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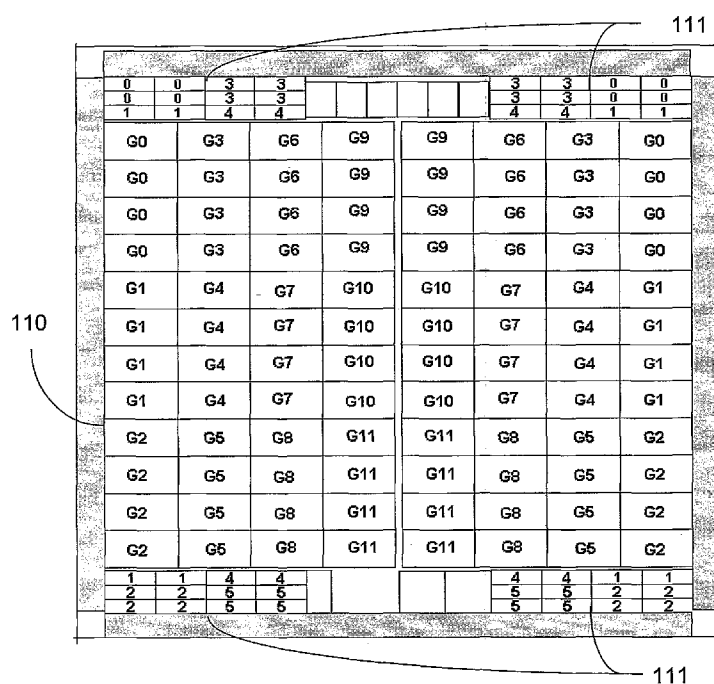
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(54) Title: STRUCTURED INTEGRATED CIRCUIT DEVICE



(57) Abstract: A configurable logic array may include: a multiplicity of logic cells, containing look-up tables; customizable metal and via connection layers overlaying the multiplicity of logic cells; a multiplicity of device customizable I/O cells; a multiplicity of configuration customizable RAM blocks; a ROM block with customizable contents; and a microprocessor with customizable I/O for configuring and testing the array, where the customizations are all done on a single via layer.

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