Figure 1

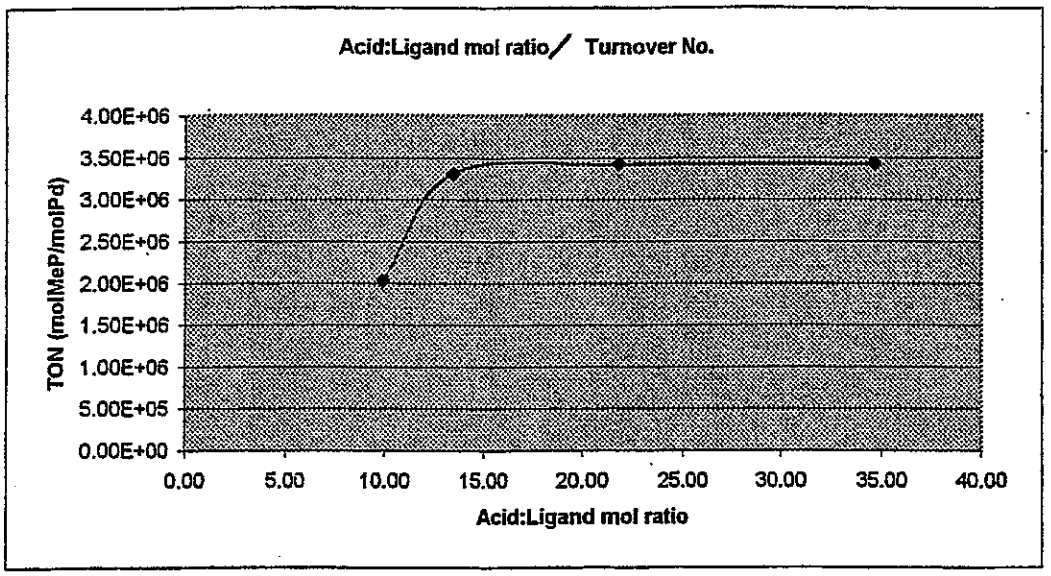

Acid:Ligand mol ratio/ Turnover No.
TON (molMeP/molPd)
4.00E+06
3.50E+06
3.00E+06
2.50E+06
2.00E+06
1.50E+06
1.00E+06
5.00E+05
0.00E+00
0.00
5.00
10.00
15.00
20.00
25.00
30.00
35.00
40.00
Acid:Ligand mol ratio

Figure 2

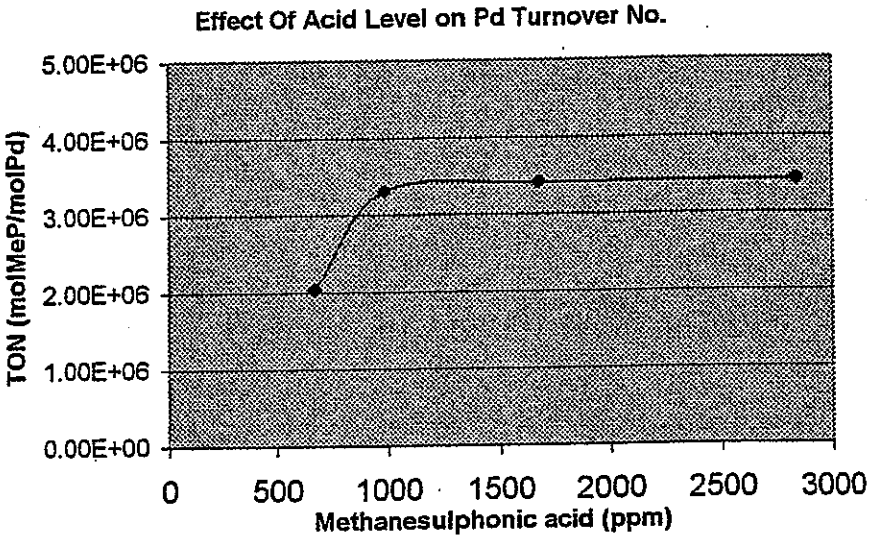
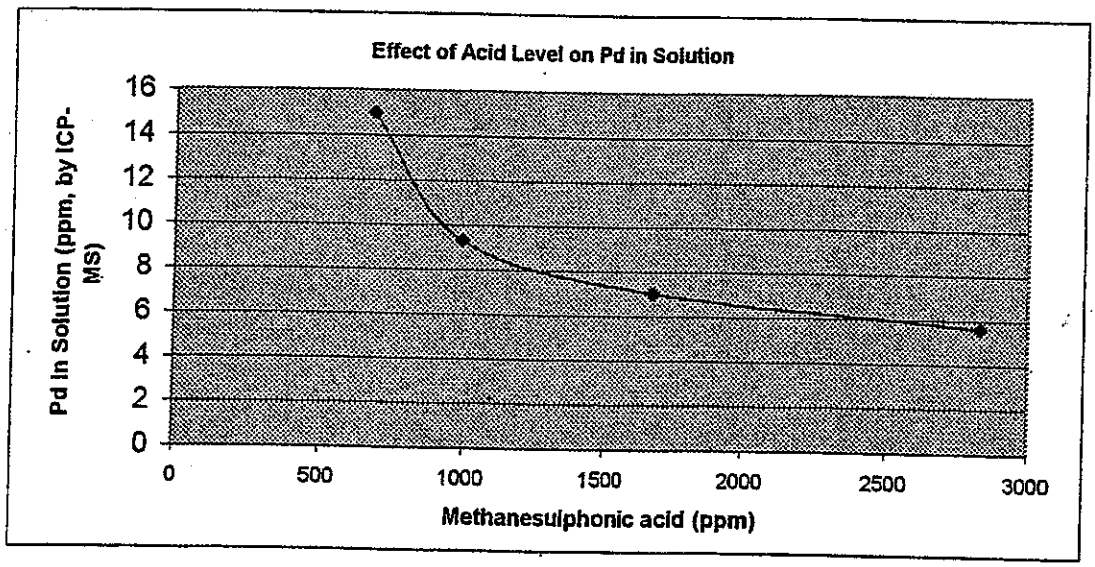

Effect Of Acid Level on Pd Turnover No.
TON (molMeP/molPd)
5.00E+06
4.00E+06
3.00E+06
2.00E+06
1.00E+06
0.00E+00
0
500
1000
1500
2000
2500
3000
Methanesulphonic acid (ppm)

Figure 3


Effect of Acid Level on Pd in Solution
Pd in Solution (ppm, by ICP-MS)
16
14
12
10
8
6
4
2
0
0
500
1000
1500
2000
2500
3000
Methanesulphonic acid (ppm)