

ABSTRACT

POLYCRYSTALLINE CERAMIC SUBSTRATE AND METHOD OF MANUFACTURE

A method of fabricating a ceramic substrate structure includes providing a ceramic substrate, encapsulating the ceramic substrate in a barrier layer, and forming a bonding layer coupled to the barrier layer. The method further includes removing a portion of the bonding layer to expose at least a portion of the barrier layer and define fill regions, and depositing a second bonding layer on the at least a portion of the exposed barrier layer and the fill regions.

(FIG. 3C)