

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

5,411,952 5/1995 Kaswan 514/11
5,474,979 12/1995 Ding et al. 514/11

[75] Inventors: Shulin Ding, Irvine; Orest Olejnik, Trabuco Canyon; Brenda L. Reis, Costa Mesa, all of Calif.

FOREIGN PATENT DOCUMENTS

2228198 8/1990 United Kingdom .
95/31211 11/1995 WIPO .

[73] Assignee: Allergan, Irvine, Calif.

OTHER PUBLICATIONS

Diagnosis and Management of Tear Film Dysfunction; Stultng & Waring, pp. 445-468 (not dated).

[21] Appl. No.: 09/008,924

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

[22] Filed: Jan. 20, 1998

[51] Int. Cl.⁶ A61K 47/12; A61K 47/14; A61K 47/34

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Attorney, Agent, or Firm—Walter A. Hackler

[52] U.S. Cl. 514/785; 514/786; 514/912; 514/915; 514/941; 514/943; 514/975

[58] Field of Search 514/9, 11, 178, 514/179, 180, 181, 420, 625, 627, 784, 785, 786, 912, 913, 914, 915, 941, 943, 975

[57] ABSTRACT

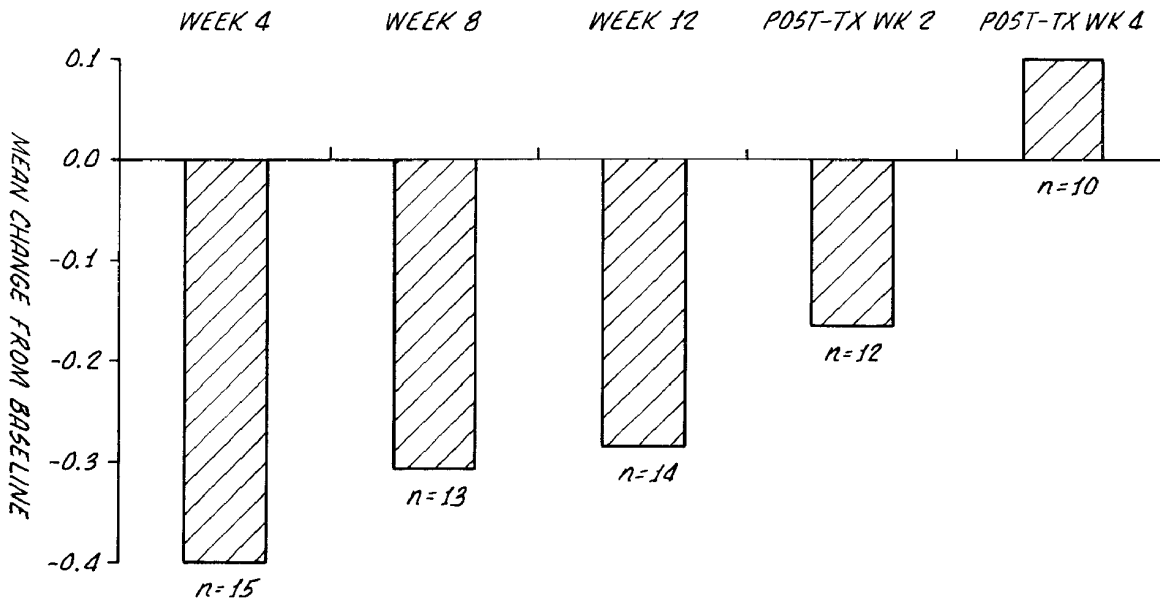
An eye drop composition for alleviation of dry eye related symptoms in dry eye patients and contact lens wearers includes an emulsion of a higher fatty acid glyceride, polysorbate 80 and an emulsion stabilizing amount of Pemulen® in water suitable for topical application to ocular tissue.

