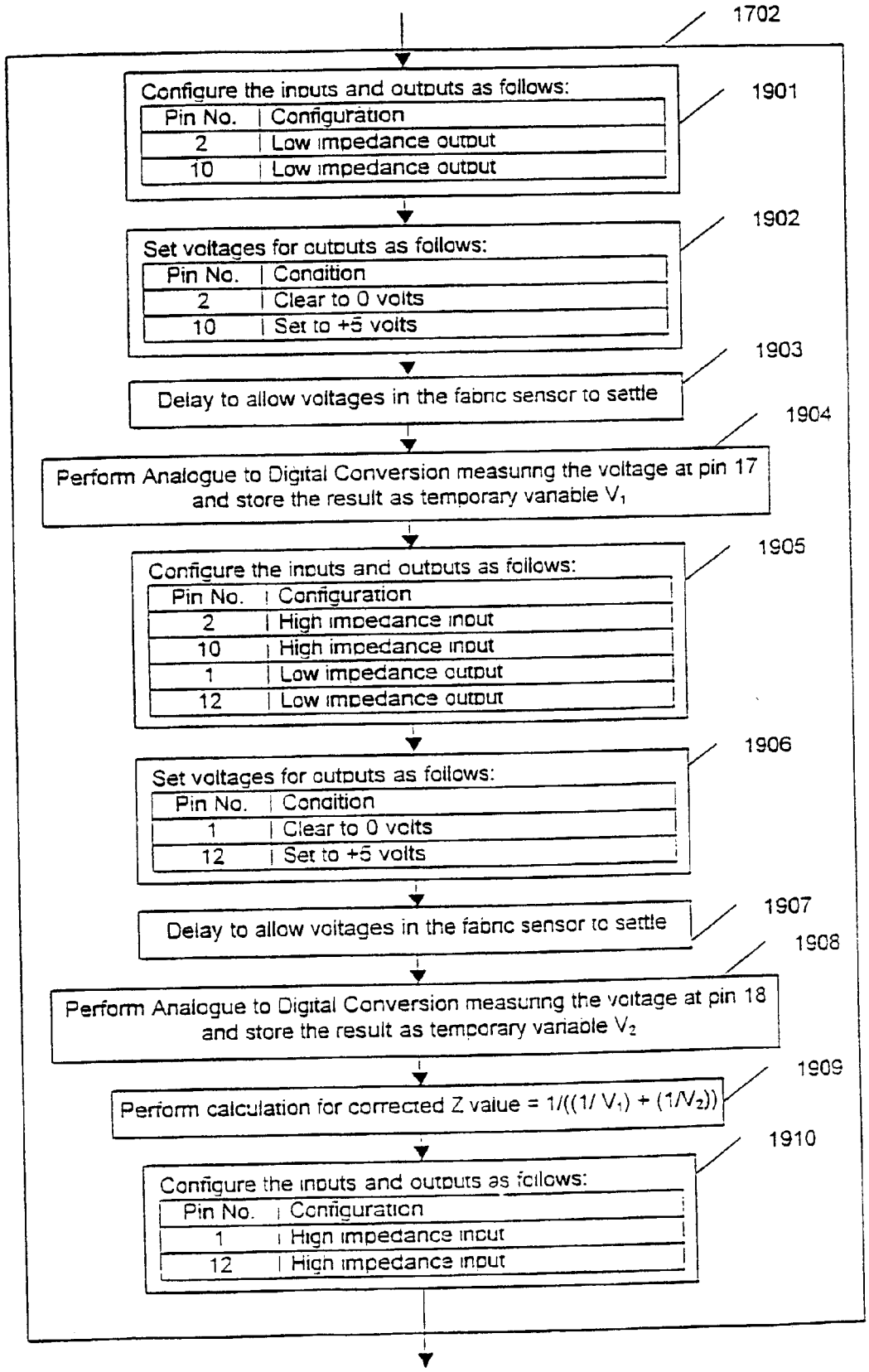
1702
Configure the inputs and outputs as follows:
Pin No. | Configuration
2 | Low impedance output
10 | Low impedance output
1901
Set voltages for outputs as follows:
Pin No. | Condition
2 | Clear to 0 volts
10 | Set to +5 volts
1902
Delay to allow voltages in the fabric sensor to settle
1903
Perform Analogue to Digital Conversion measuring the voltage at pin 17 and store the result as temporary variable V1
1904
Configure the inputs and outputs as follows:
Pin No. | Configuration
2 | High impedance input
10 | High impedance input
1 | Low impedance output
12 | Low impedance output
1905
Set voltages for outputs as follows:
Pin No. | Condition
1 | Clear to 0 volts
12 | Set to +5 volts
1906
Delay to allow voltages in the fabric sensor to settle
1907
Perform Analogue to Digital Conversion measuring the voltage at pin 18 and store the result as temporary variable V2
1908
Perform calculation for corrected Z value = 1/((1/ V1) + (1/V2))
1909
Configure the inputs and outputs as follows:
Pin No. | Configuration
1 | High impedance input
12 | High impedance input
1910

Figure 19