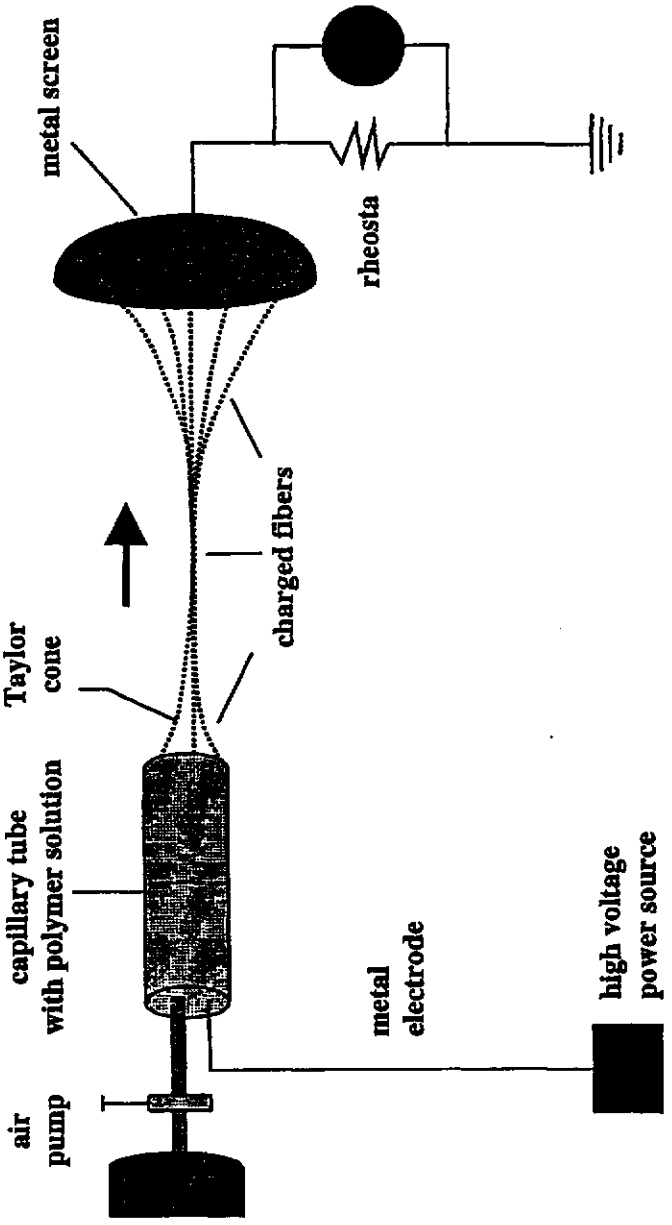

metal screen
rheosta
charged fibers
Taylor cone
capillary tube with polymer solution
metal electrode
high voltage power source
air pump