[56] References Cited

U.S. PATENT DOCUMENTS

4,839,342 6/1989 Kaswan 514/11

4 Claims, 7 Drawing Sheets



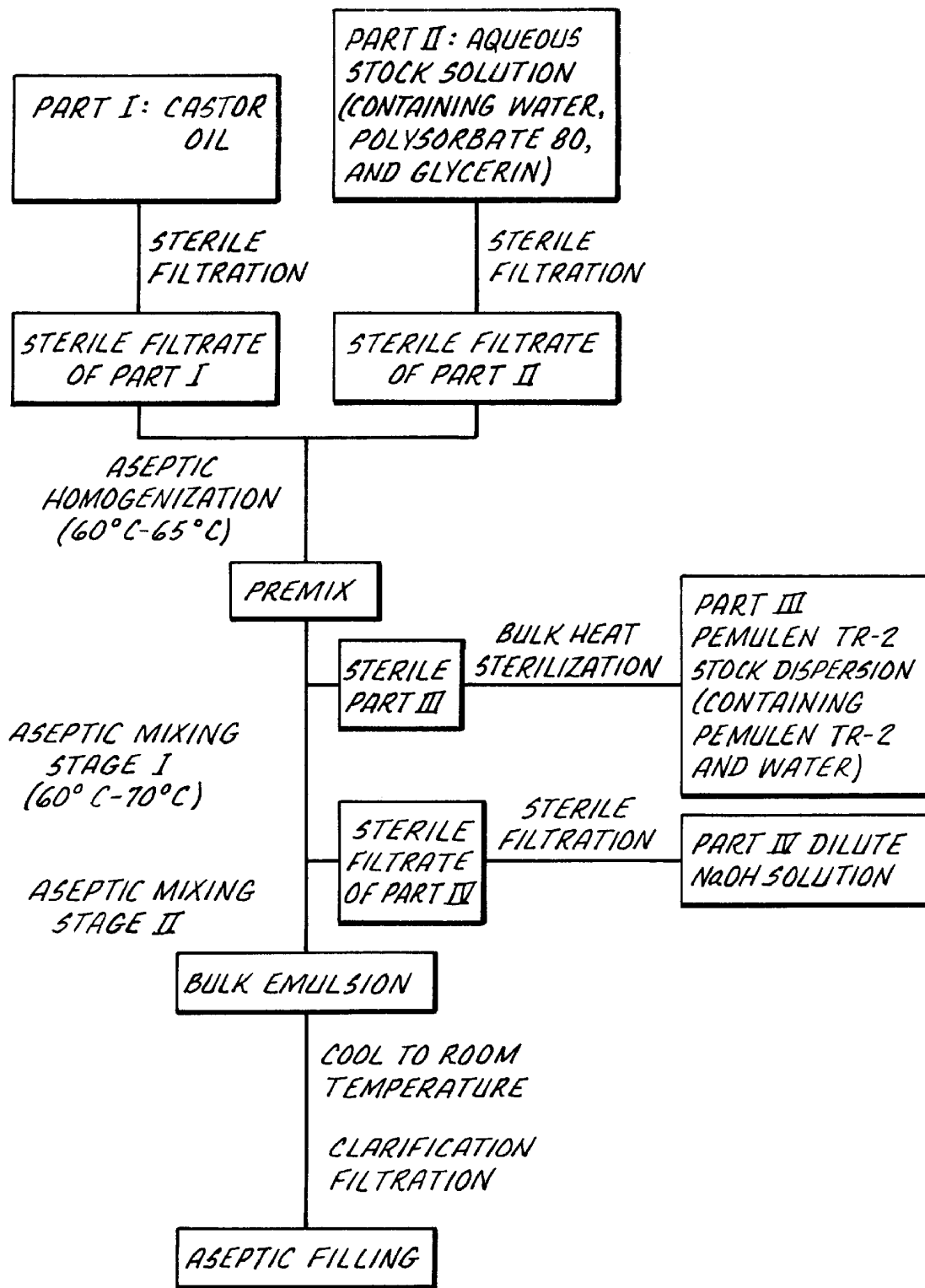


FIG. 1.

