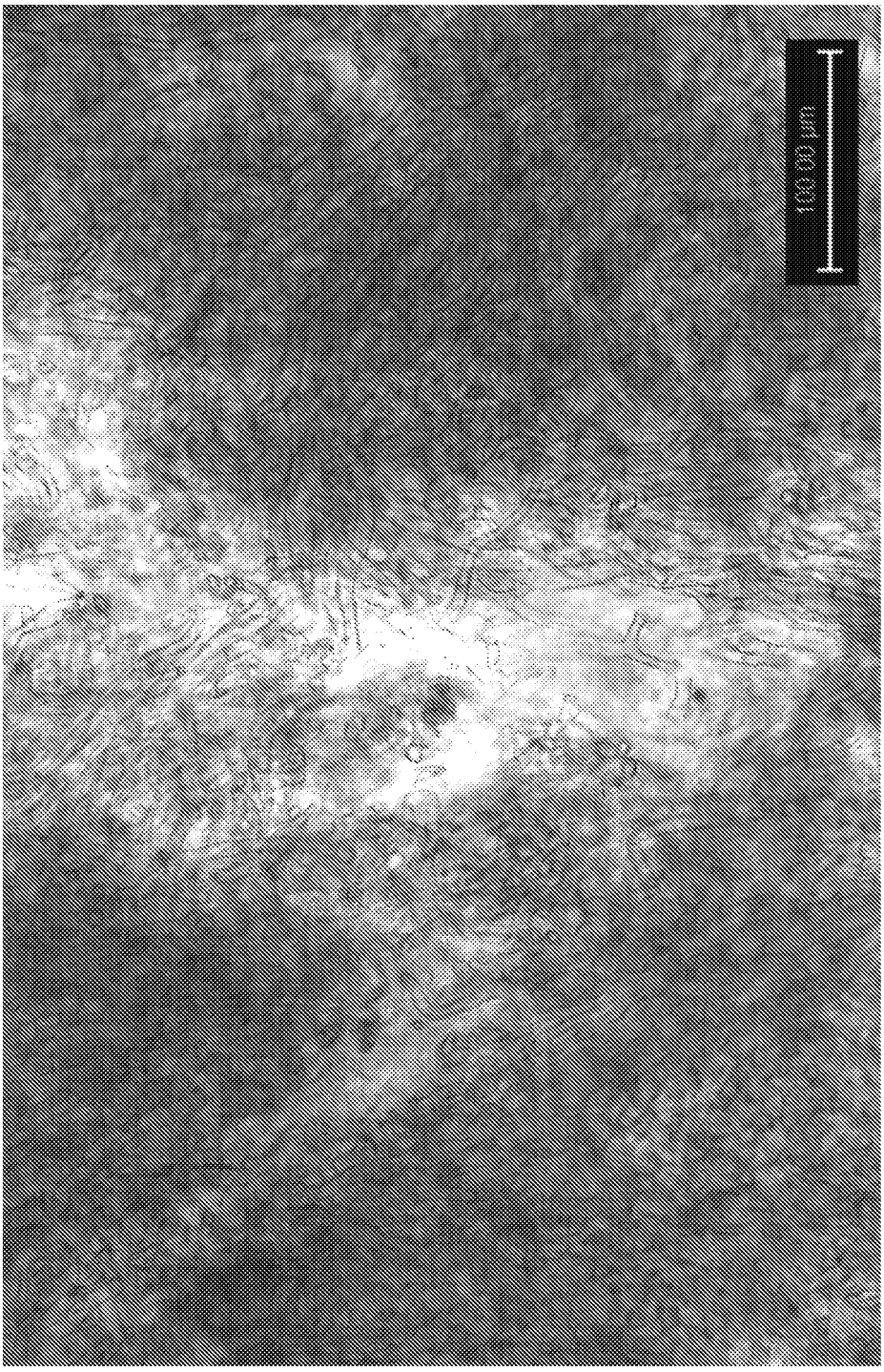


FIG. 14E

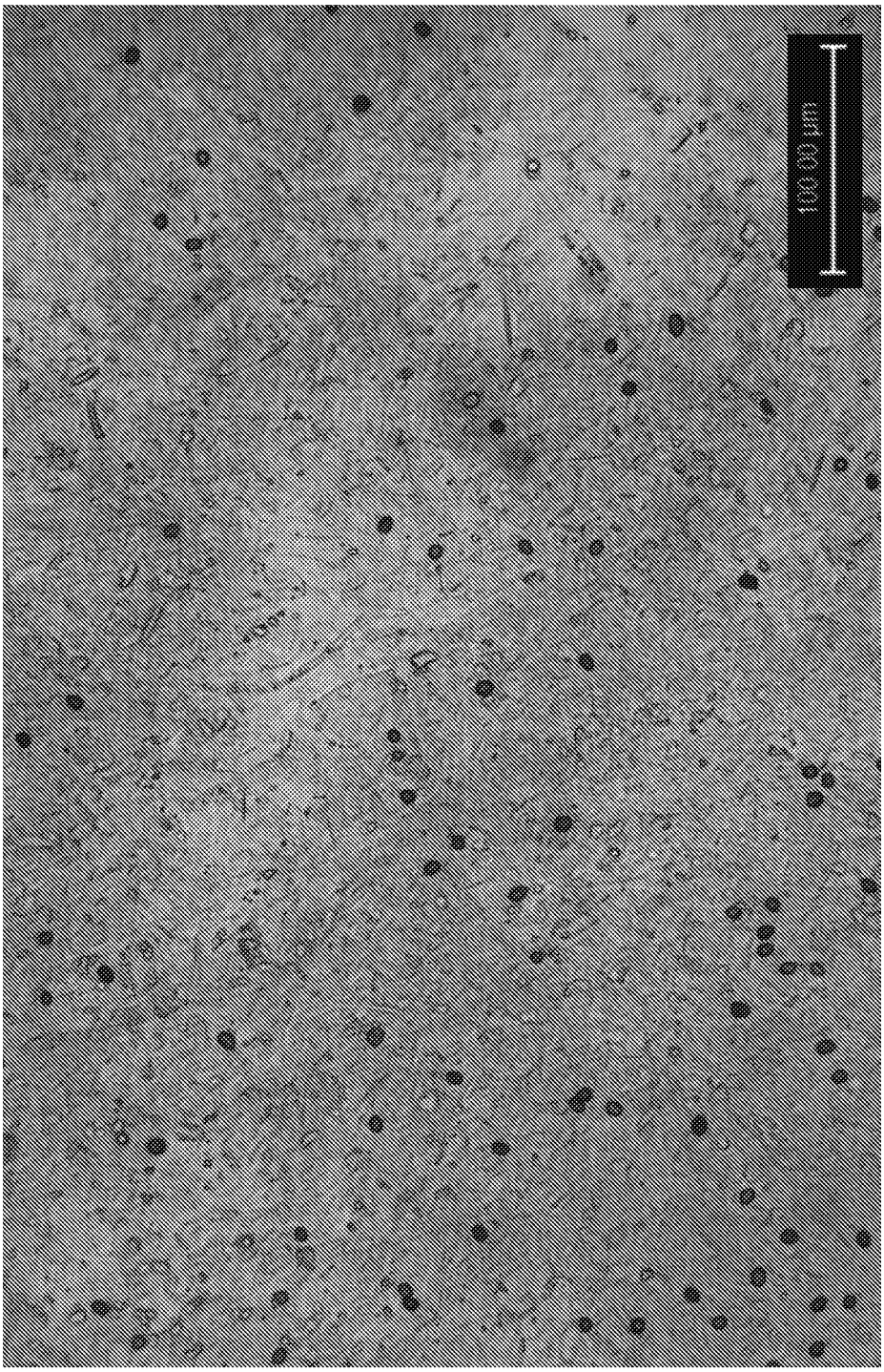


FIG. 14F

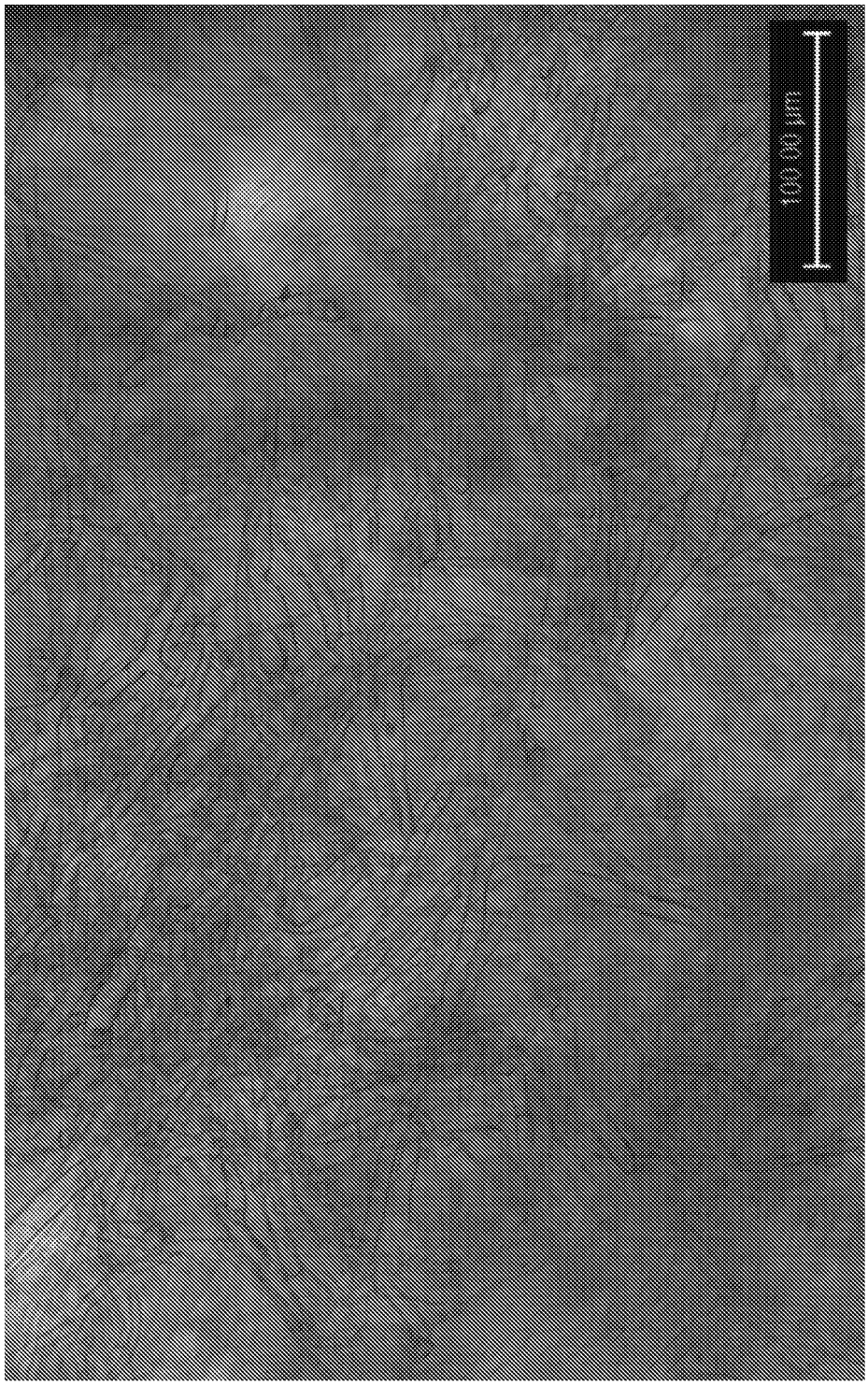


FIG. 14G

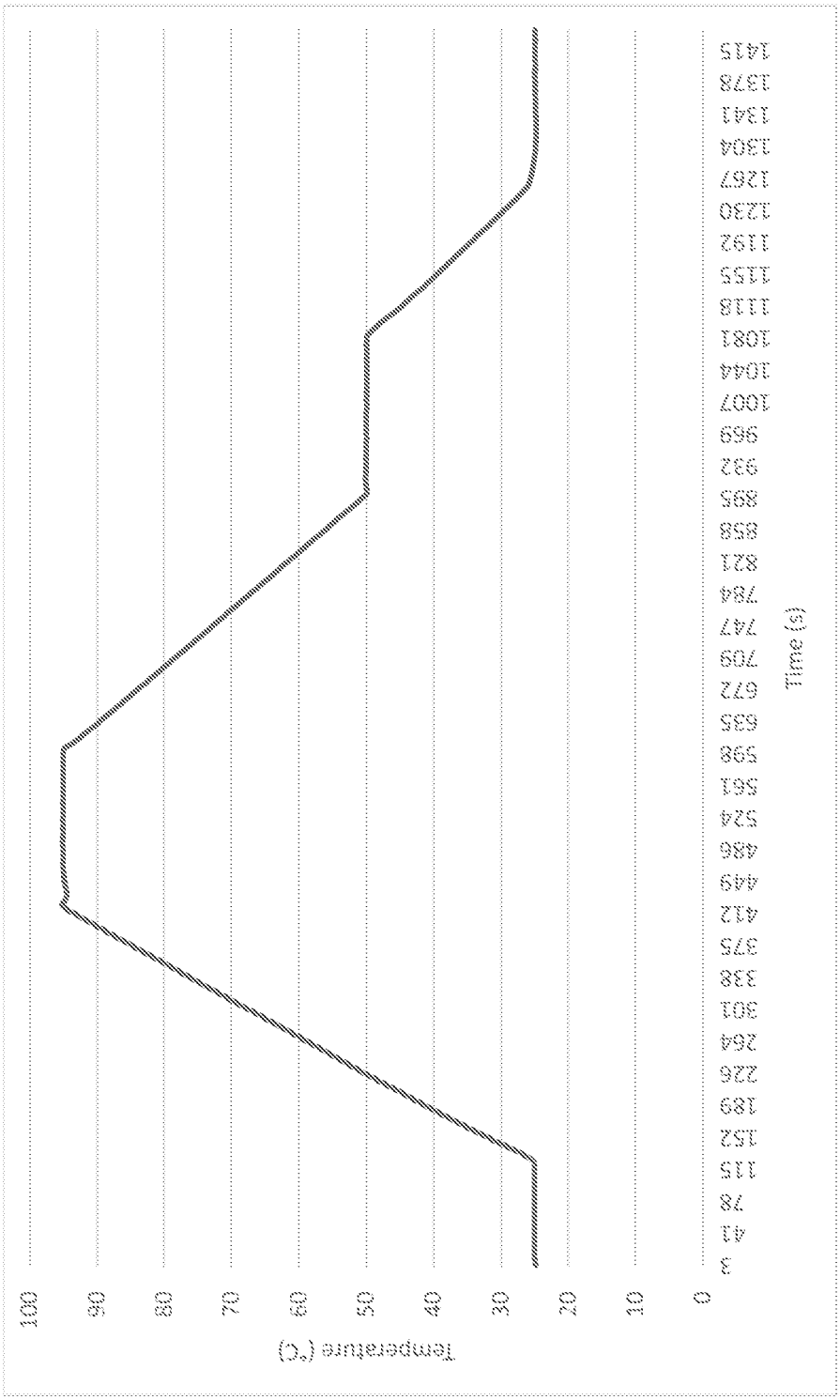

Temperature (°C)
100
90
80
70
60
50
40
30
20
10
0
Time (s)
3
41
78
115
152
189
226
264
301
338
375
412
449
486
524
561
598
635
672
709
747
784
821
858
895
932
969
1007
1044
1081
1118
1155
1192
1230
1267
1304
1341
1378
1415

