

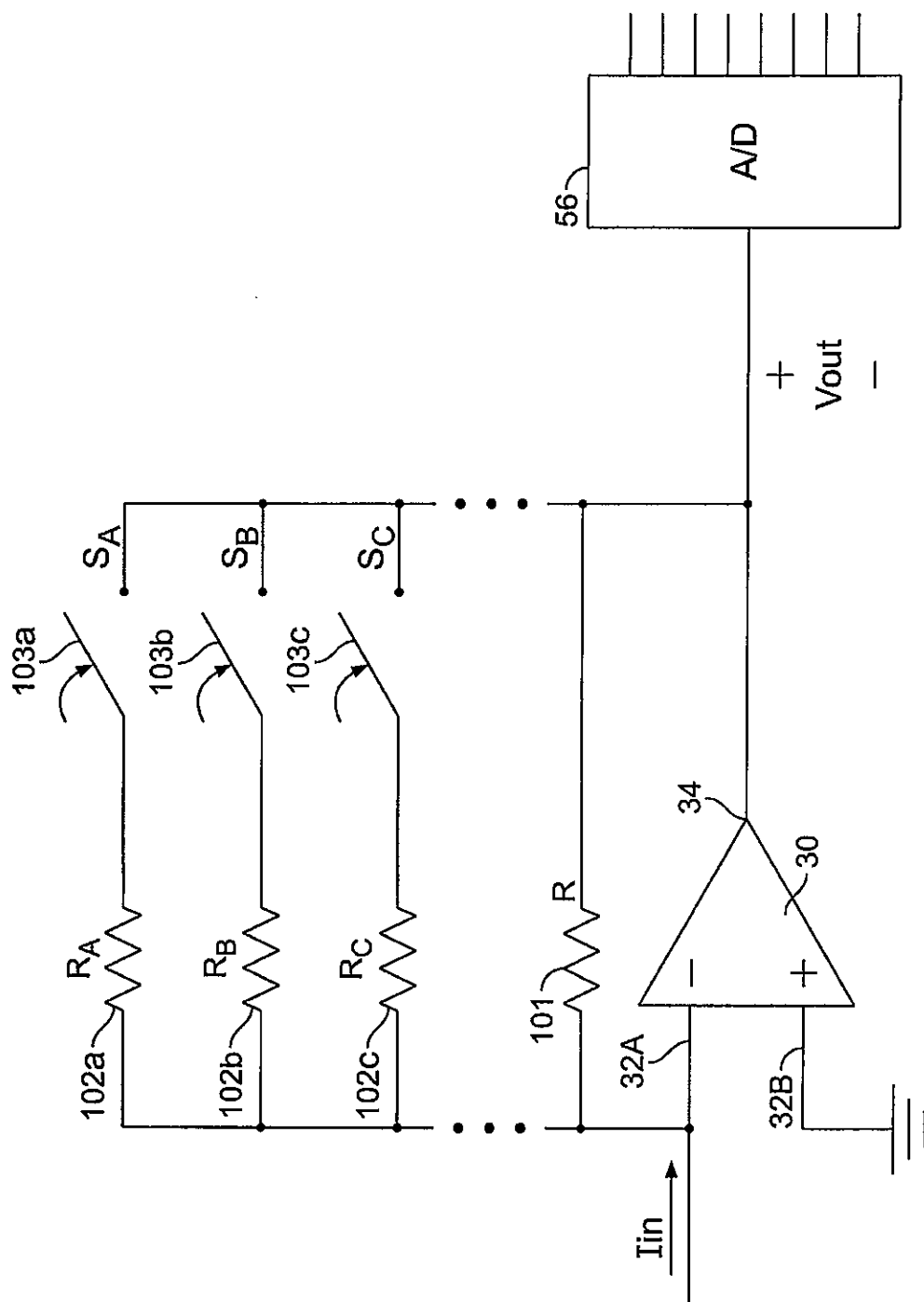


FIG. 1
(Prior Art)

