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(54) **Title:** METHOD OF ELECTROCHEMICALLY PROCESSING A SUBSTRATE AND INTEGRATED CIRCUIT DEVICE

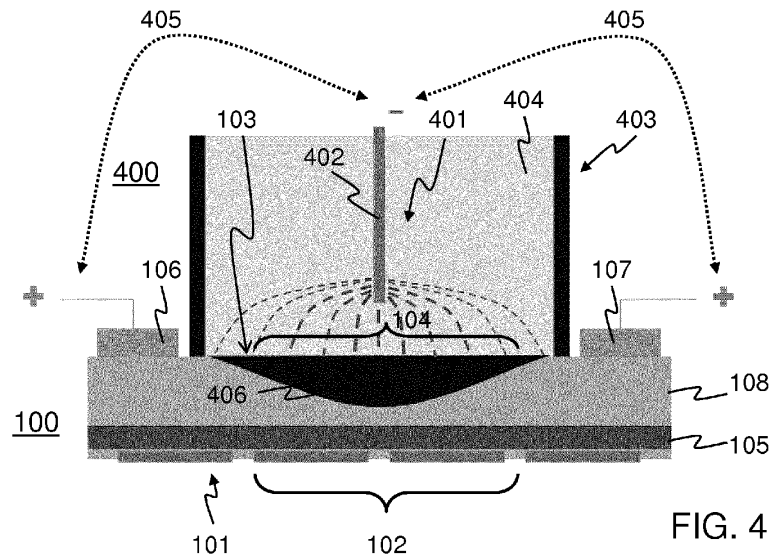


FIG. 4

(57) **Abstract:** A substrate (100) has a front side (101) comprising an electrical circuit (102) and a rear side (103) comprising an exposed zone (104) that faces the electrical circuit (102). In an electrochemical treatment step, an electrical potential is laterally applied at least to the exposed zone (104) of the rear side (103) of the substrate (100), while the exposed zone (104) is in contact with a chemically reactive substance (404). The electrical potential causes a lateral flow of electrical current at least in the exposed zone (104) of the substrate (100). The lateral flow of current and the chemically reactive substance (404) alter the substrate (100) in at least the exposed zone (104).

[Continued on next page]

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