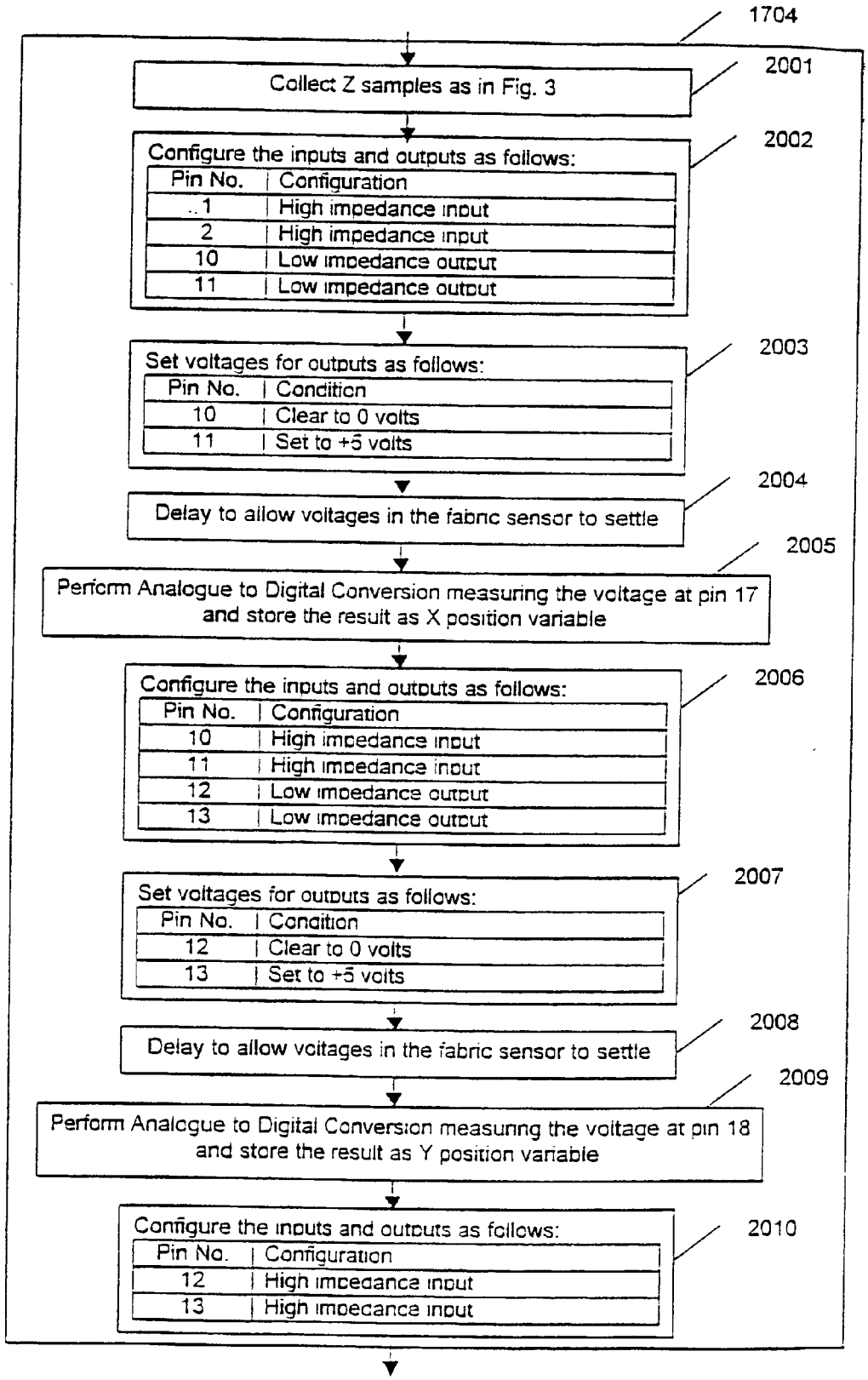
1704
2001
Collect Z samples as in Fig. 3
2002
Configure the inputs and outputs as follows:
Pin No. | Configuration
1 | High impedance input
2 | High impedance input
10 | Low impedance output
11 | Low impedance output
2003
Set voltages for outputs as follows:
Pin No. | Condition
10 | Clear to 0 volts
11 | Set to +5 volts
2004
Delay to allow voltages in the fabric sensor to settle
2005
Perform Analogue to Digital Conversion measuring the voltage at pin 17 and store the result as X position variable
2006
Configure the inputs and outputs as follows:
Pin No. | Configuration
10 | High impedance input
11 | High impedance input
12 | Low impedance output
13 | Low impedance output
2007
Set voltages for outputs as follows:
Pin No. | Condition
12 | Clear to 0 volts
13 | Set to +5 volts
2008
Delay to allow voltages in the fabric sensor to settle
2009
Perform Analogue to Digital Conversion measuring the voltage at pin 18 and store the result as Y position variable
2010
Configure the inputs and outputs as follows:
Pin No. | Configuration
12 | High impedance input
13 | High impedance input

Figure 20