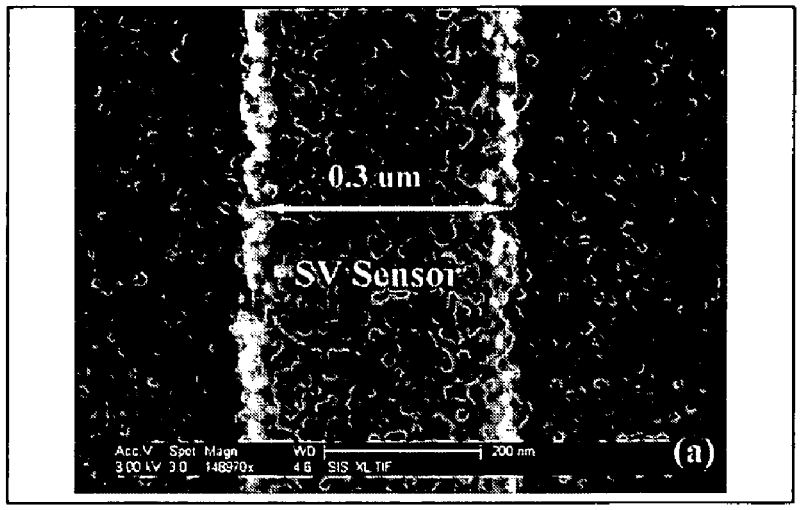
0.3 um
SV Sensor
(a)

FIG. 3A

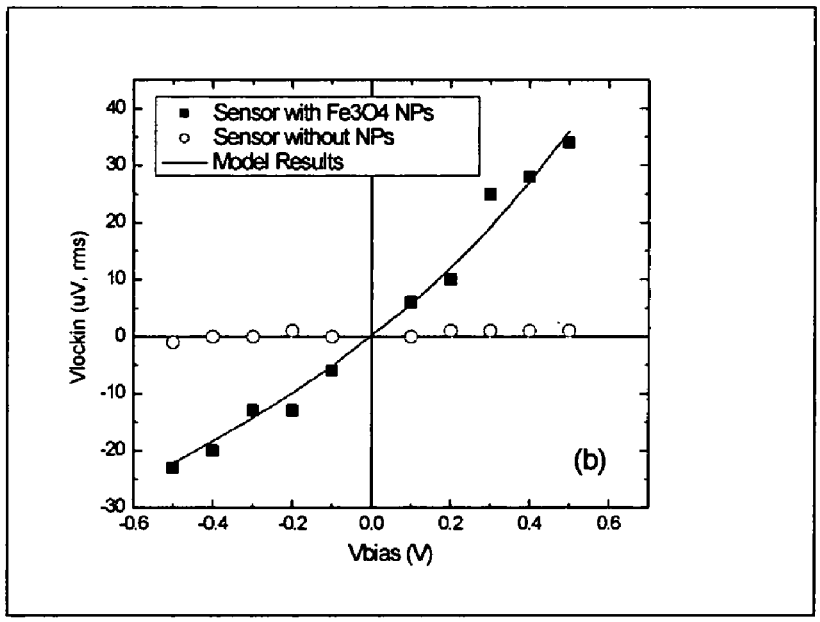
Sensor with Fe3O4 NPs
Sensor without NPs
Model Results
Vlockin (uV, rms)
Vbias (V)
(b)
40
30
20
10
0
-10
-20
-30
-0.6
-0.4
-0.2
0.0
0.2
0.4
0.6

FIG. 3B