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(54) Title: METHODS OF FORMING POLYCRYSTALLINE TABLES AND POLYCRYSTALLINE ELEMENTS AND RELATED STRUCTURES

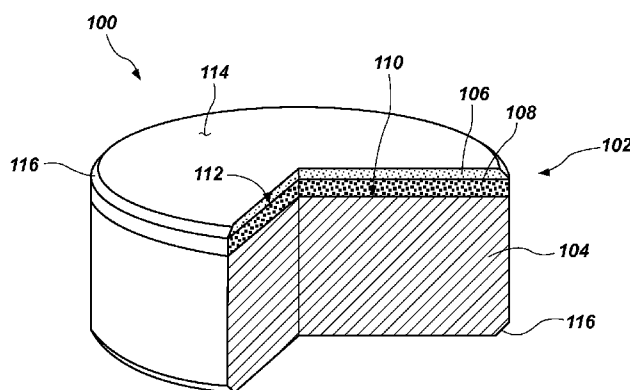


FIG. 1

(57) Abstract: Methods of forming a polycrystalline element comprise disposing a first plurality of particles comprising a superabrasive material, a second plurality of particles comprising the superabrasive material, and a catalyst material in a mold. The first and second pluralities of particles are sintered to form a polycrystalline table comprising a first region having a first permeability and a second region having a second, greater permeability. Catalyst material is at least substantially removed from the polycrystalline table. The polycrystalline table is attached to an end of a substrate, the at least a second region being interposed between the first region and the substrate. Polycrystalline elements comprise a substrate. A polycrystalline table comprising a superabrasive material and having a first region exhibiting a first permeability and at least a second region exhibiting a second, greater permeability is attached to an end of the substrate.