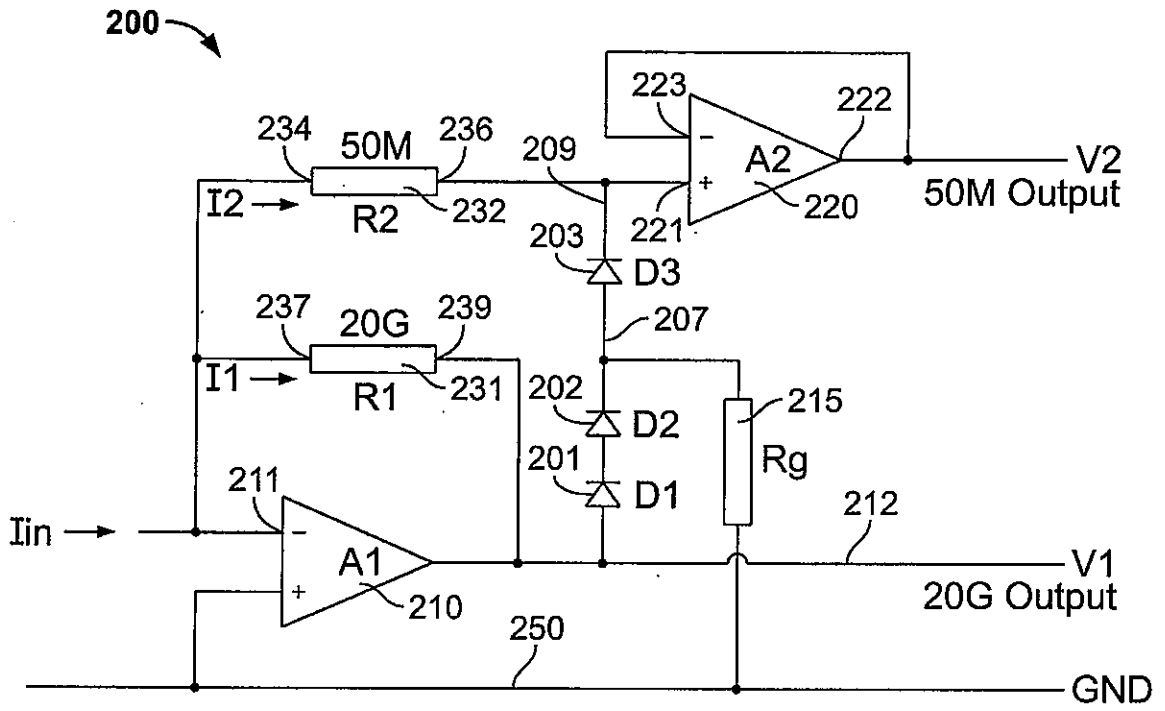


FIG. 2A

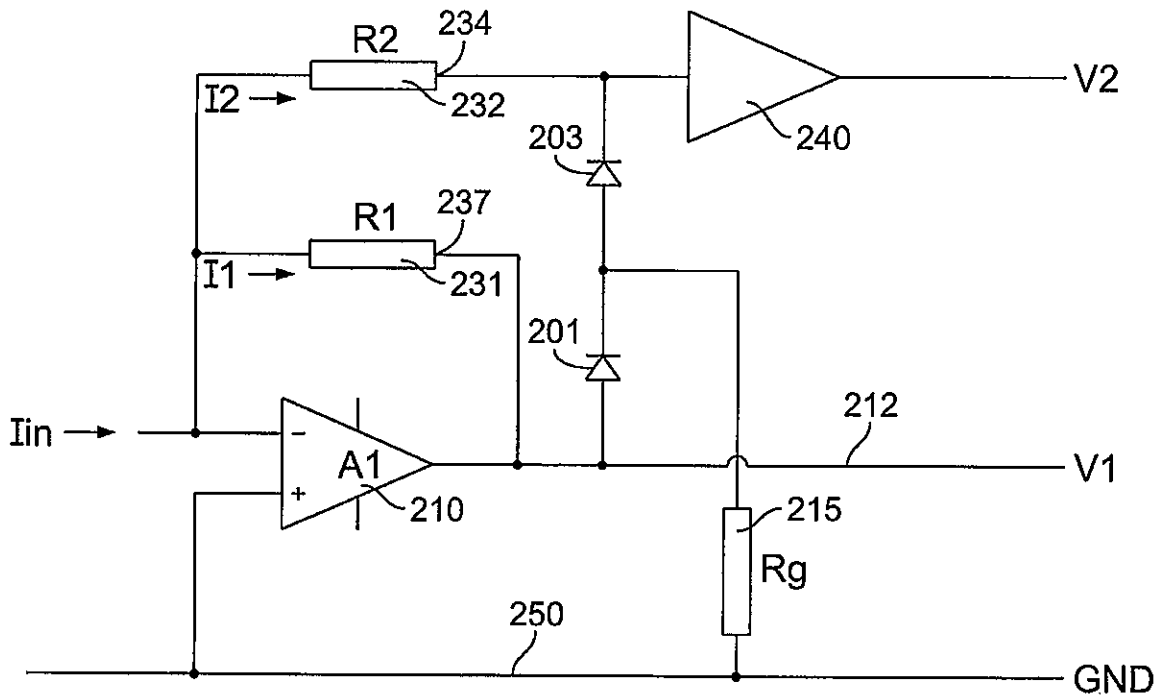


FIG. 2B