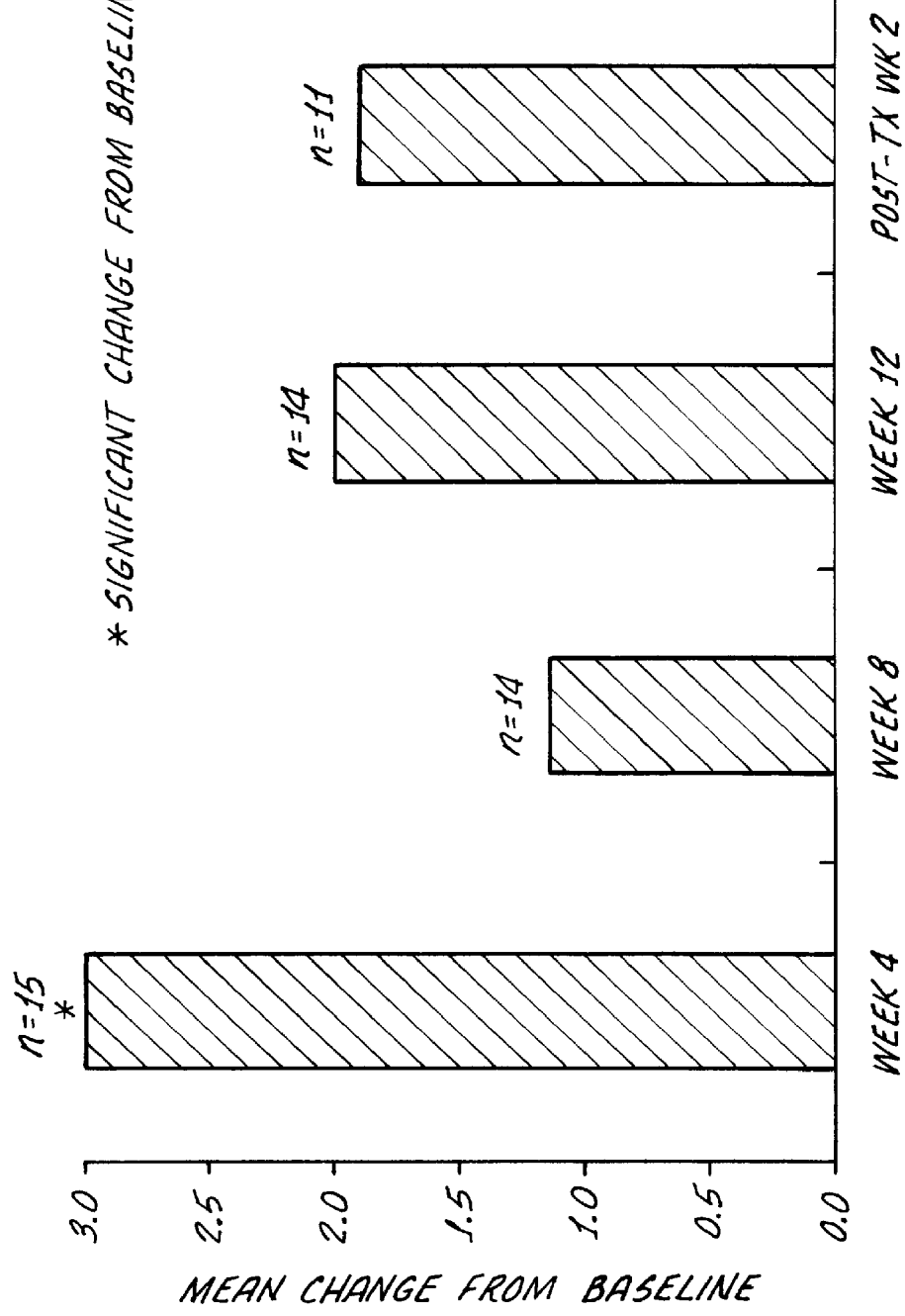
