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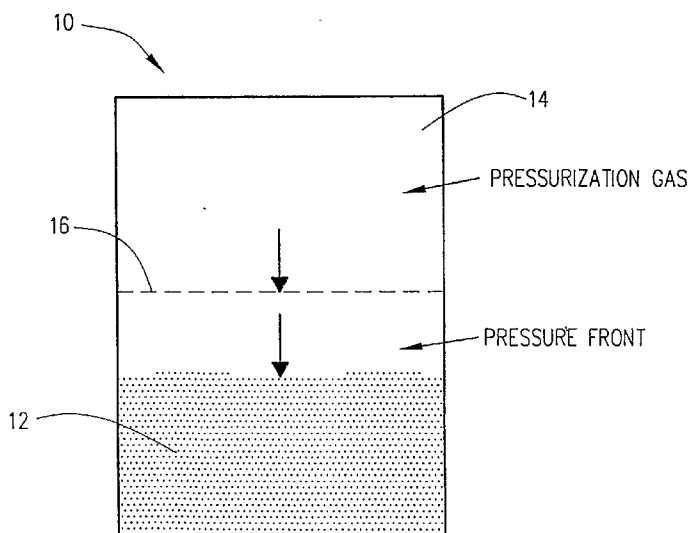
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[Continued on next page]

(54) Title: DENSIFICATION OF AERATED POWDERS USING POSITIVE PRESSURE



(57) Abstract: Process and apparatus are provided for increasing the bulk density of an aerated powder. The powder is placed in a container. The container is then closed and the gas pressure within the container is increased to a level above atmospheric pressure and at a rate sufficient to cause the powder to compact before a substantial portion of said pressurization gas diffuses into said powder. In one embodiment, the process and apparatus are utilized to increase the bulk density of an aerated, free-flowing titanium dioxide pigment, for improving packaging consistency and ease of dispersion in latex paint formulations, for example.

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