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Gohl et al.

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(54) **DETERGENTS CAPABLE OF CLEANING, BLEACHING, SANITIZING AND/OR DISINFECTING TEXTILES INCLUDING SULFOPEROXYCARBOXYLIC ACIDS**

(58) **Field of Classification Search**
USPC 514/557, 506, 709, 2.3
See application file for complete search history.

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 561 days.
This patent is subject to a terminal disclaimer.

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(52) **U.S. Cl.**

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USPC **514/557**; 514/506; 514/709; 514/2.3

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(57) **ABSTRACT**

The present invention relates to novel combined laundry detergent, bleach, and antimicrobial composition incorporating novel sulfoperoxydicarboxylic acid compounds, and methods for making and using them. The sulfoperoxydicarboxylic compounds used in compositions of the invention are storage stable, water soluble and have low to no odor. Compositions of the invention may be in the form of a liquid, a solid, or a gel. The sulfoperoxydicarboxylic compounds useful in preparing compositions of the present invention can be formed from non-petroleum based renewable materials.