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(71) Applicant: **KENNAMETAL INC.** [US/US]; 1600 Technology Way, Latrobe, PA 15650 (US).

(72) Inventors: **MIRCHANDANI, Prakash K.**; 11323 Pampass Pass, Houston, Texas 77095 (US). **CHANDLER, Morris E.**; 7926 Avenue C, Santa Fe, Texas 77510 (US).

(74) Agent: **MEENAN, Larry R.**; KENNAMETAL INC., 1600 Technology Way, P.O. Box 231, Latrobe, PA 15650-0231 (US).

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(54) Title: COMPOSITE SINTERED POWDER METAL ARTICLES

(57) Abstract: A composite sintered powder metal article including a first region including a cemented hard particle material such as, for example, cemented carbide. The article includes a second region including: a metallic material selected from a steel, nickel, a nickel alloy, titanium, a titanium alloy, molybdenum, a molybdenum alloy, cobalt, a cobalt alloy, tungsten, a tungsten alloy; and from 0 up to 30 percent by volume of hard particles. The first region is metallurgically bonded to the second region, and each of the first region and the second region has a thickness of greater than 100 microns. The second region comprises at least one mechanical attachment feature so that the composite sintered powder metal article can be attached to another article. The article comprises one of an earth boring article, a metalcutting tool, a metalforming tool, a woodworking tool, and a wear article.



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