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ACTION

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(54) Title: MAGNETIC MATERIAL STRUCTURES, DEVICES AND METHODS

(57) Abstract: A thin film magnetic structure, magnetic devices, and method of producing the same, wherein (110) textured, sym-
metry broken body centered cubic or body centered cubic derivative crystalline structures epitaxially grown on hexagonal shaped
templates, in the presence of a symmetry breaking mechanism is provided to promote oriented uniaxial magnetic properties from a
series of successively deposited film layers, result in new oriented magnetic layer structures and microstructures and thus improved
magnetic devices and device performance.