FIG. 15



FIG. 16A

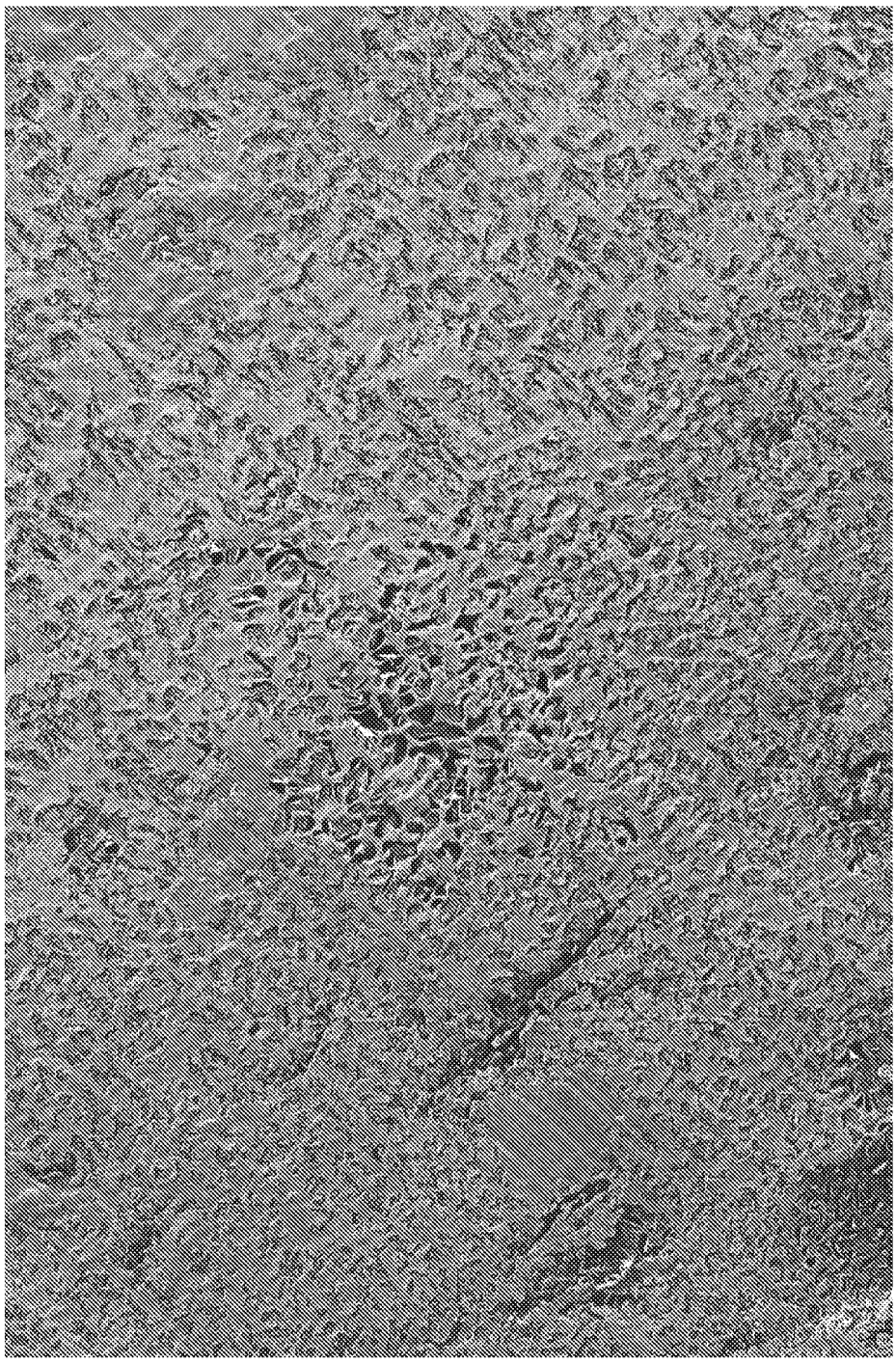


FIG. 16B

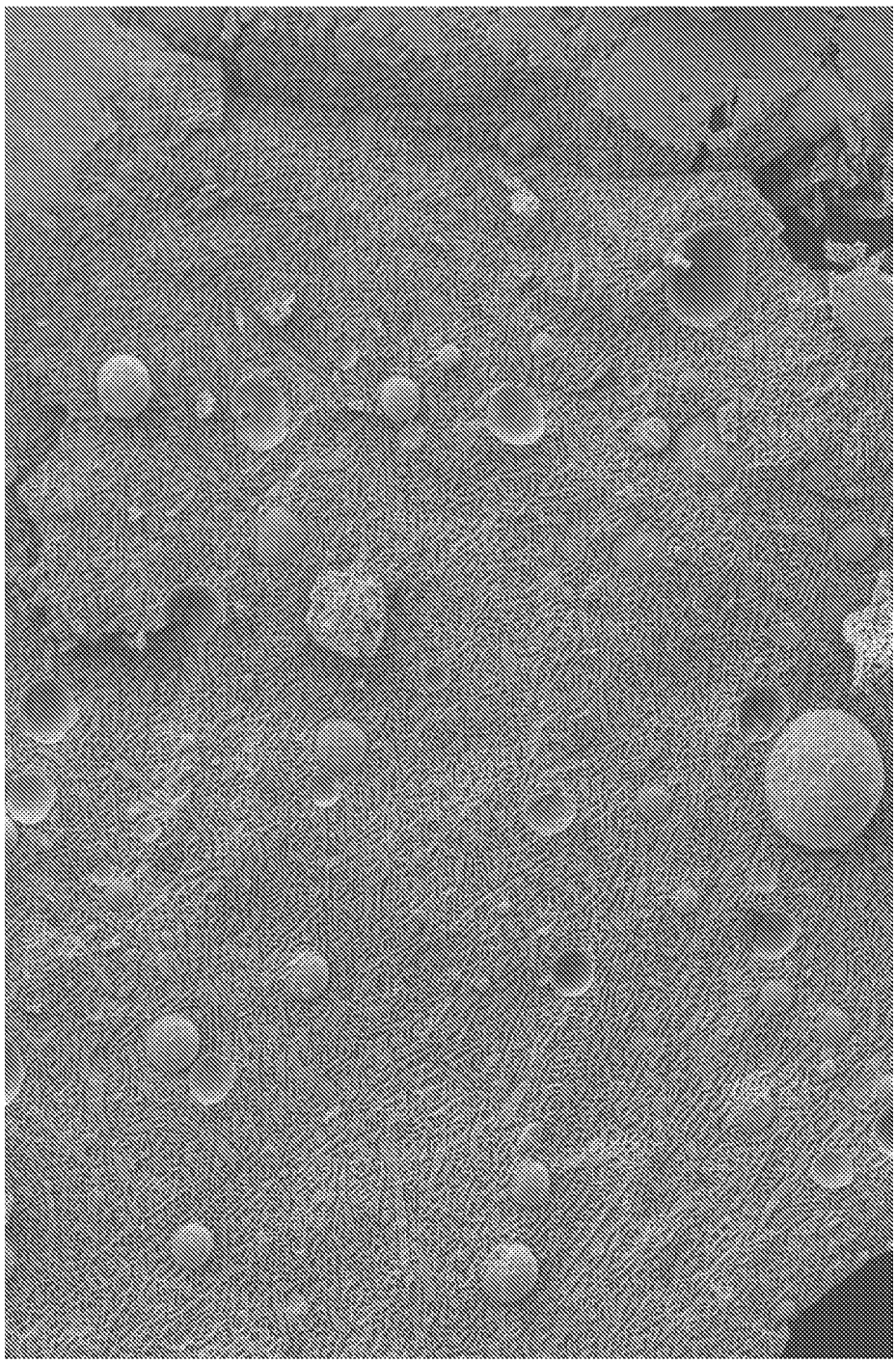


FIG. 16C

