CLAIMS

1. Switch circuitry comprising an input terminal (1), said input terminal (1) connected to the base of a first transistor (Q1) via a first resistor (R3), said first transistor being an NPN Bipolar Gate Transistor (Q1), further comprising a second resistor (R5) connected between the base of said first transistor (Q1) and ground, and including an output line or terminal (3) connected to the collector of said first transistor (Q1), and wherein the emitter of said first transistor (Q1) is connected to ground (earth), said circuitry further including a second transistor (Q2), said second transistor being a PNP Bipolar Gate Transistor (Q2), wherein the collector of said second transistor (Q2) is connected via a third resistor (R8) to the base of said first transistor (Q1), and the emitter of said second transistor (Q2) is connected to said input terminal (1), and wherein the emitter of said second transistor (Q2) is additionally connected to the base of said second transistor (Q2) via a fourth resistor (R11); and the base of said second transistor (Q2) being additionally connected to the output line or terminal (3) via a fifth resistor (R10) and a diode (D1).

2. Circuitry as claimed in claim 1 wherein said diode (D1) is electrically connected between said fifth resistor (R10) and output line or terminal (3).