United States Patent [19]

Werle et al.

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

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[54] **POWDER CONTRAIL GENERATION**

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[52] **U.S. Cl.** ..... **244/136;** 40/213; 116/114 F; 241/5

[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

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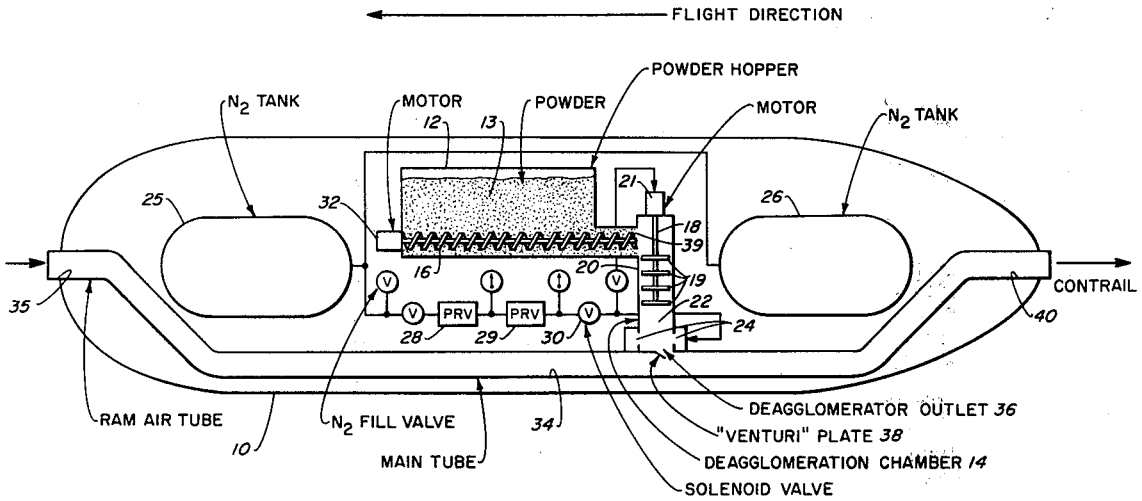
[57] **ABSTRACT**

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.

12 Claims, 1 Drawing Figure