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(71) Applicant: **CABOT CORPORATION** [US/US]; Two Seaport Lane, Suite 1300, Boston, MA 02210-2019 (US).

(72) Inventors: **FORD, Robert, B.**; 316 Playground Drive, West Reading, PA 19611 (US). **MICHALUK, Christopher, A.**; 2306 Cassard Circle, Gilbertsville, PA 19525 (US).

(74) Agent: **LANDO, Michelle, B.**; Cabot Corporation, 157 Concord Road, P.O. Box 7001, Billerica, MA 01821-7001 (US).

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(54) Title: HOLLOW CATHODE TARGET AND METHODS OF MAKING SAME

(57) Abstract: Sputtering targets and methods of making sputtering targets are described. The method includes the steps of: providing a sputtering metal workpiece made of a valve metal; transverse cold-rolling the sputtering metal workpiece to obtain a rolled workpiece; and cold-working the rolled workpiece to obtain a shaped workpiece. The sputtering targets exhibits a substantially consistent grain structure and/or texture on at least the sidewalls.