

[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
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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

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

[73] **Assignee:** **Allergan**, Irvine, Calif.

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

[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**

[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**

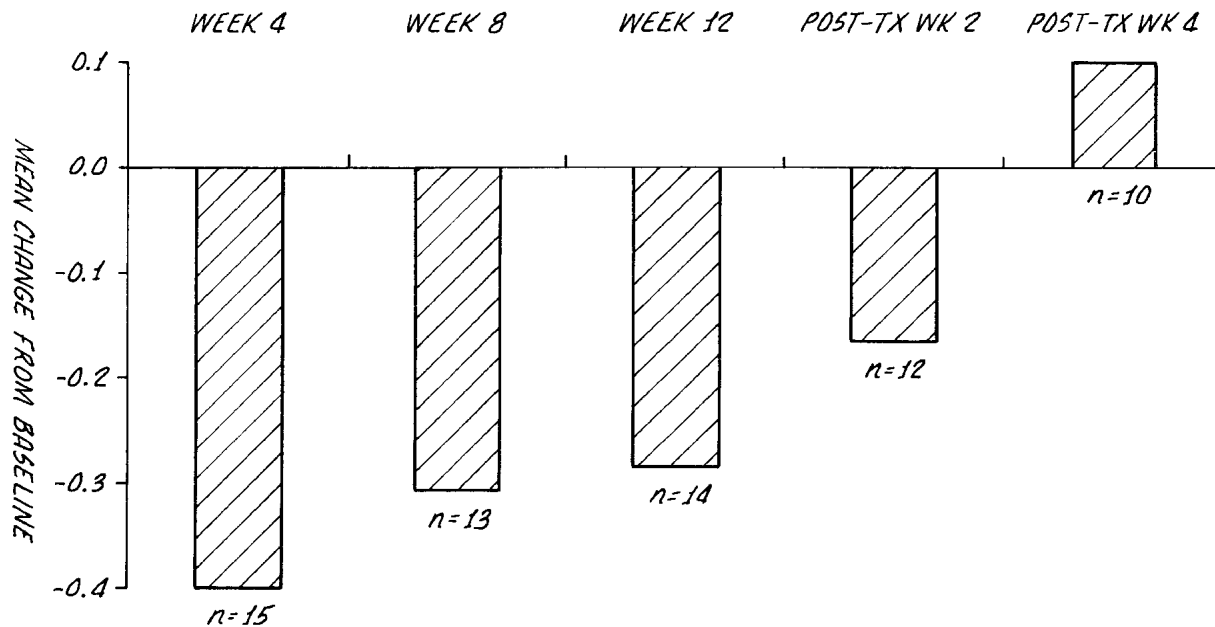
An eye drop composition for alleviation of dry eye related symptoms in dry eye patients and contact lens wearers includes an emulsion of a higher fatty acid glyceride, polysorbate 80 and an emulsion stabilizing amount of Pemulen® in water suitable for topical application to ocular tissue.