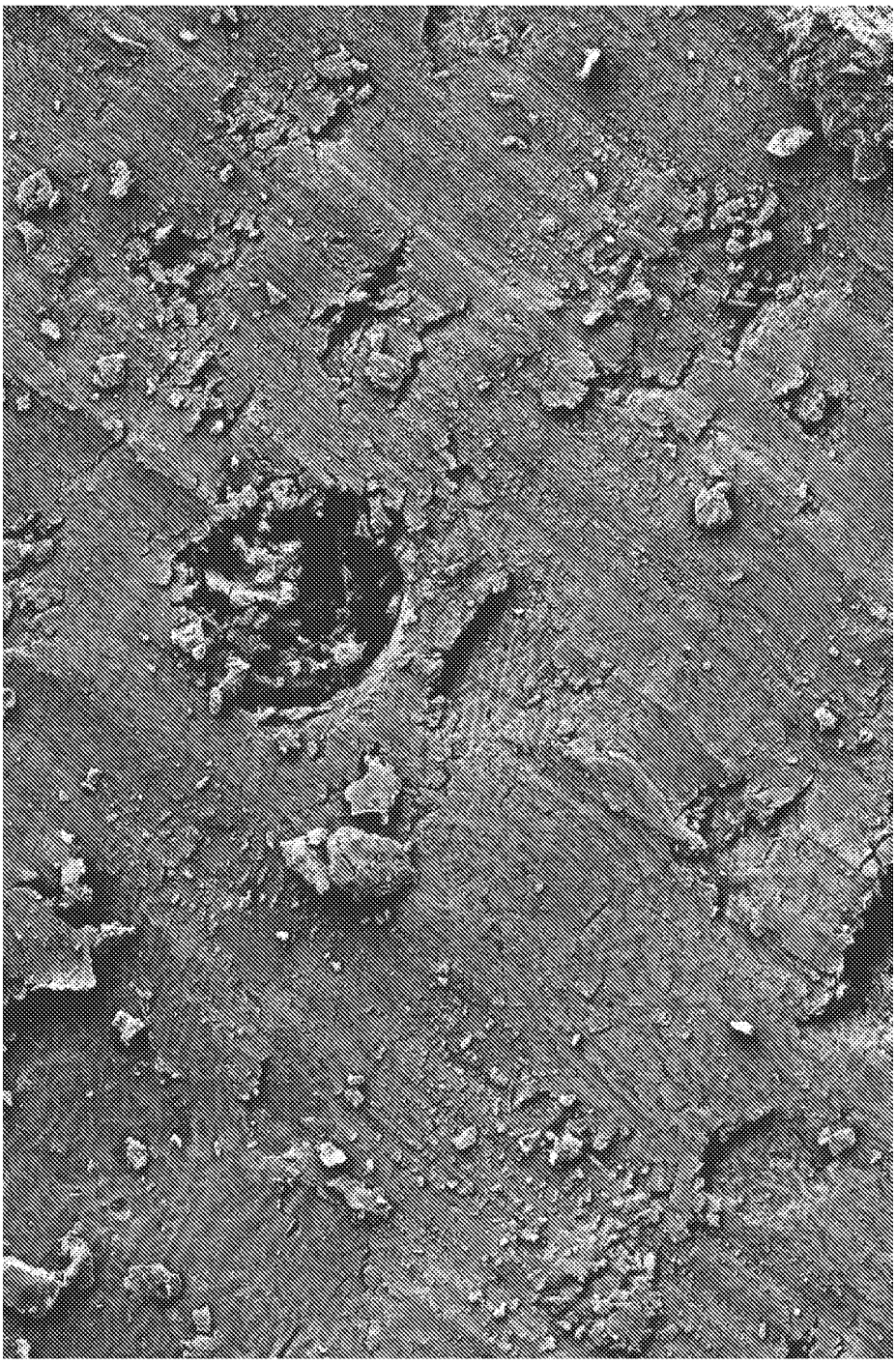


FIG. 16D

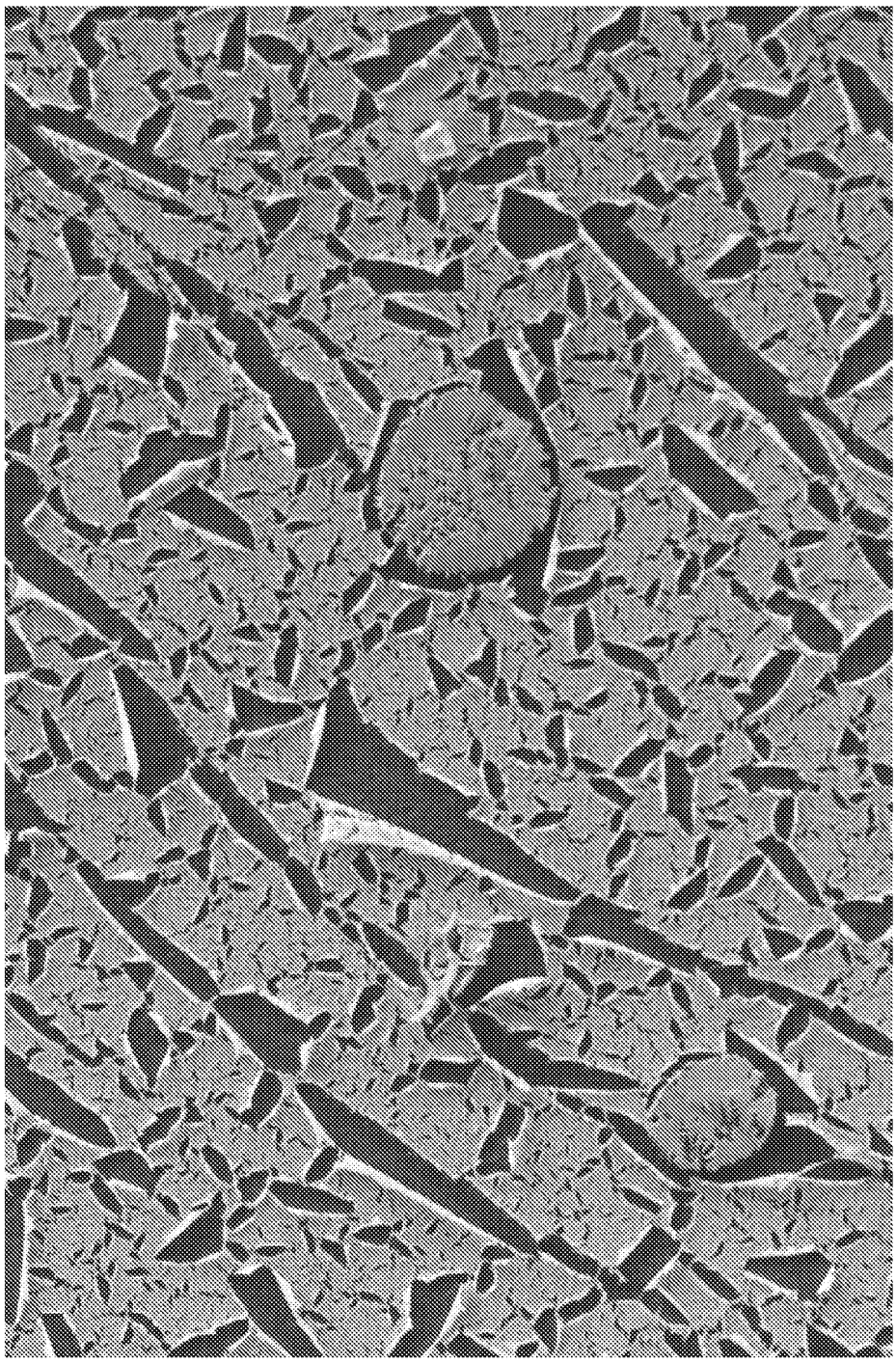


FIG. 16E

