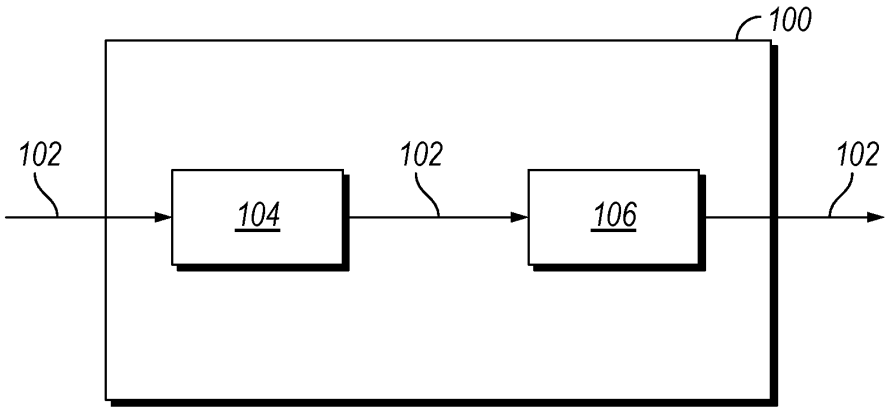

100
102
102
102
104
106

FIG. 1

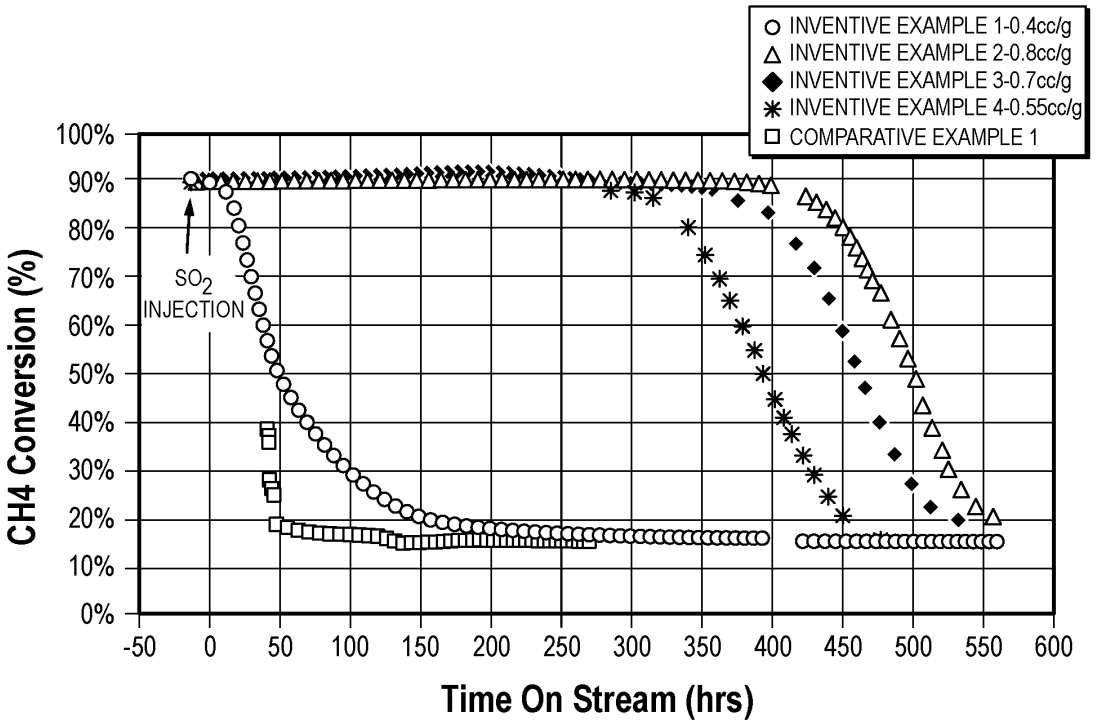

INVENTIVE EXAMPLE 1-0.4cc/g
INVENTIVE EXAMPLE 2-0.8cc/g
INVENTIVE EXAMPLE 3-0.7cc/g
INVENTIVE EXAMPLE 4-0.55cc/g
COMPARATIVE EXAMPLE 1
SO2 INJECTION
CH4 Conversion (%)
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
-50
0
50
100
150
200
250
300
350
400
450
500
550
600
Time On Stream (hrs)

FIG. 2

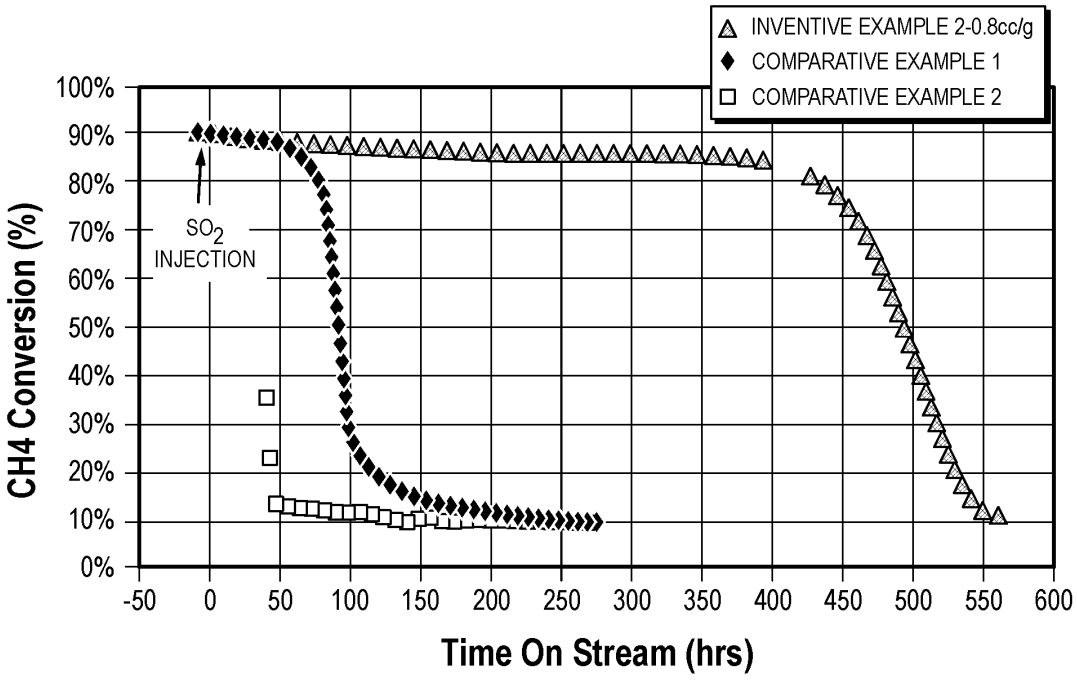

INVENTIVE EXAMPLE 2-0.8cc/g
COMPARATIVE EXAMPLE 1
COMPARATIVE EXAMPLE 2
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
CH4 Conversion (%)
SO2 INJECTION
-50
0
50
100
150
200
250
300
350
400
450
500
550
600
Time On Stream (hrs)

FIG. 3