United States Patent [19]

Ding et al.

[54] EMULSION EYE DROP FOR ALLEVIATION OF DRY EYE RELATED SYMPTOMS IN DRY EYE PATIENTS AND/OR CONTACT LENS WEARERS

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- [22] Filed: Jan. 20, 1998
- [51] Int. Cl.⁶ A61K 47/12; A61K 47/14;
- A61K 47/34 [52] U.S. Cl. 514/785; 514/786; 514/912;
- 514/915; 514/941; 514/943; 514/975

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[11] Patent Number: 5,981,607

[45] **Date of Patent:** Nov. 9, 1999

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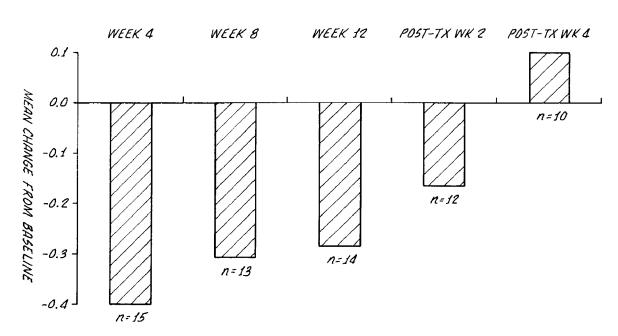
Diagnosis and Management of Dry Eye and Ucular Surface Disorders: OPH Clinic of N.A. vol. 3, No. 4, pp. 575–594, Dec. 1990.

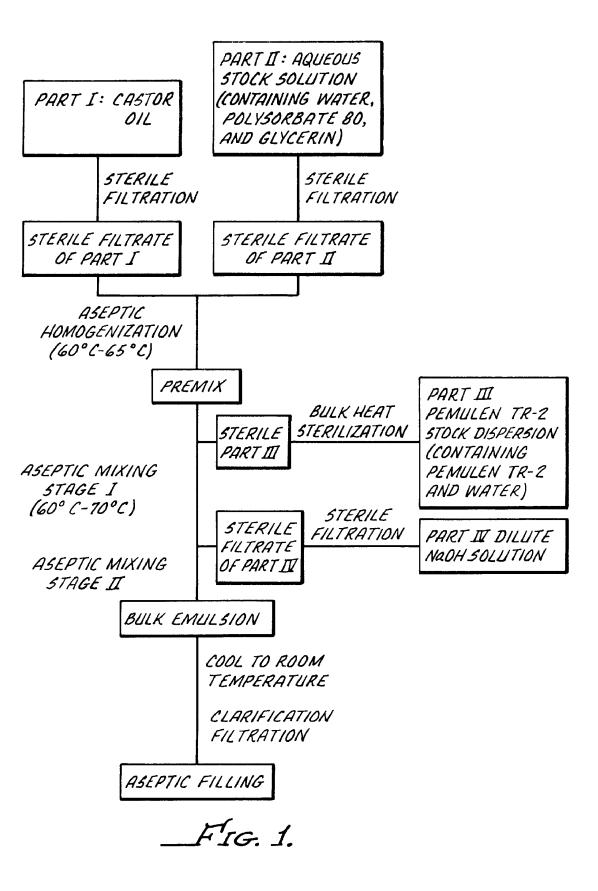
Primary Examiner—Jeffrey E. Russel Attorney, Agent, or Firm—Walter A. Hackler

[57] ABSTRACT

An eye drop composition for alleviation of dry eye related symptoms in dry eye patients and contact lens wearers includes an emulsion of a higher fatty acid glyceride, polysorbate 80 and an emulsion stabilizing amount of Pemulen® in water suitable for topical application to ocular tissue.

4 Claims, 7 Drawing Sheets

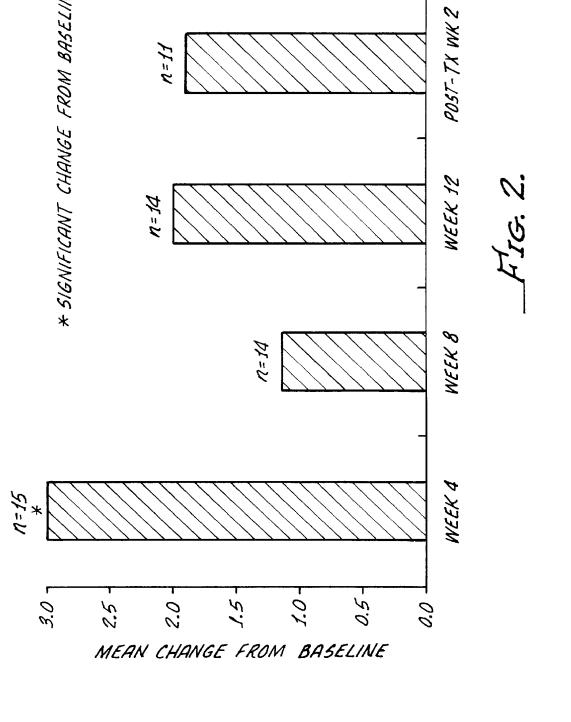




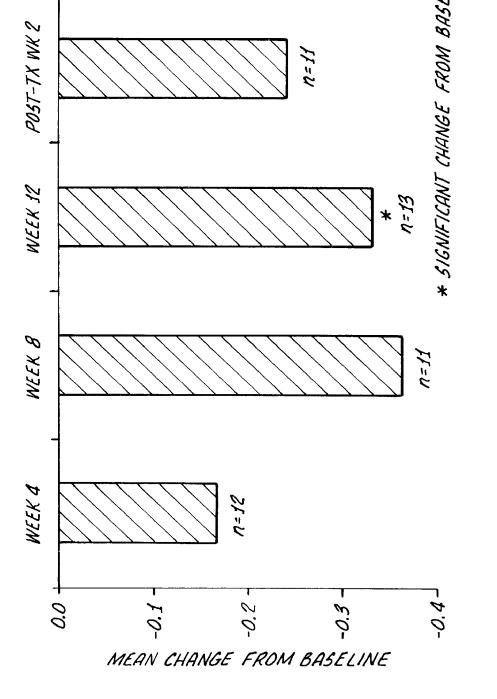
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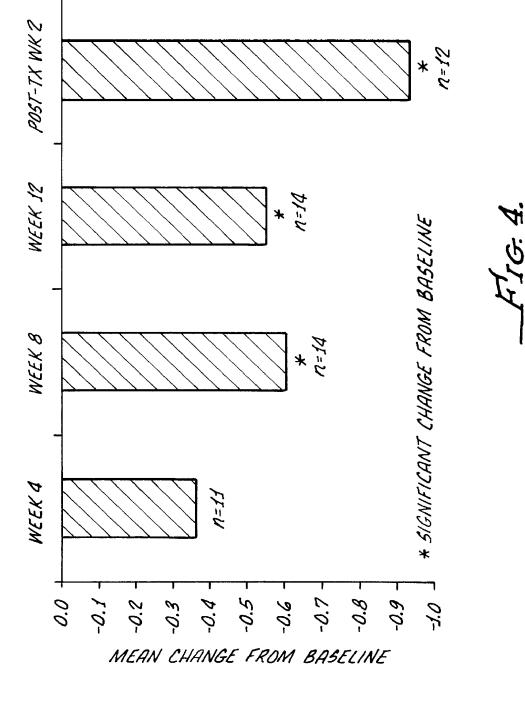
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