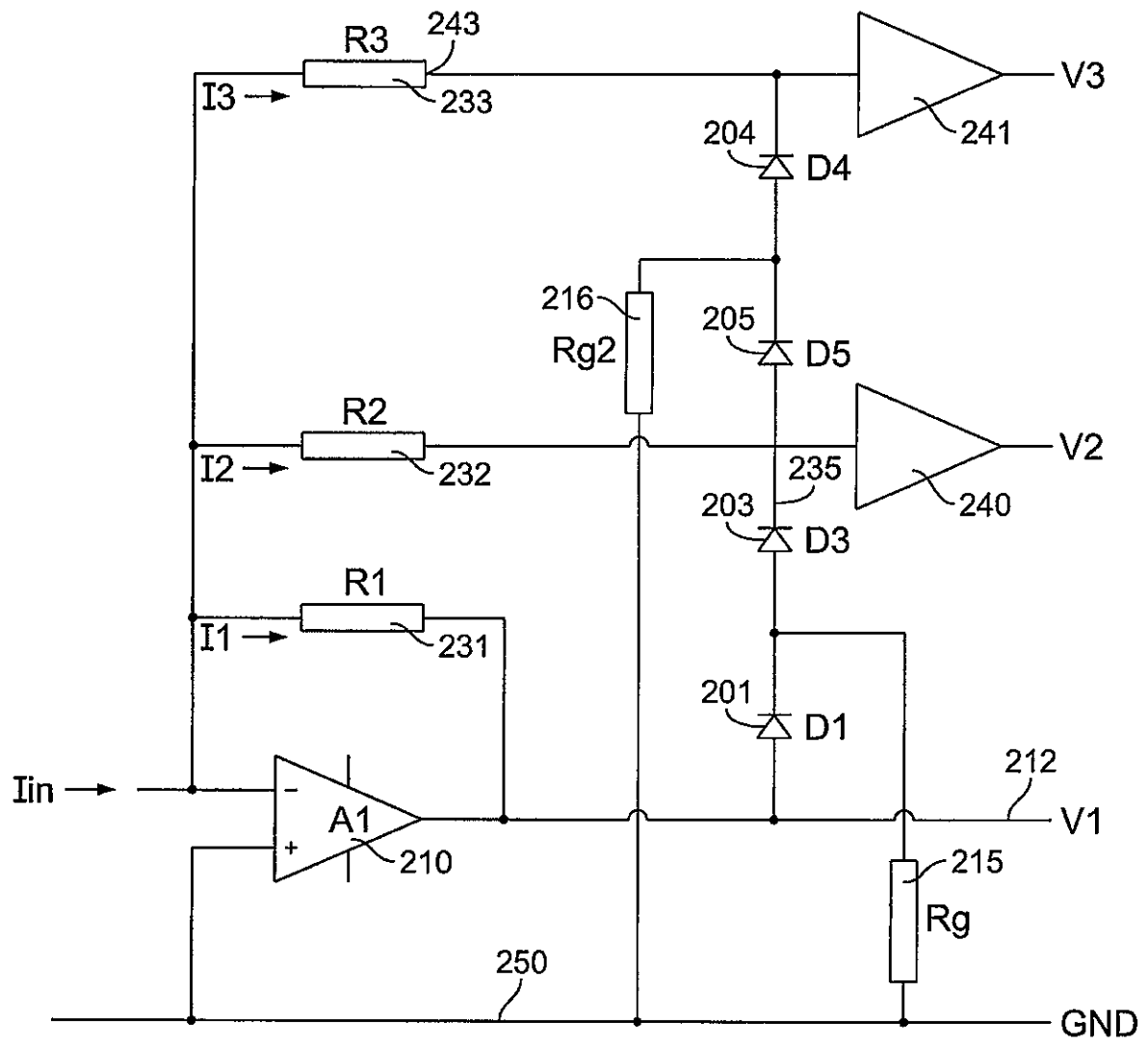


FIG. 2C

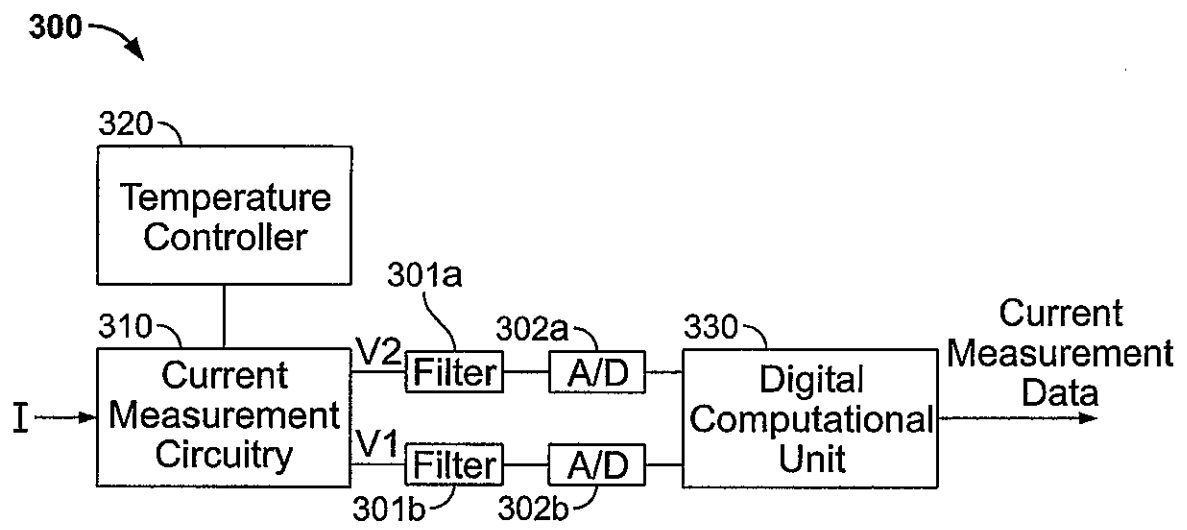


FIG. 3

