

COMPACT FOR EARTH BORING BIT WITH ASYMMETRICAL FLANKS AND SHOULDERS

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Abstract of the Disclosure

A tungsten carbide compact of an earth boring bit has a cutting tip that is generally chisel-shaped with substantially flat flanks converging to an elongated crest. One of the flanks is smaller and has a greater included angle relative to the axis of the compact than the other flank. Shoulders extend from opposite ends of the crest. One shoulder has a radius of curvature that is

10 smaller than the other shoulder.

Figure 1