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United States Patent [19]

Hou

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[54] **BLACK ELECTROPHORETIC PARTICLES AND METHOD OF MANUFACTURE**

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Related U.S. Application Data

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[58] **Field of Search** 428/402.21, 402.22, 428/402.24, 403, 407, 500, 515, 689, 404, 688; 430/31, 32, 37, 113, 114; 524/452, 785; 313/509, 483; 427/213.3, 213.31, 216, 221

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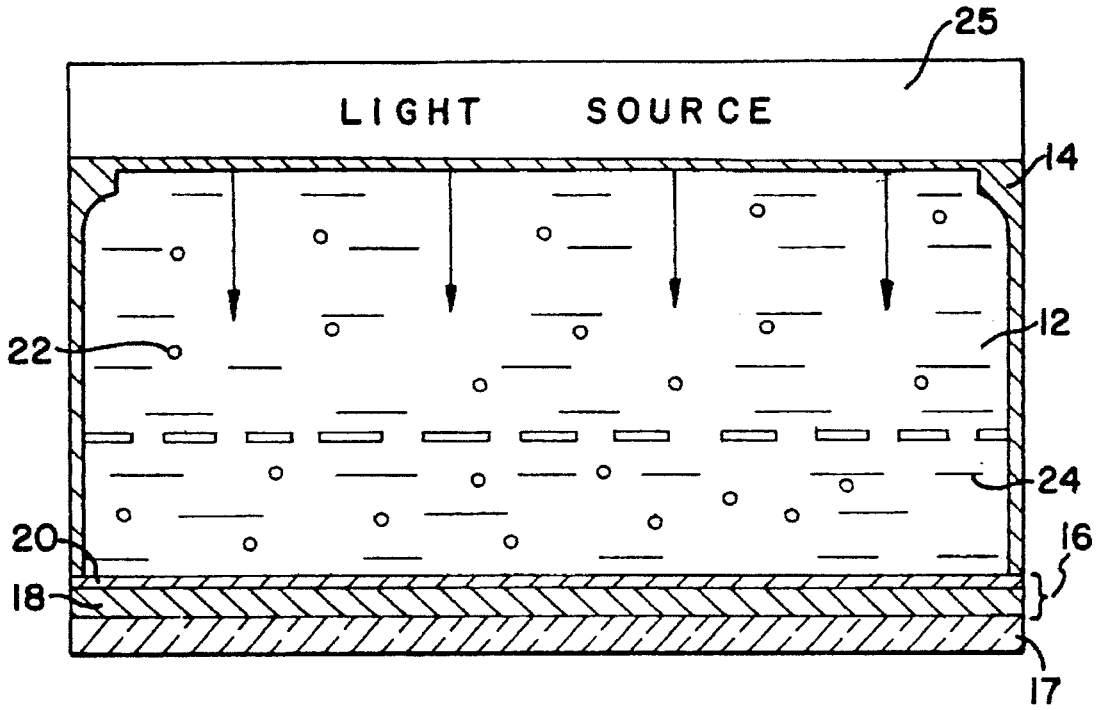
[57] **ABSTRACT**

The present invention are dielectric black particles for use in electrophoretic images displays, electrostatic toner or the like, and the corresponding method of manufacturing the same. The present invention black particles are latex particles formed by a polymerization technique, wherein the latex particles are stained to a high degree of blackness with a metal oxide.

14 Claims, 1 Drawing Sheet