

cc: JVBHunn

Lithopone

Chicago

Auxiliaries Research

Coffeyville

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J. S. Boehner

Heahberg Process for Dispersing
Pigments

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We have just returned from observing the use of the Heahberg process for dispersing pigment in the Dispersion Laboratory.

This process, as per U.S. Patent 2,581,444, utilizes sand of different mesh sizes to disperse pigments into paint systems and into solvent systems.

Specifically, the patent claims a method of dispersing a commercial pigment in a film forming material, which comprises agitating the pigment and the film forming material with sand, which is of 20 to 40 mesh size.

This process looked very interesting, and the iron oxide which we observed was dispersed in hexylene glycol. Since this is a solvent, we are wondering if this equipment might likewise be used to disperse lithopone in water slurry, eliminating the need for ball milling and classification.

We would appreciate it, therefore, if you would send us a couple of gallons of quench box material with the solids increased to a good value for shipping and reduced bulk. We will try dispersing this material on the Heahberg Mill to see if we can do a better job than the present milling system.

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