[56] **References Cited**

U.S. PATENT DOCUMENTS

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

4 Claims, 7 Drawing Sheets



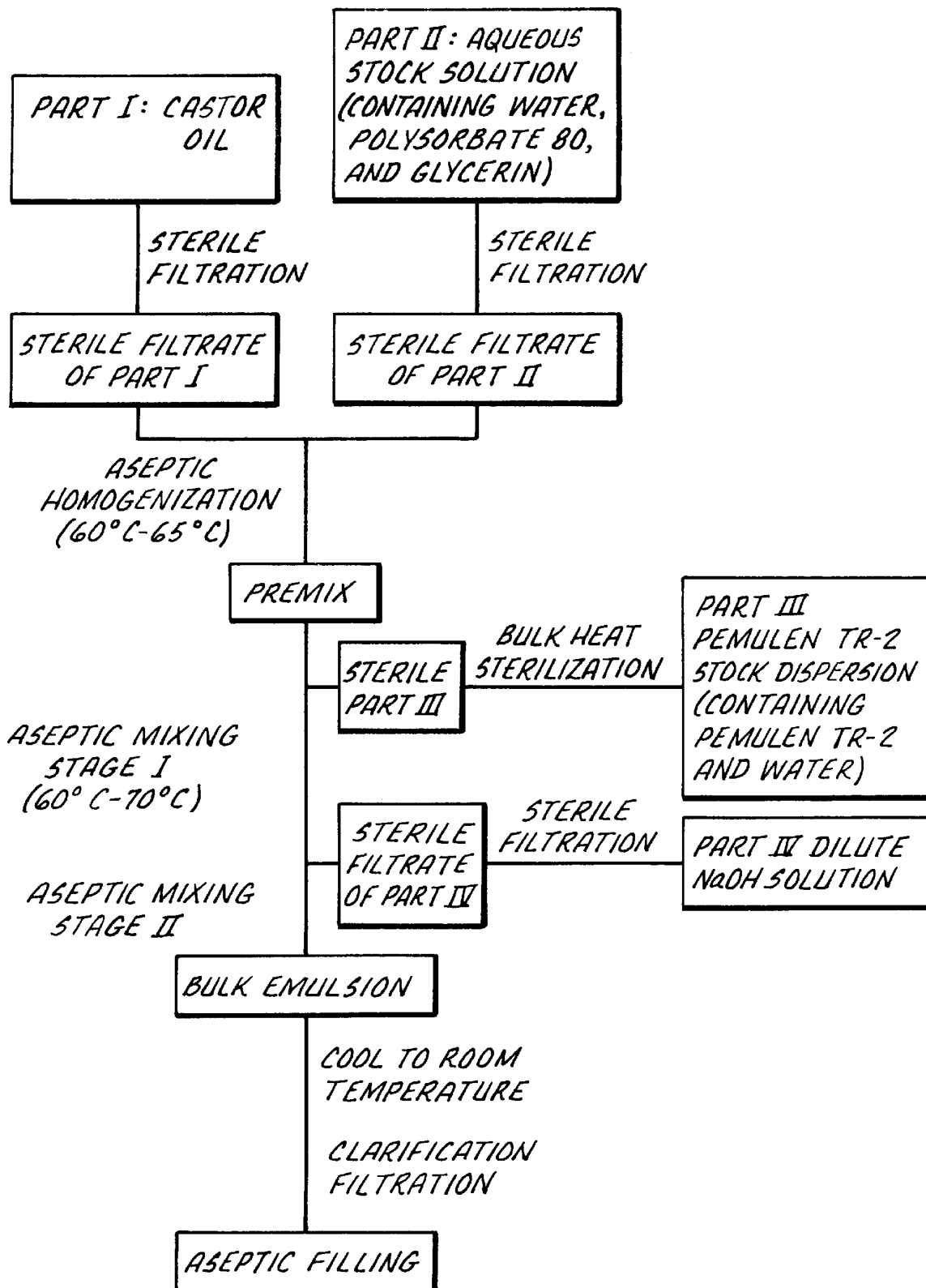


FIG. 1.