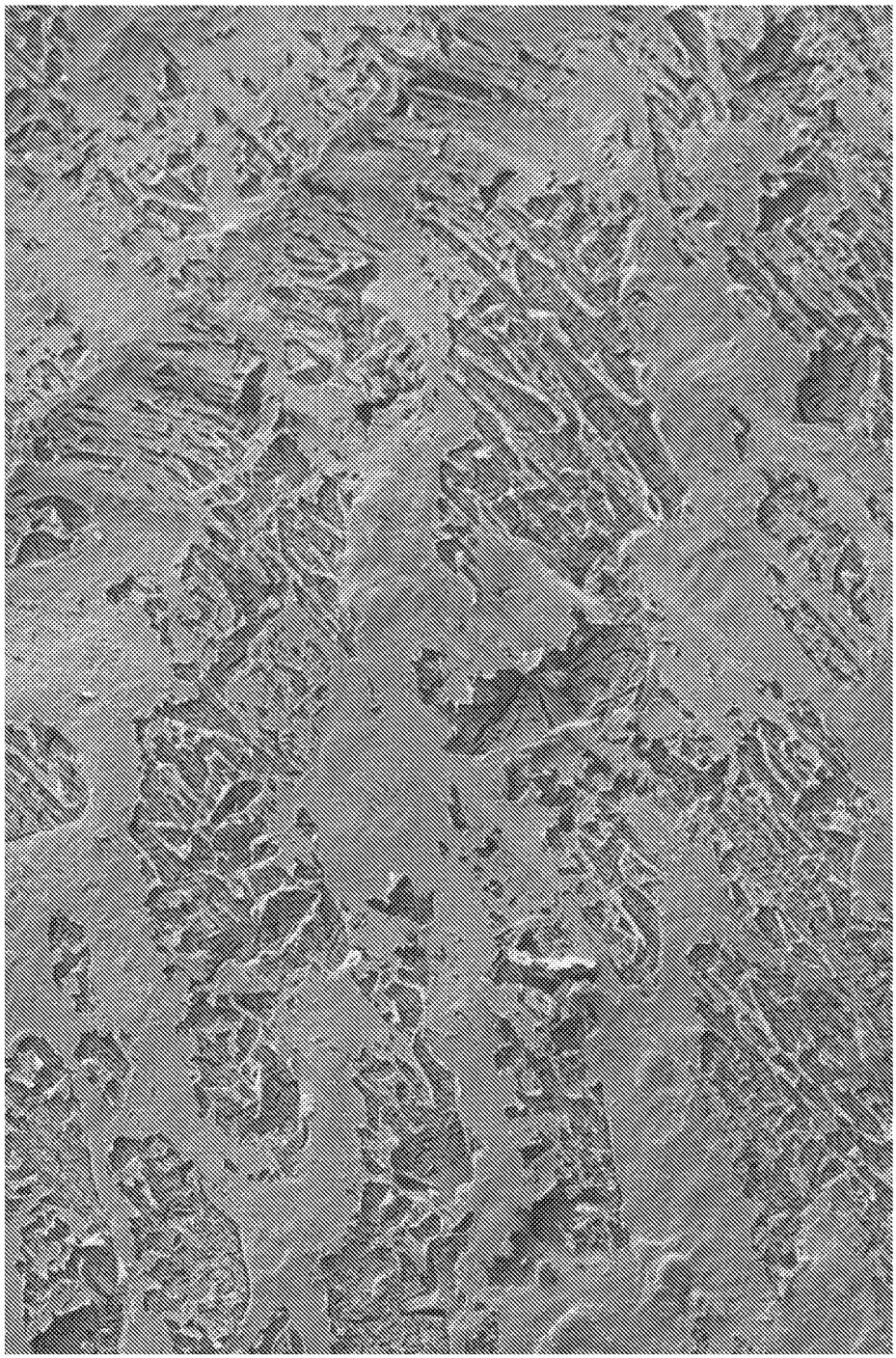


FIG. 16F

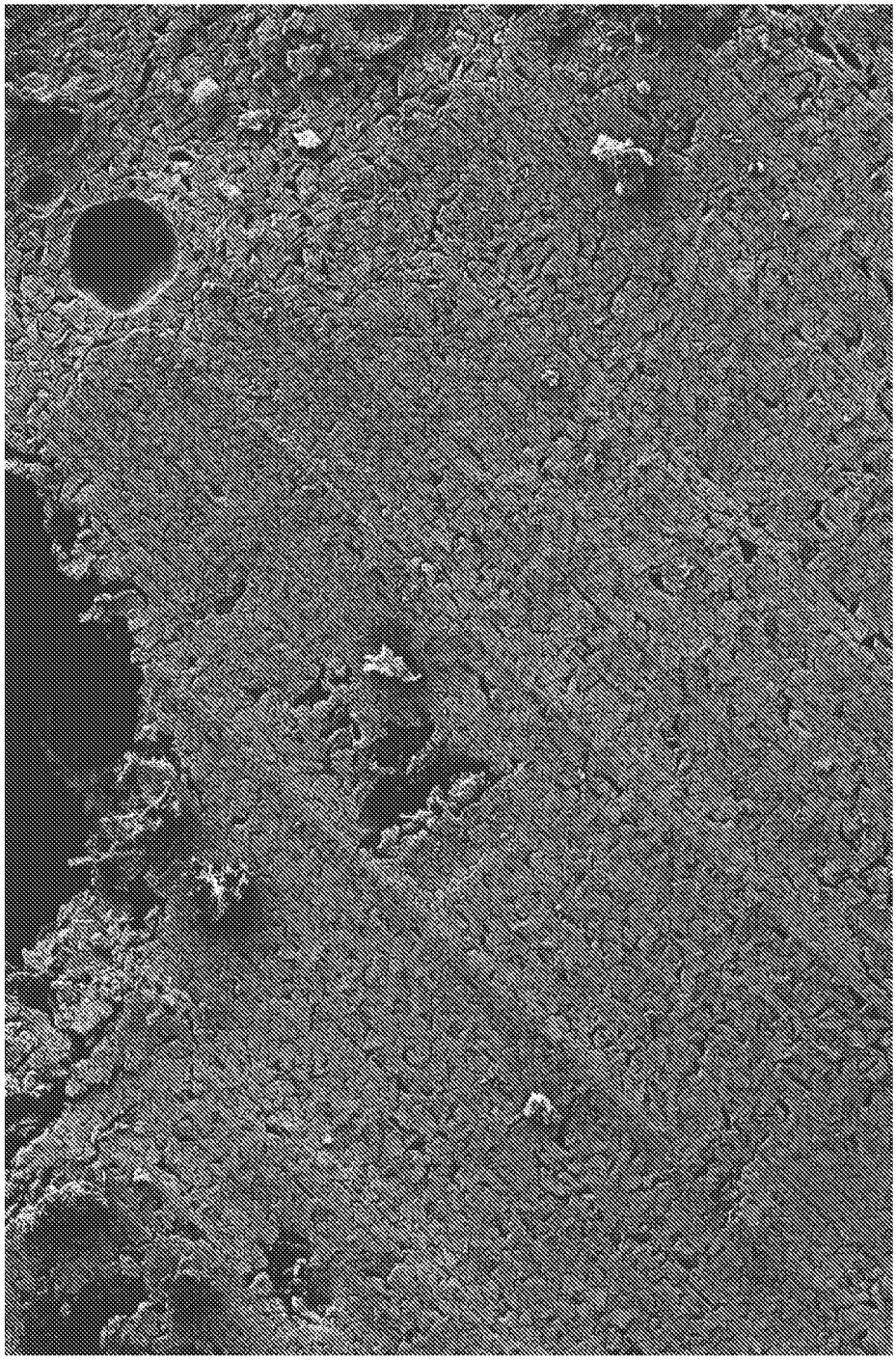


FIG. 16G



FIG. 16H



FIG. 17A



FIG. 17B

