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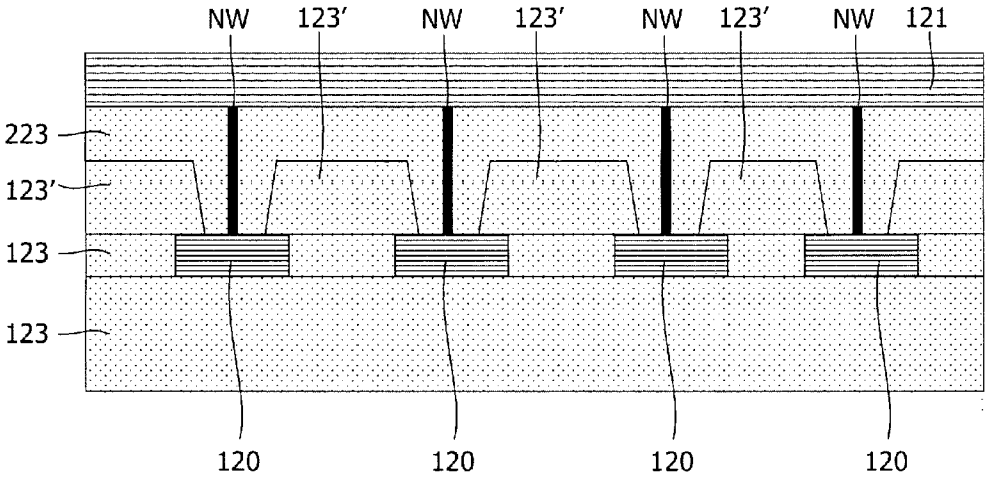
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(54) **Title:** ELECTRIC DEVICE WITH NANOWIRES COMPRISING A PHASE CHANGE MATERIAL



(57) **Abstract:** The method according to the invention is directed to manufacturing an electric device (100) according to the invention, having a body (102) with a resistor comprising a phase change material being changeable between a first phase and a second phase, the resistor having a first electrical resistance when the phase change material is in the first phase, and a second electrical resistance different from the first electrical resistance when the phase change material is in the second phase. The resistor is a nanowire (NW) electrically connecting a first conductor (172, 120) and a second conductor (108, 121). The method comprises the step of providing a body (102) having the first conductor (172, 120), providing the first conductor (172, 120) with the nanowire (NW) thereby electrically connecting the nanowire (NW) and the first conductor (172, 120), and providing the nanowire (NW) with the second conductor (108, 121) thereby electrically connecting the nanowire (NW) and the second conductor (108, 121).

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