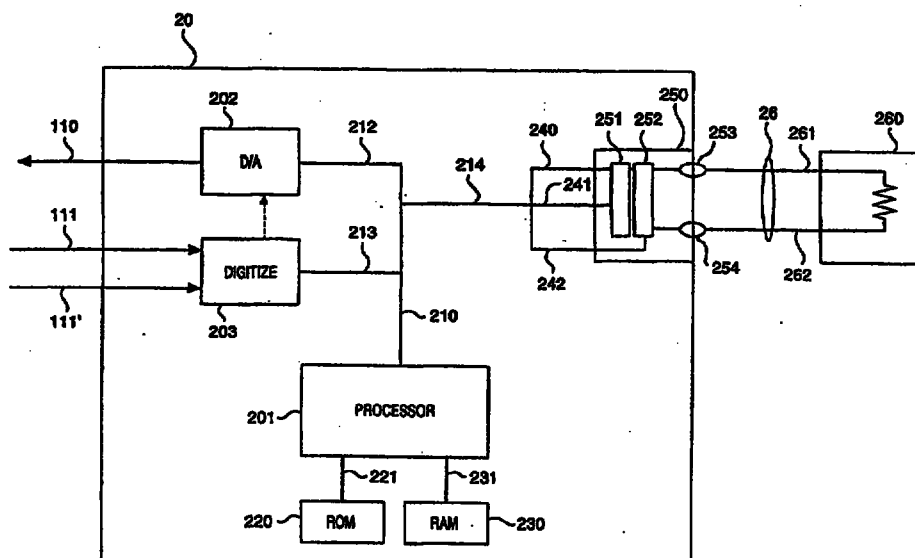




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(54) Title: A MULTIMODE I/O SIGNALING CIRCUIT**(57) Abstract**

An I/O signaling circuit (250) having a single path through the circuit (250) which can be configured to operate in one of a plurality of modes. A first circuit (251) in the I/O signaling circuit adjusts the current flowing from a power supply to ground. A second circuit (252) adjusts the voltage between a positive potential terminal and negative potential terminal through a secondary processing device. A processor determines the proper mode in which the circuit is to operate and then generates signals to adjust the first and second circuits to configure the circuit.