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(71) Applicant: **APPLIED MATERIALS, INC.** [US/US];
3050 Bowers Avenue, Santa Clara, CA 95054 (US).

(72) Inventors: **PATIL, Ravindra**; c/o Applied Materials, Inc.,
Law Dept., M/S 1269, 3050 Bowers Avenue, Santa Clara,
CA 95054 (US). **ISHIKAWA, David, Masayuki**; c/o Ap-
plied Materials, Inc., Law Dept., M/S 1269, 3050 Bowers
Avenue, Santa Clara, CA 95054 (US). **MELNIK, Yuriy**; c/
o Applied Materials, Inc., Law Dept., M/S 1269, 3050 Bow-

ers Avenue, Santa Clara, CA 95054 (US). **WANG, Miao-
jun**; c/o Applied Materials, Inc., Law Dept., M/S 1269,
3050 Bowers Avenue, Santa Clara, CA 95054 (US). **BUR-
ROWS, Brian, Hayes**; c/o Applied Materials, Inc., Law
Dept., M/S 1269, 3050 Bowers Avenue, Santa Clara, CA
95054 (US). **GUJAR, Vikas Vijay**; Applied Materials In-
dia, Pvt. Ltd. Unit 5, 3F, Explorer, Building ITPB, White-
field Road, Bangalore, Karnataka 560 066 (IN). **SWAMI-
NATHAN, Shrikant**; Applied Materials India, Pvt. Ltd.
Unit 5, 3F, Explorer, Building ITPB, Whitefield Road,
Bangalore, Karnataka 560 066 (IN). **GUPTA, Neha**; Ap-
plied Materials India, Pvt. Ltd. Unit 5, 3F, Explorer, Build-
ing ITPB, Whitefield Road, Bangalore, Karnataka 560 066
(IN).

(74) Agent: **PATTERSON, B., Todd** et al.; 24 Greenway Plaza,
Suite 1600, Houston, TX 77046 (US).

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(54) Title: PROCESSES FOR PREPARING COATED POWDER COMPOSITIONS

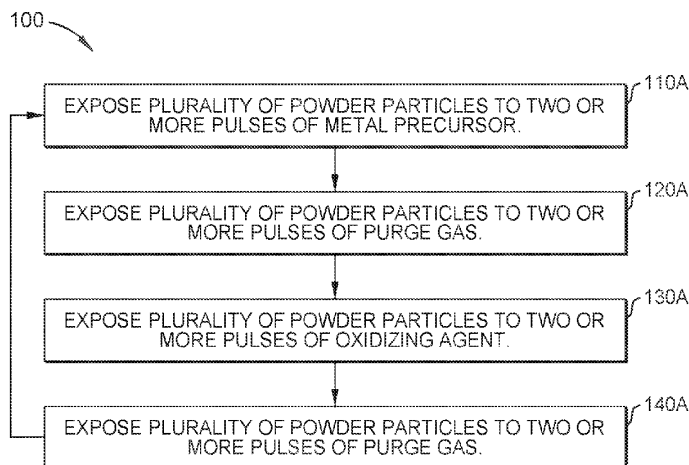


FIG. 1A

(57) Abstract: Embodiments of the present disclosure generally relate to vapor coating processes for preparing coated powder compositions. In one or more embodiments, a method to prepare a coated powder composition is provided and includes positioning a plurality of powder particles within a processing region, where each of the powder particles contains one or more organic materials, one or more inorganic materials, or combinations thereof, and coating the plurality of powder particles with a metal oxide coating to form a plurality of coated particles during a cyclic vapor coating process. The metal oxide coating contains aluminum oxide, zinc oxide, or aluminum zinc oxide, and the cyclic vapor coating process includes one or more deposition cycles.

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