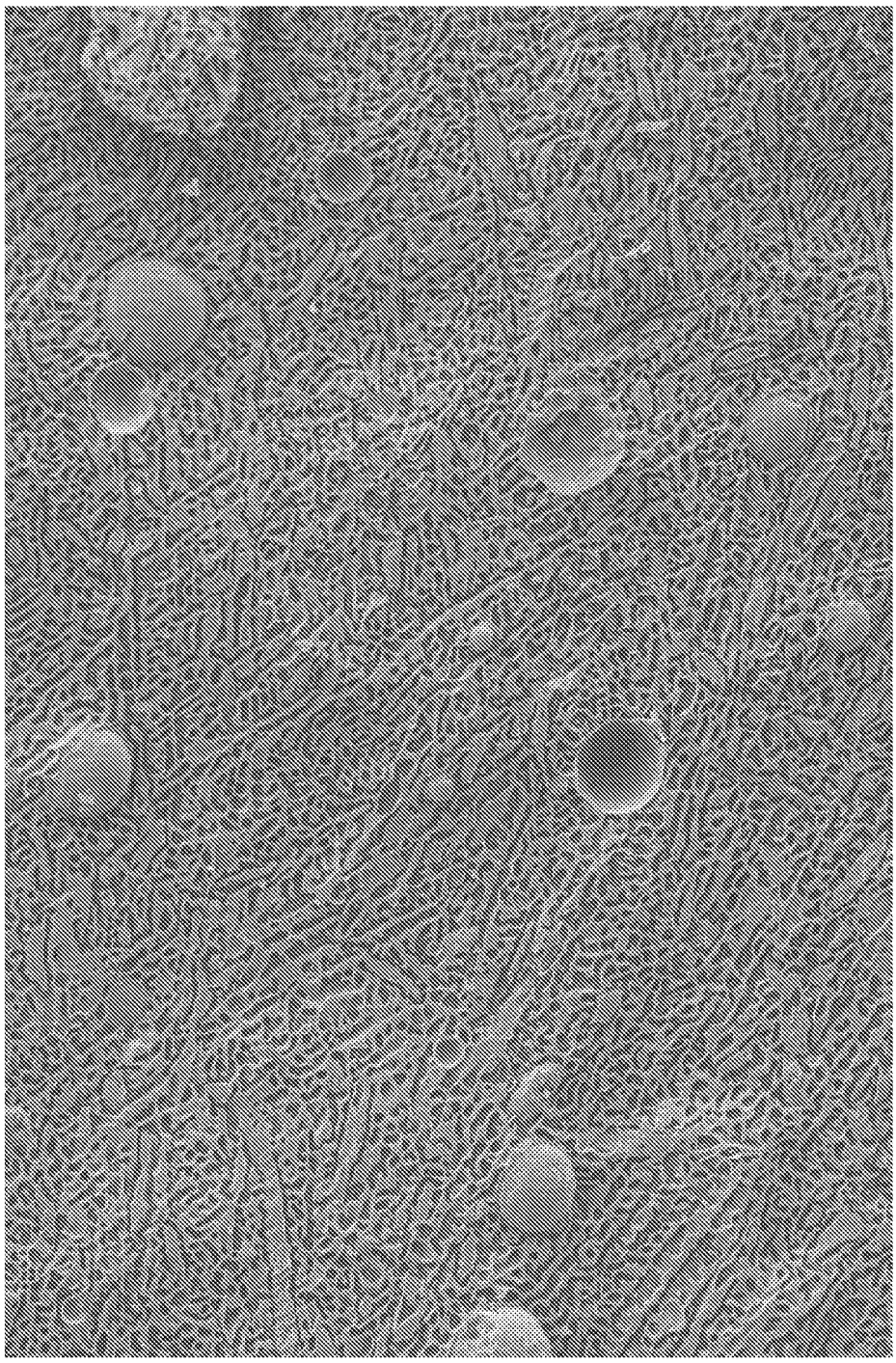


FIG. 17C

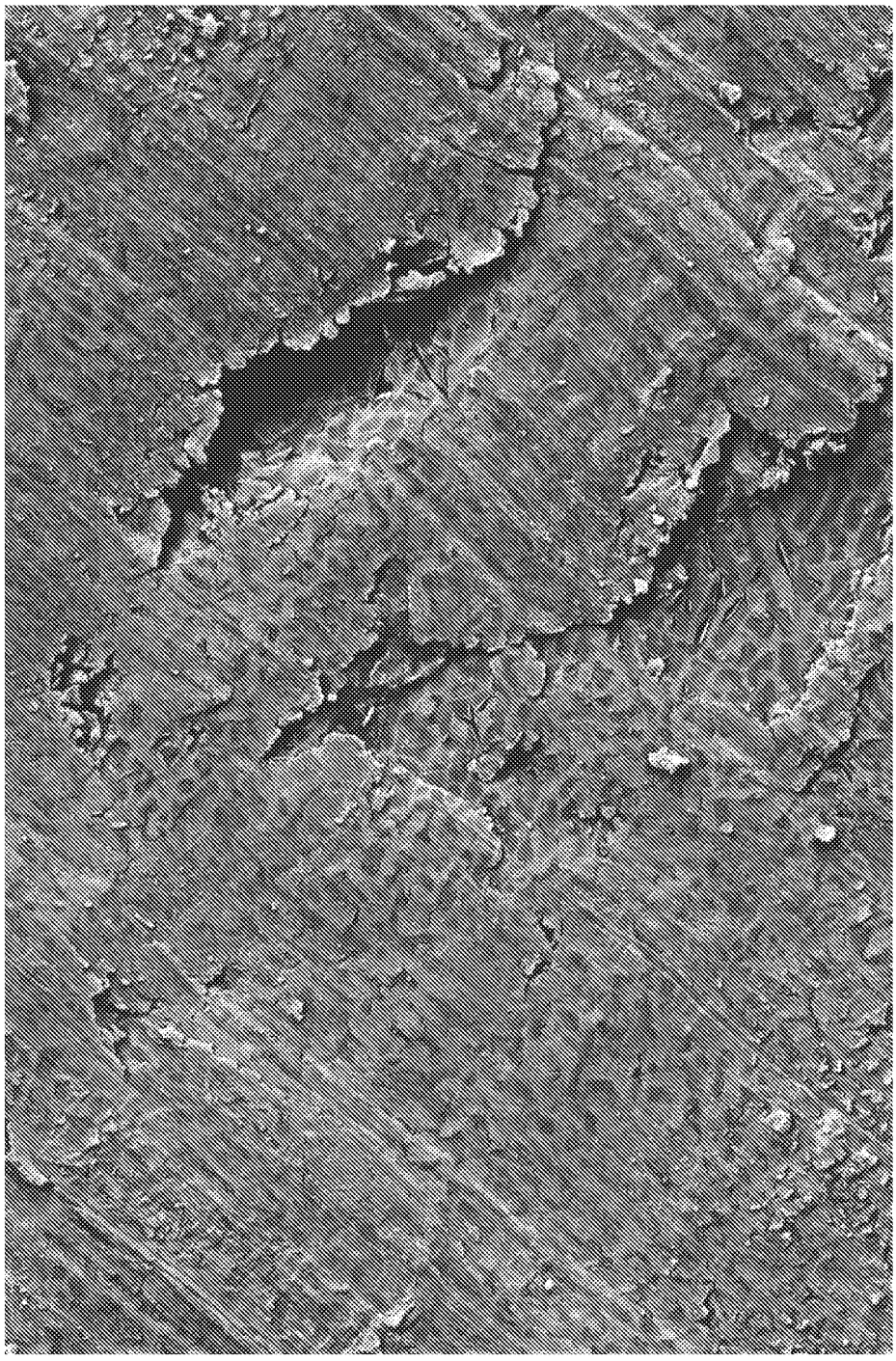


FIG. 17D

