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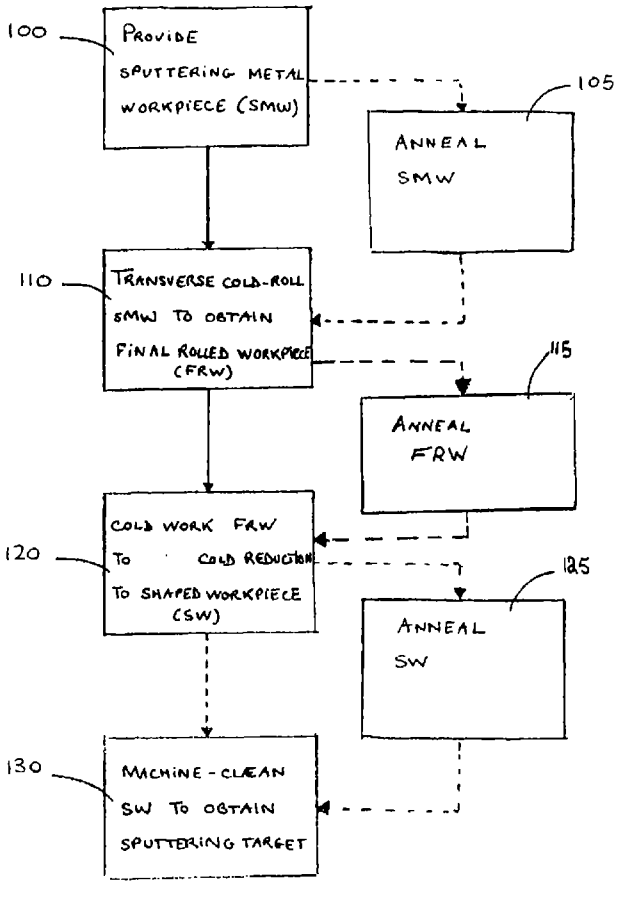
(54) Title: HOLLOW CATHODE TARGET AND METHODS OF MAKING SAME



(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.

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