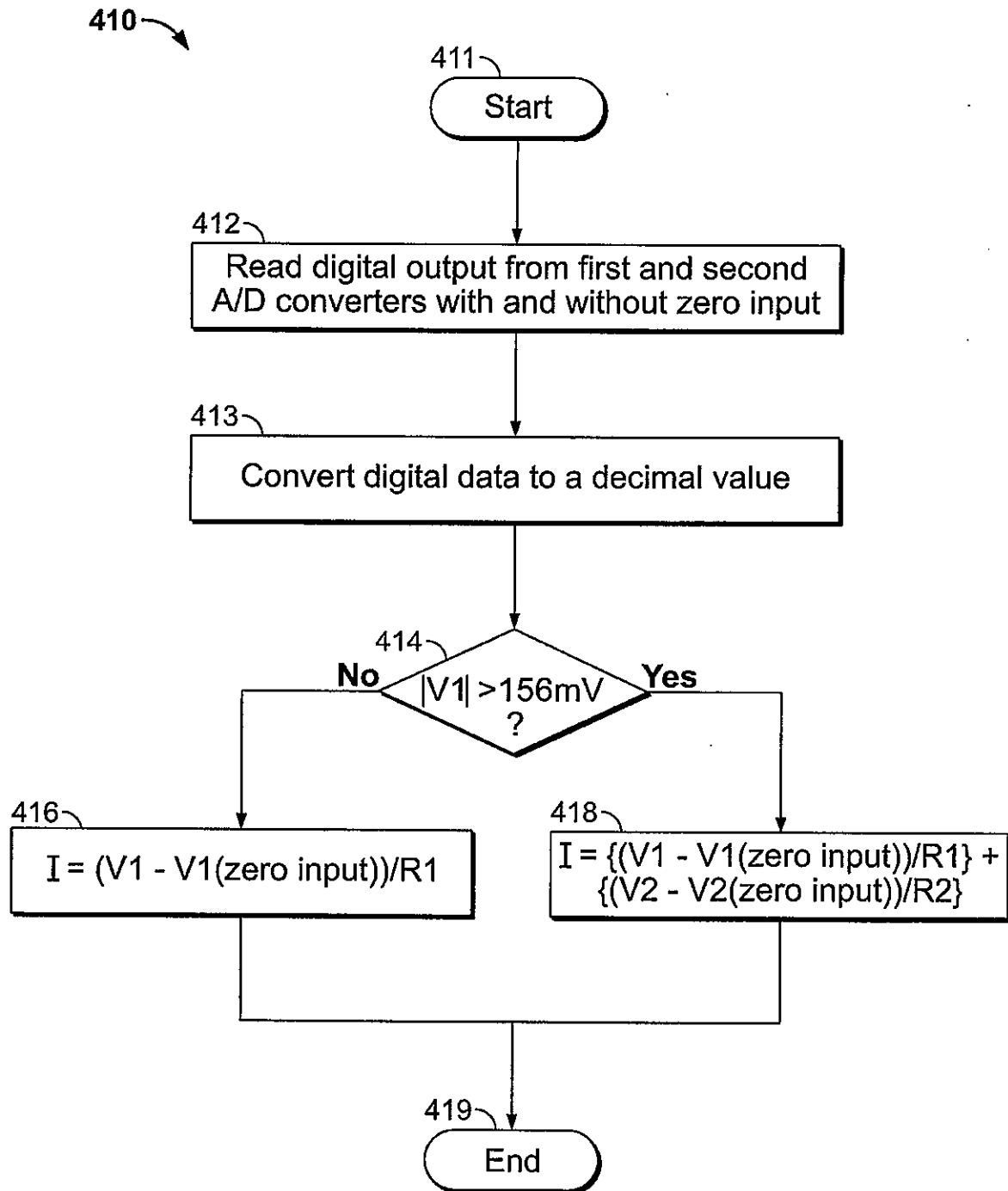


FIG. 4

Electrometer

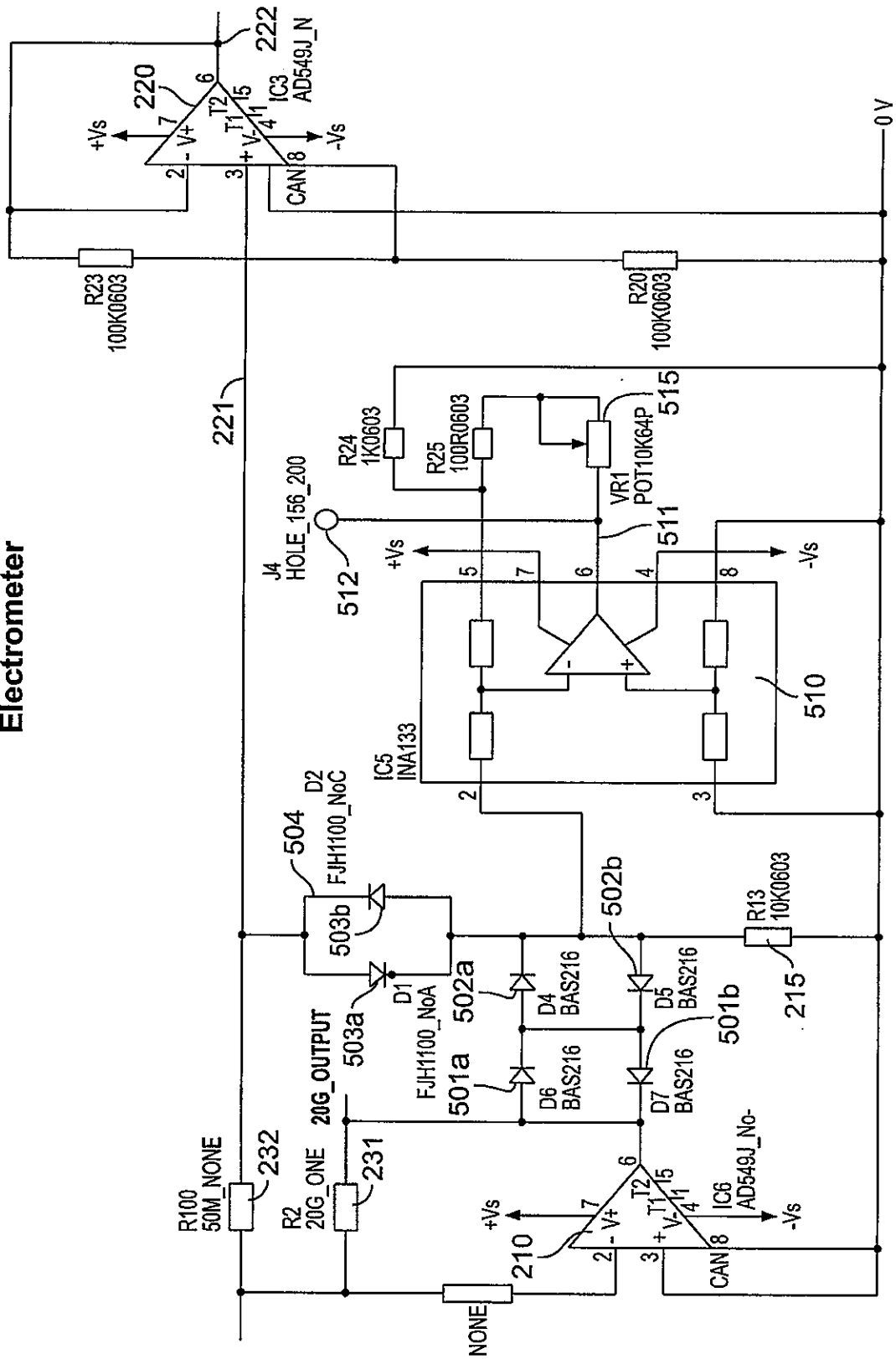