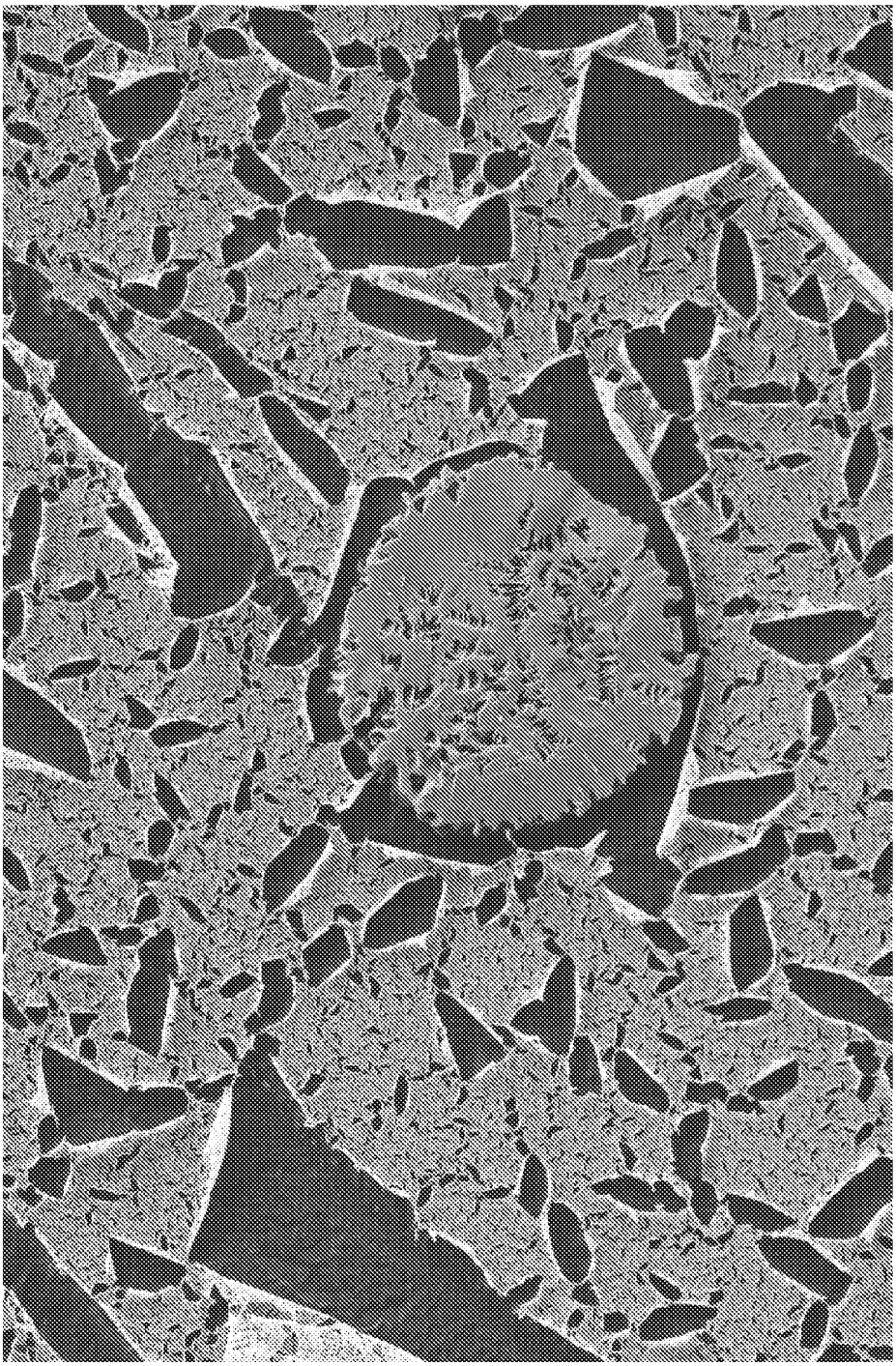


FIG. 17E

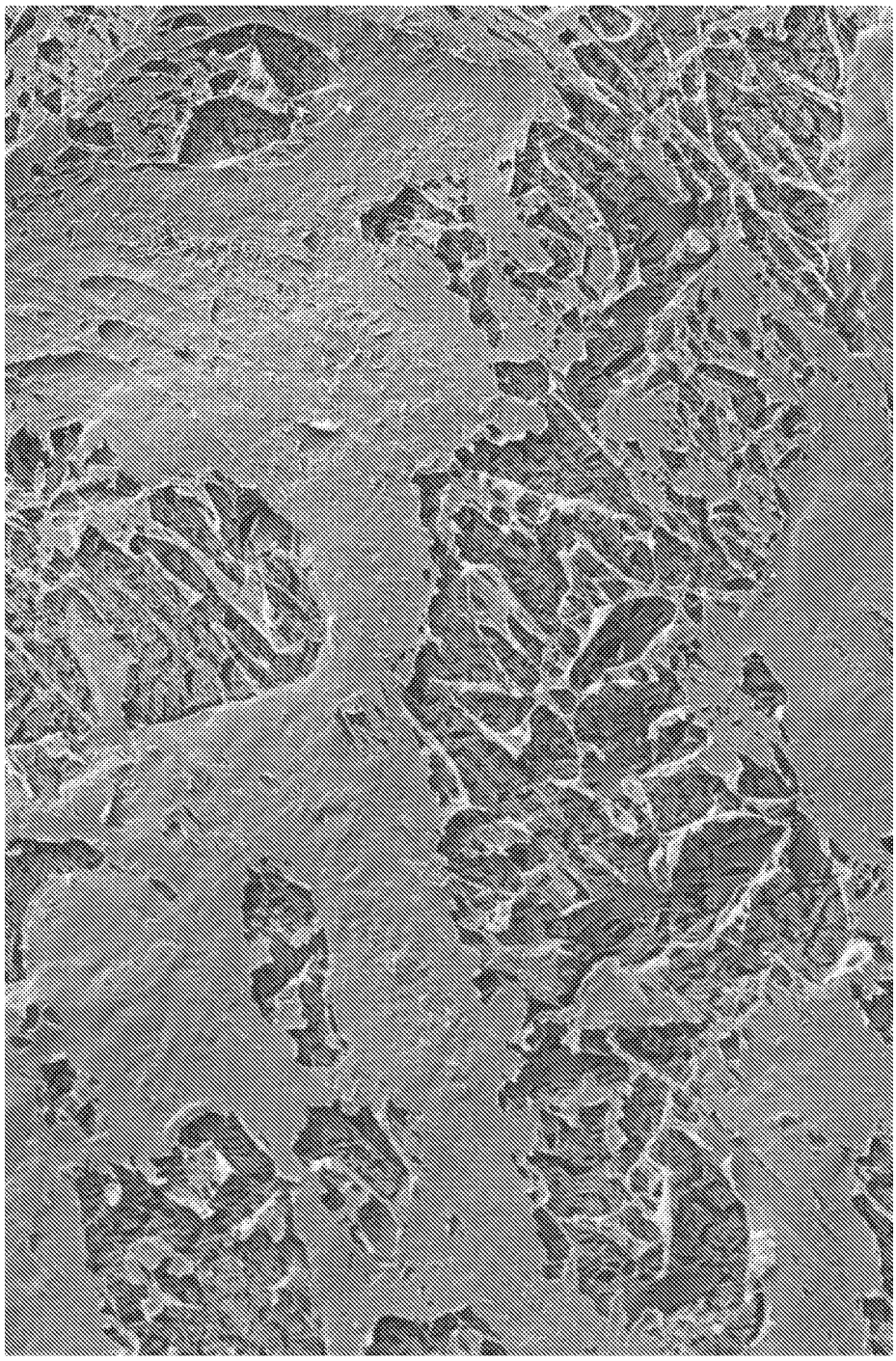


FIG. 17F

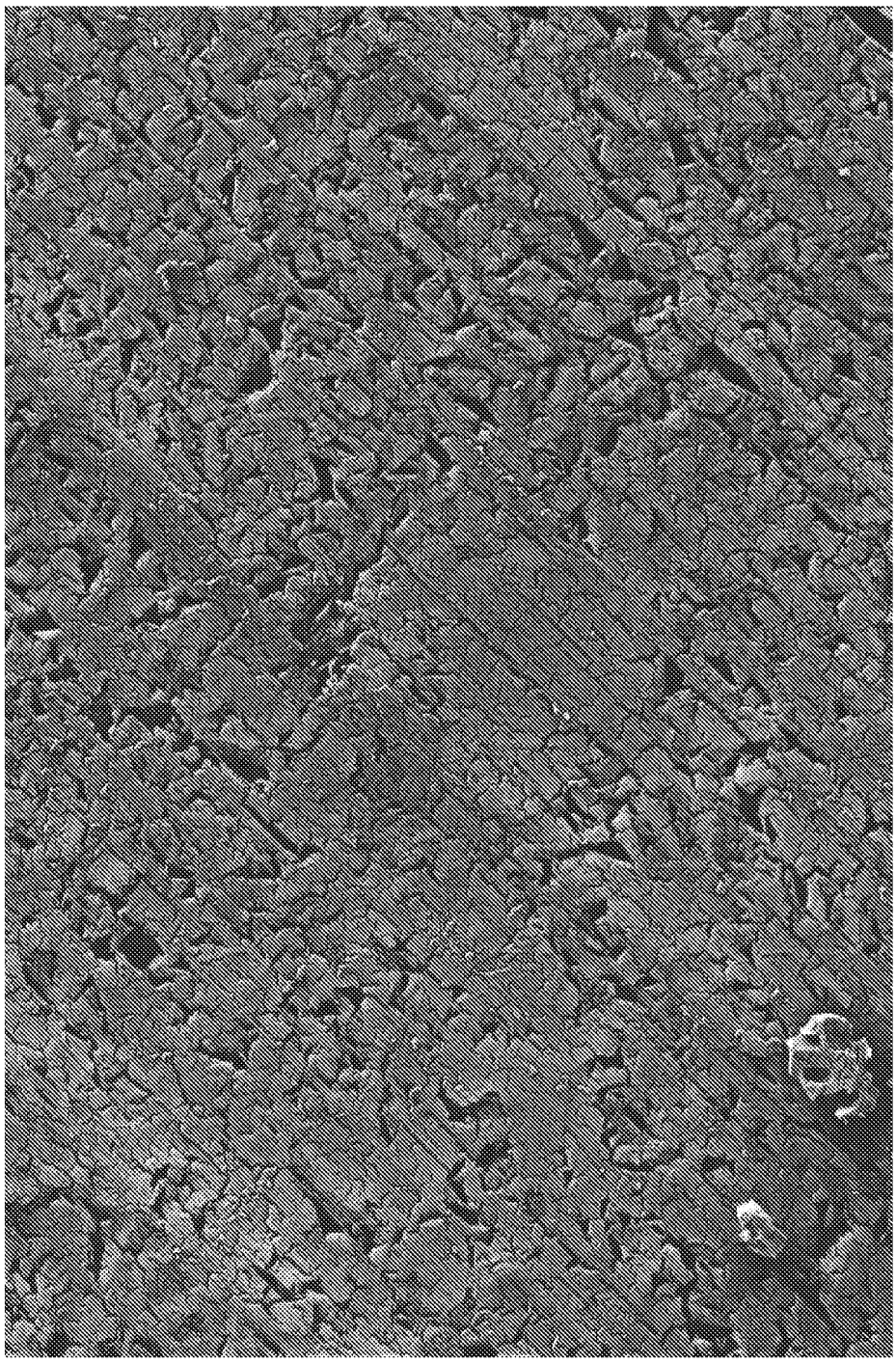


