

## **BIT-RUN NOMINAL SEAT PROTECTOR AND METHOD OF OPERATING SAME**

### **Abstract**

A drilling system employs a set of bushings 30, 32, 34 that protect seats 14, 20, 24 used for casing hangers. The system includes one or more seat protectors 30, 32, 34 that attach to a running tool 52. The running tool 52 is lowered down the wellbore with the seat protectors 30, 32, 34 attached and deposits a bushing at each surface to be protected. The running tool 52 may retrieve the bushings 30, 32, 34 as the running tool 52 is withdrawn from the wellbore.

[ Figure.4 ]