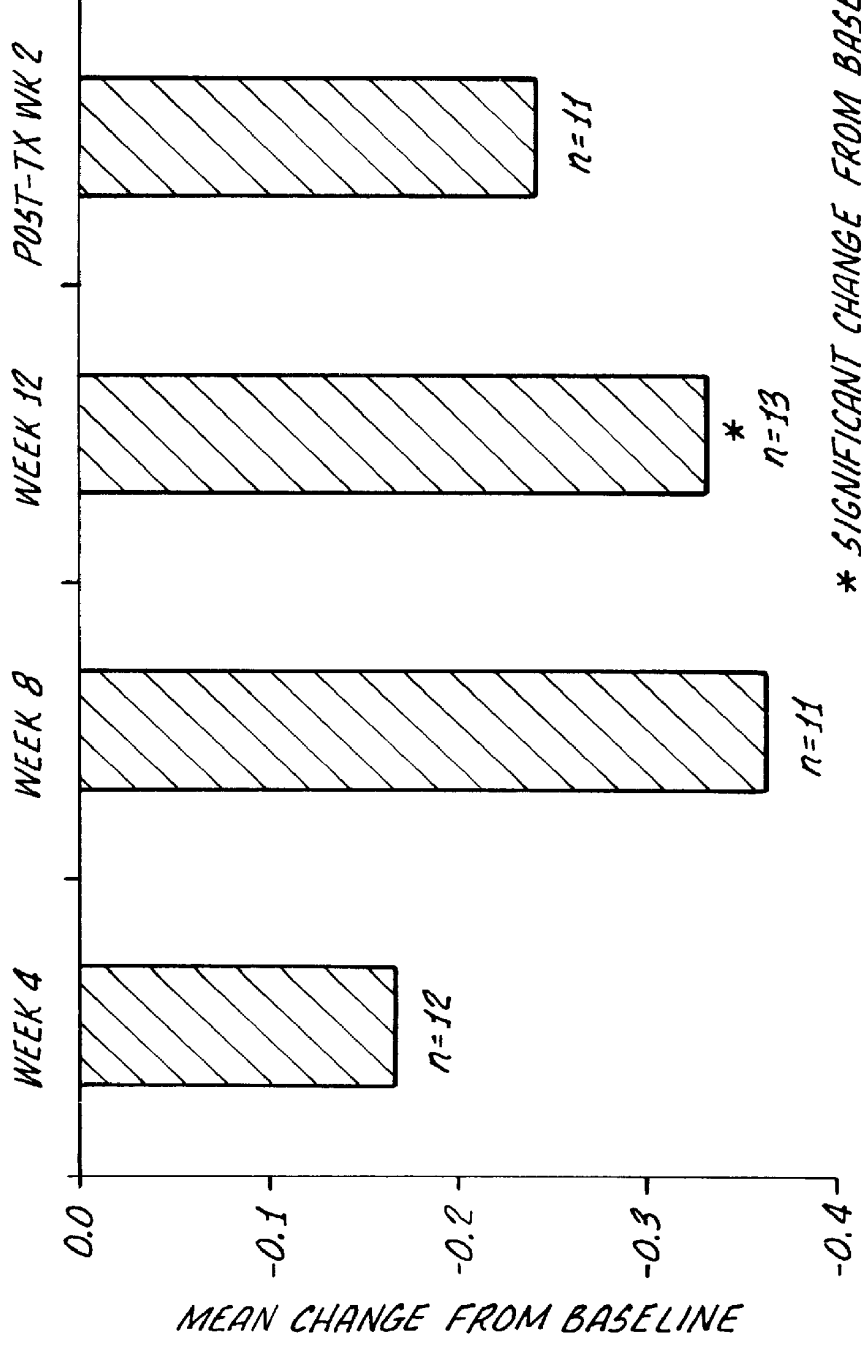