FIG. 17G

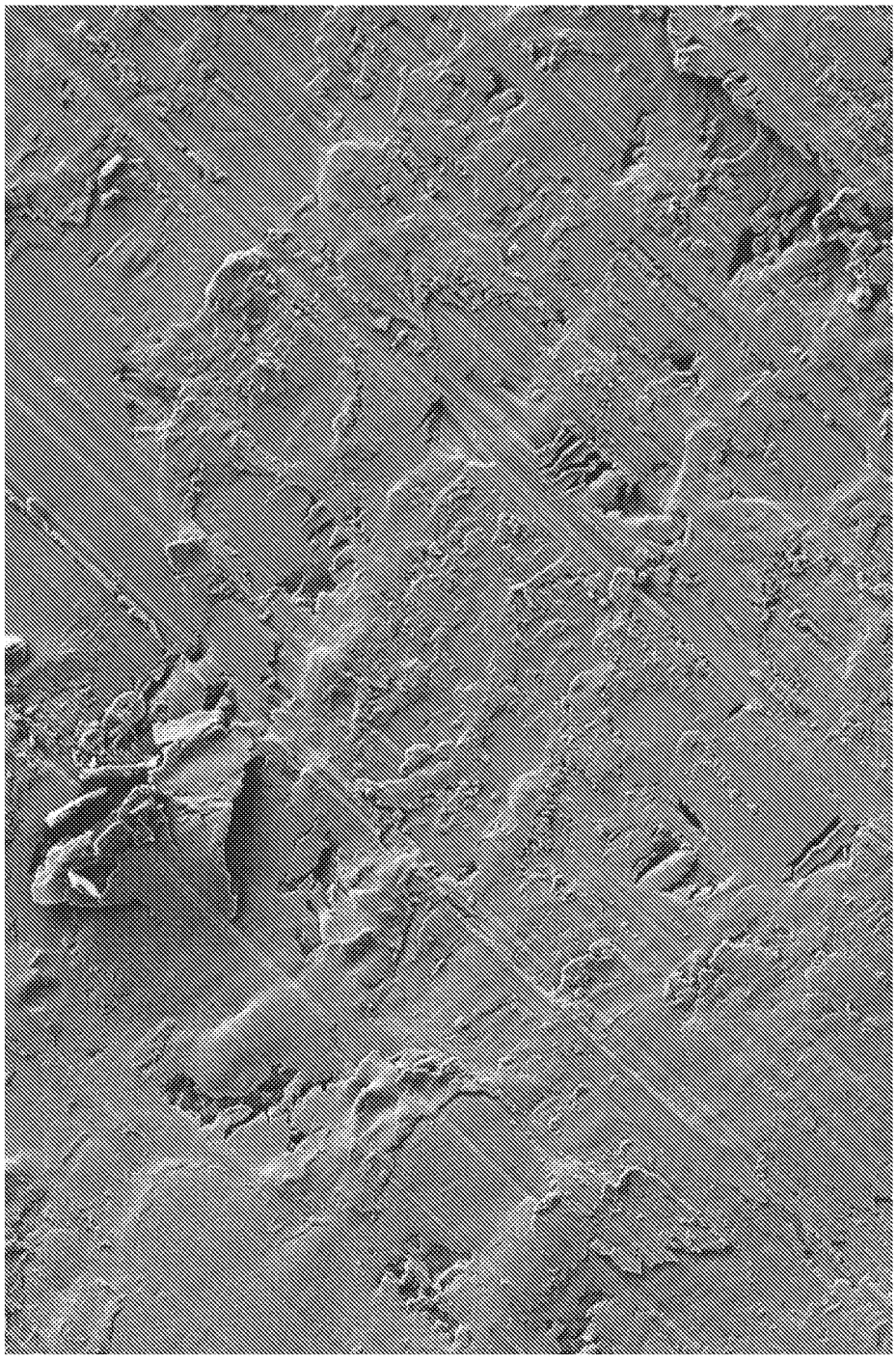


FIG. 17H

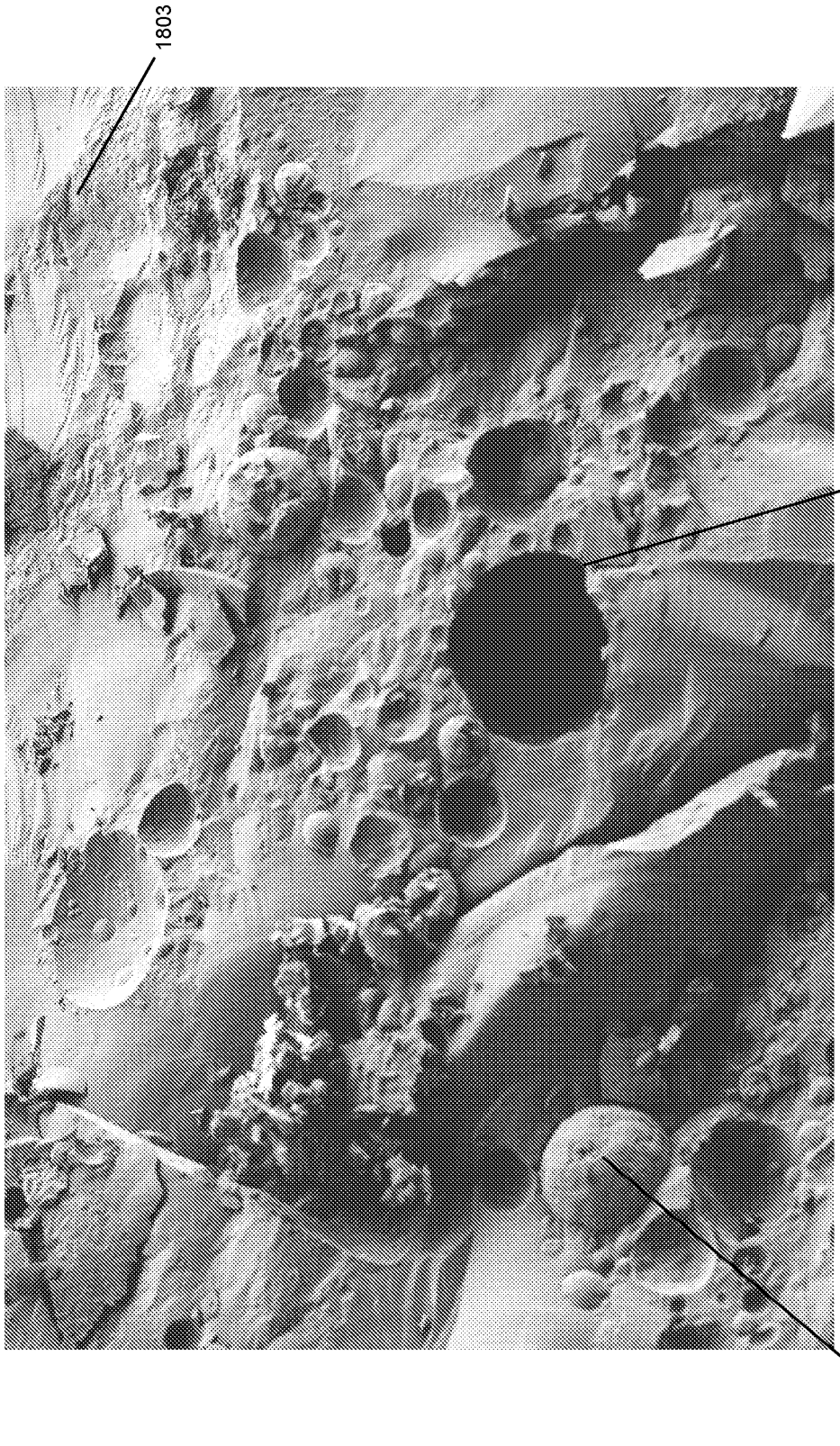


FIG. 18