FIG. 5

Noise v Bandwidth Electrometer 4 with FJH1100 Diodes

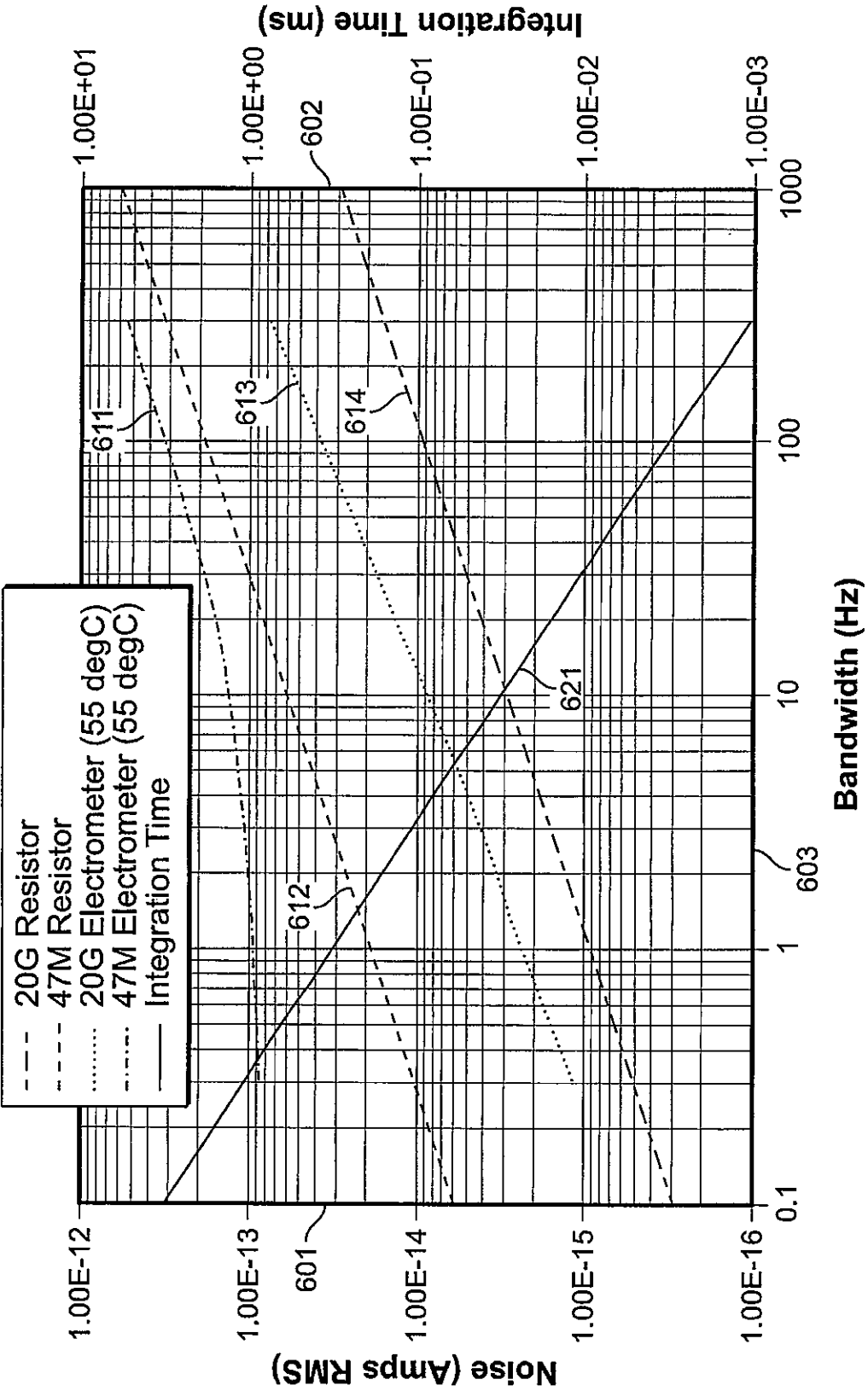


FIG. 6

