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(54) **SELF FORMING, THERMODYNAMICALLY STABLE LIPOSOMES AND THEIR APPLICATIONS**

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This patent is subject to a terminal disclaimer.

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Related U.S. Application Data

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A61K 9/127 (2006.01)

(52) **U.S. Cl.** **424/450**; 424/9.321; 424/9.51; 424/417; 428/402.2; 264/4.1; 264/4.3; 514/772.4

(58) **Field of Classification Search** 424/450, 424/9.321, 9.51, 417; 428/402.2; 264/4.1, 264/4.3

See application file for complete search history.

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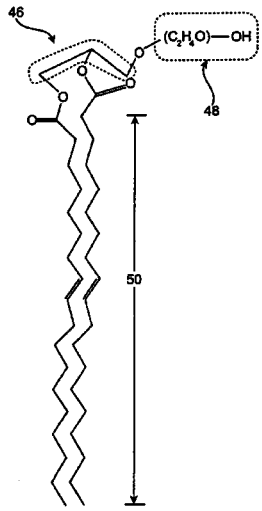
(57) **ABSTRACT**

Certain diacylglycerol-polyethyleneglycol (DAG-PEG) lipids are especially useful for forming thermodynamically stable liposomes. Such liposomes are useful for a variety of purposes, including the delivery of therapeutic agents.

1 Claim, 5 Drawing Sheets



PEG-12 Glyceryl Dioleate