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United States Patent [19]

[11] **3,899,144**

Werle et al.

[45] **Aug. 12, 1975**

[54] **POWDER CONTRAIL GENERATION** 2,045,865 6/1936 Morey..... 40/213
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 [75] Inventors: **Donald K. Werle**, Hillside; **Romas Kasparas**, Riverside; **Sidney Katz**, Chicago, all of Ill. 3,531,310 9/1970 Goodspeed et al..... 241/5 X
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[51] **Int. Cl.²**..... **B64D 1/16**

[58] **Field of Search**..... 244/136; 40/213; 241/5, 241/29; 222/3, 4; 239/171; 116/28 R, 114 R, 114 F, 114 N, 124 R, 124 B, 124 C

[57] **ABSTRACT**

Light scattering pigment powder particles, surface treated to minimize interparticle cohesive forces, are dispensed from a jet mill deagglomerator as separate single particles to produce a powder contrail having maximum visibility or radiation scattering ability for a given weight material.

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12 Claims, 1 Drawing Figure