Electrometer 4 with FJH1100, 0.25Turns Long 09-04-09

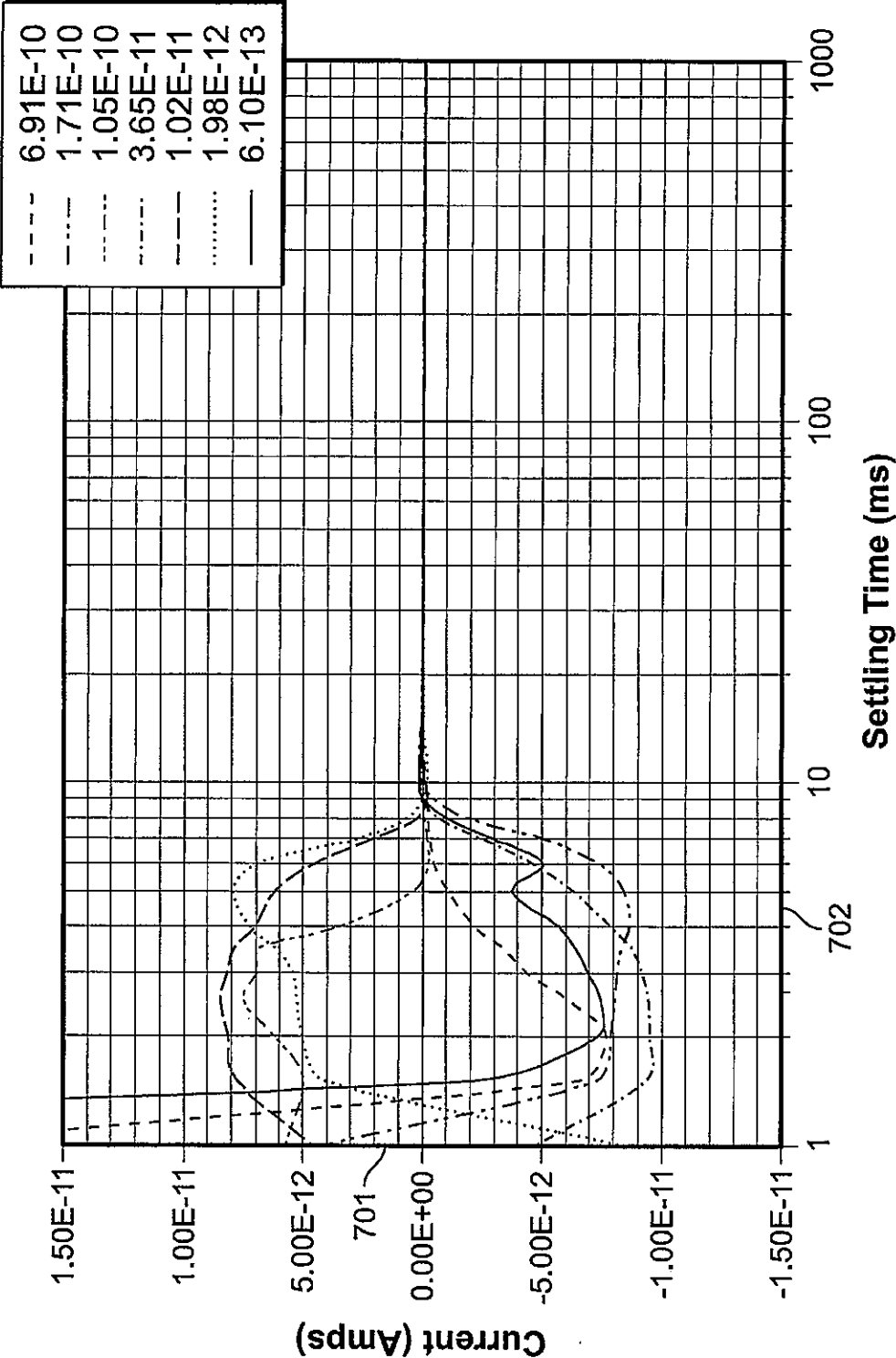


FIG. 7A