FIG. 2.



* SIGNIFICANT CHANGE FROM BASELINE

FIG. 3.

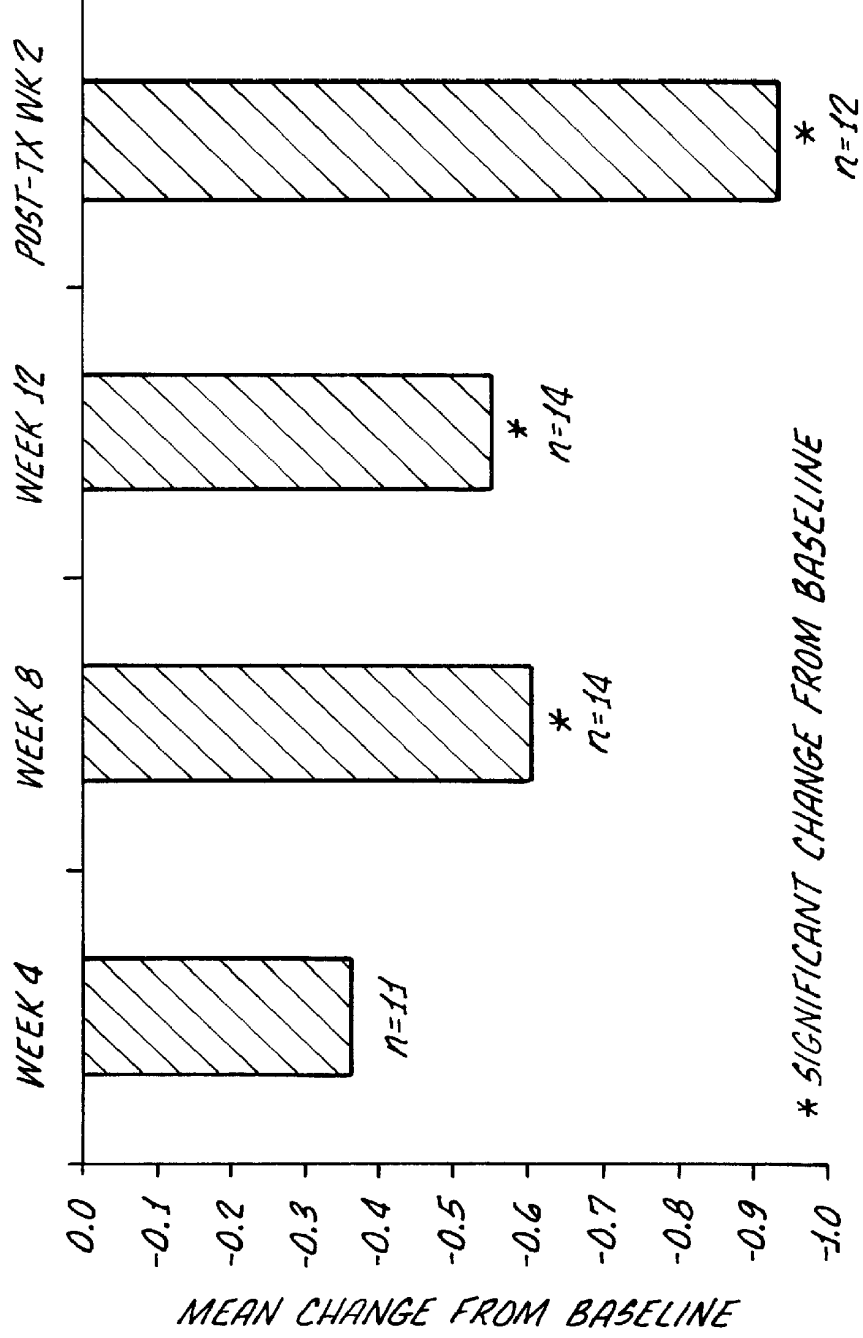


FIG. 4.

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