Figure 1

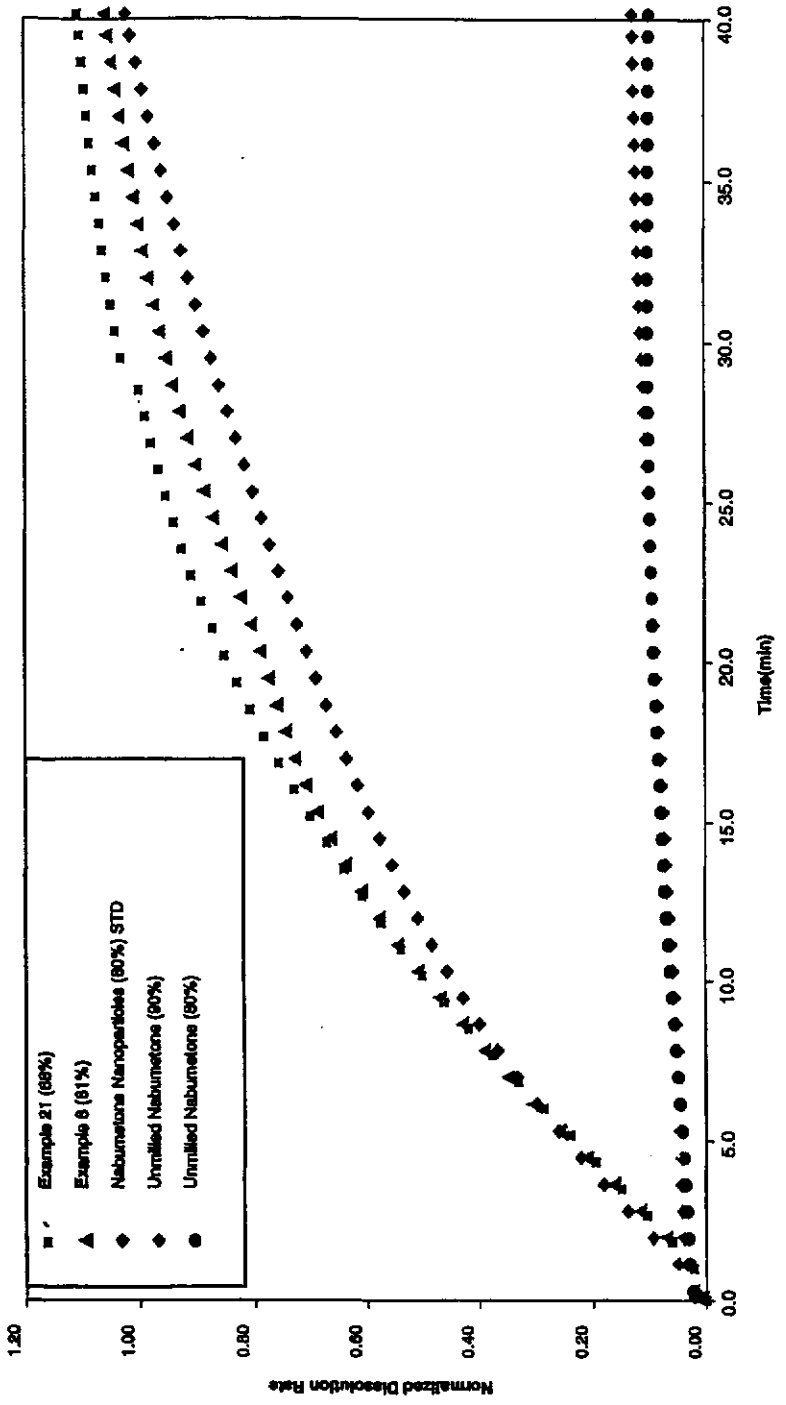

Dissolution Data of Nabumetone Fibers
Example 21 (68%)
Example 6 (81%)
Nabumetone Nanoparticles (80%) STD
Unmilled Nabumetone (90%)
Unmilled Nabumetone (80%)
Normalized Dissolution Rate
Time(min)
0.00
0.20
0.40
0.60
0.80
1.00
1.20
0.0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0

Figure 2

SEM of PolyOx fibers containing 60 (w/w) % Nabumetone

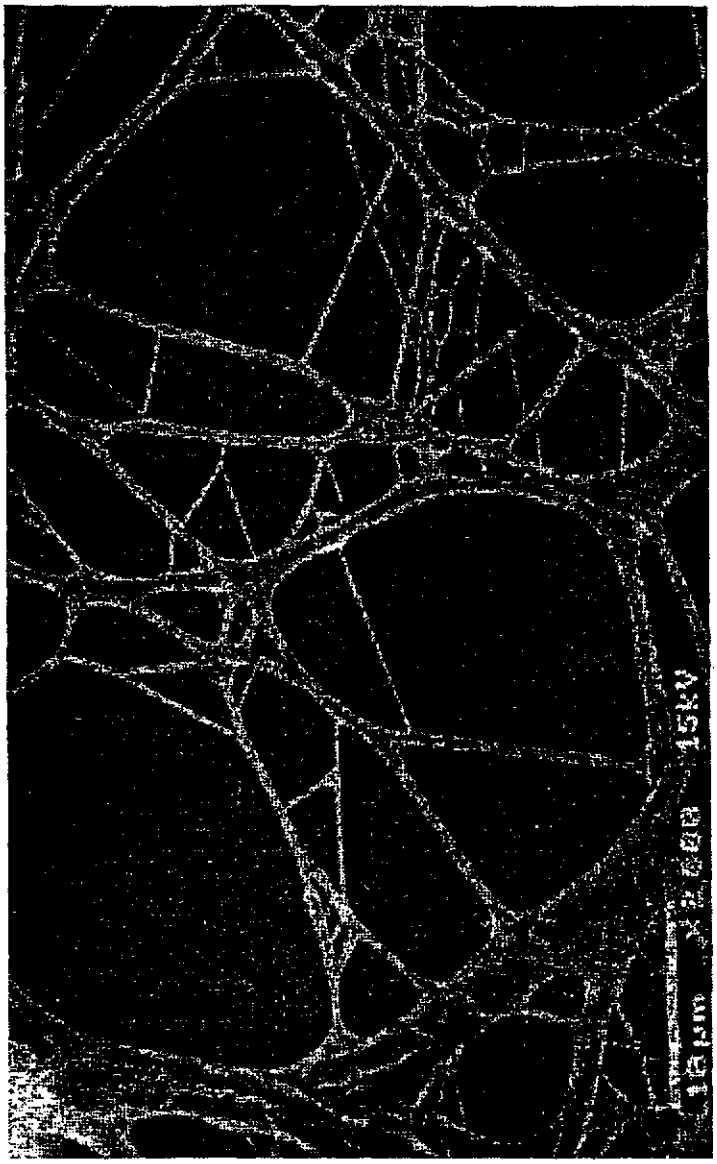


Figure 3