Electrometer 4 with FJH1100, 0.25Turns Long 09-04-09

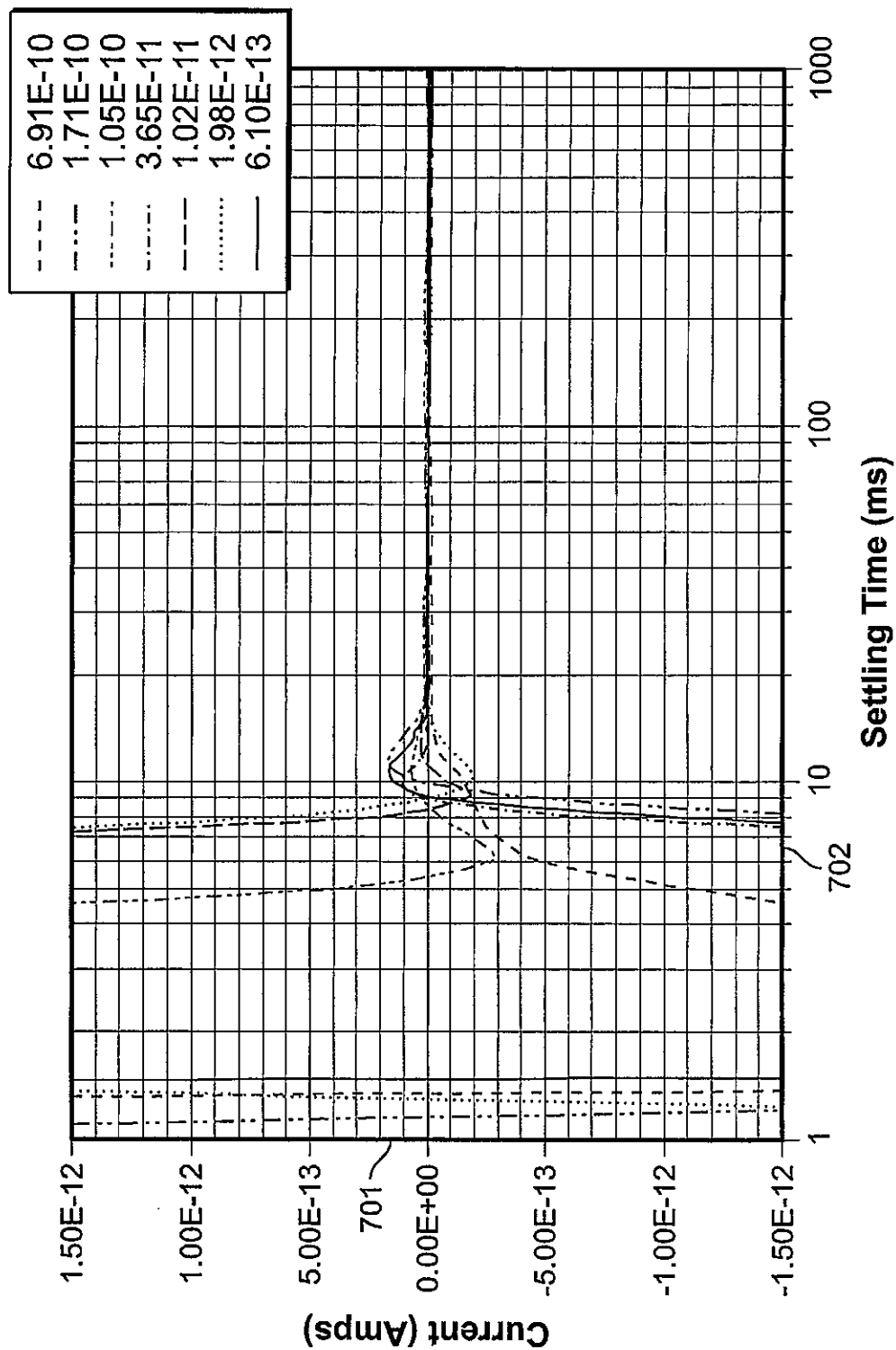


FIG. 7B

Electrometer 4 with FJH1100, 0.25Turns Long 09-04-09

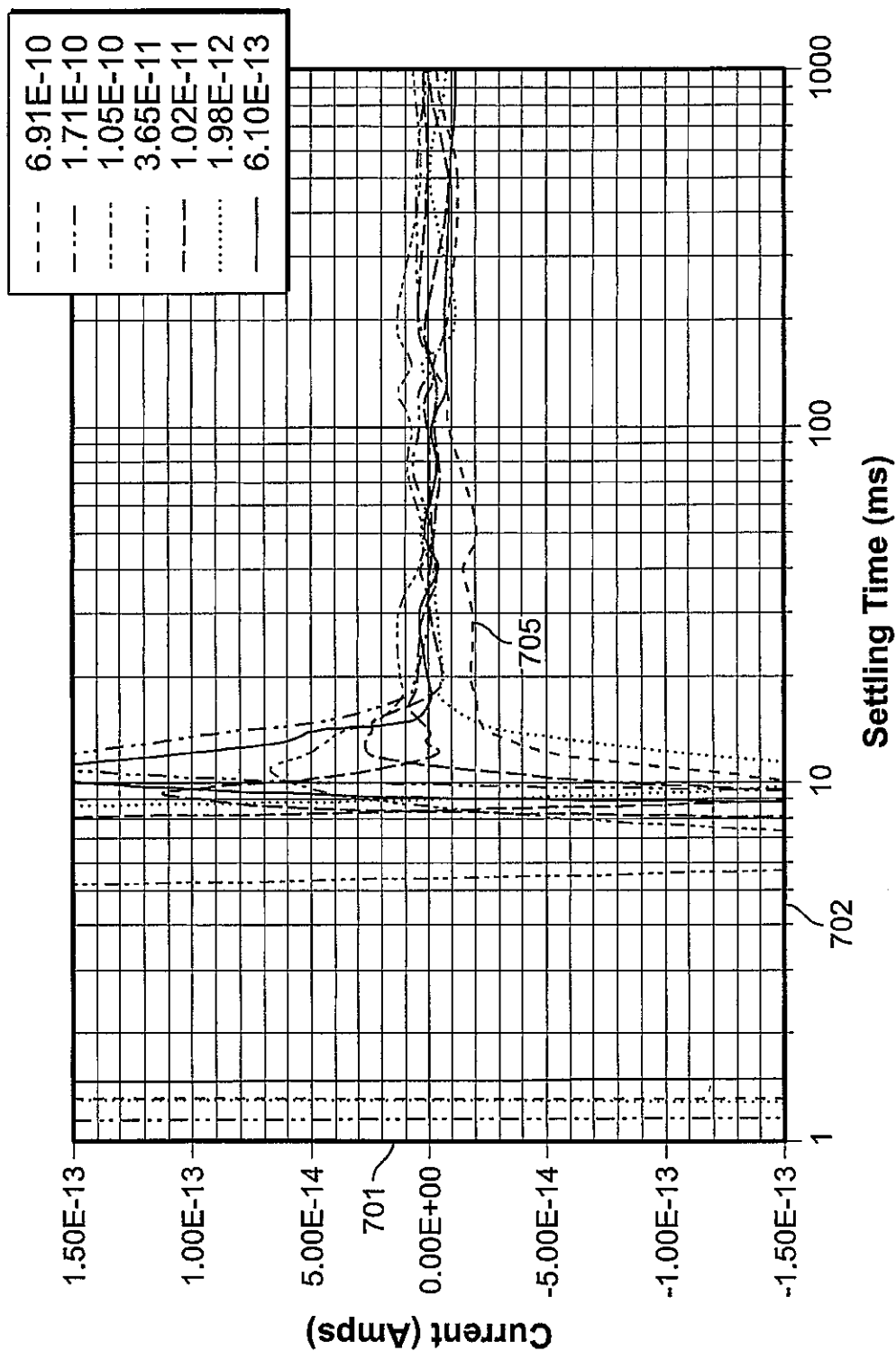


FIG. 7C