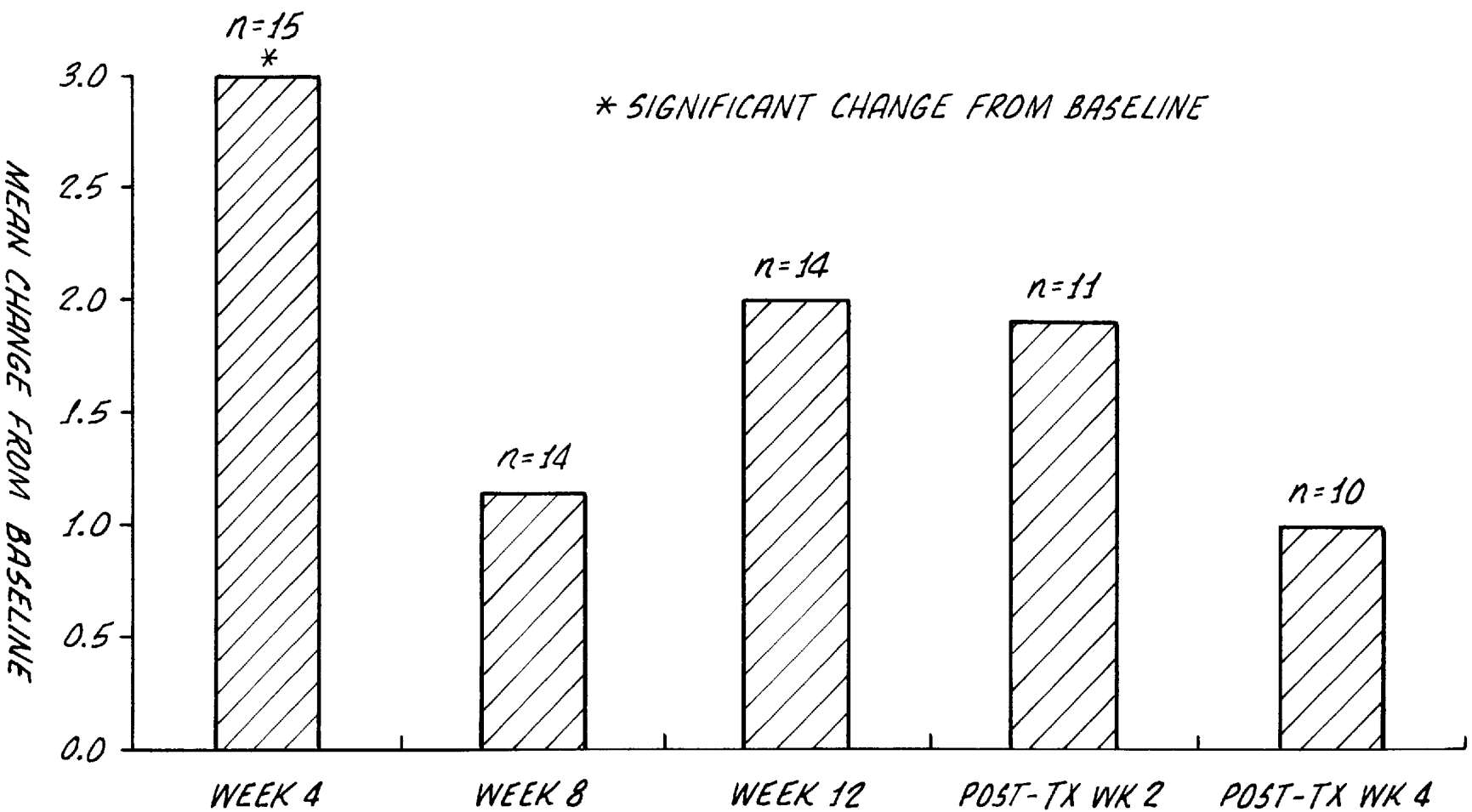


FIG. 2.

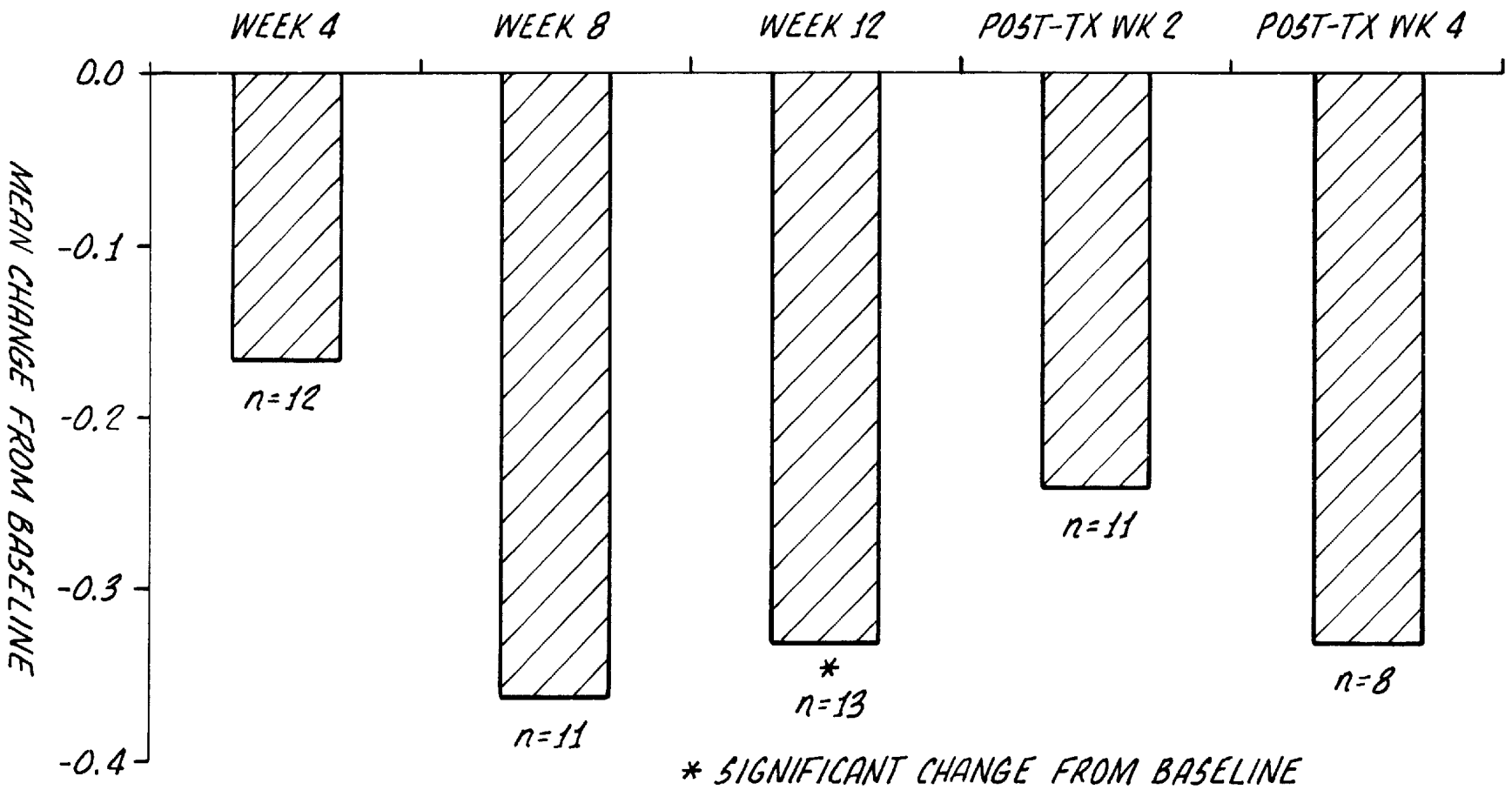


Fig. 3.

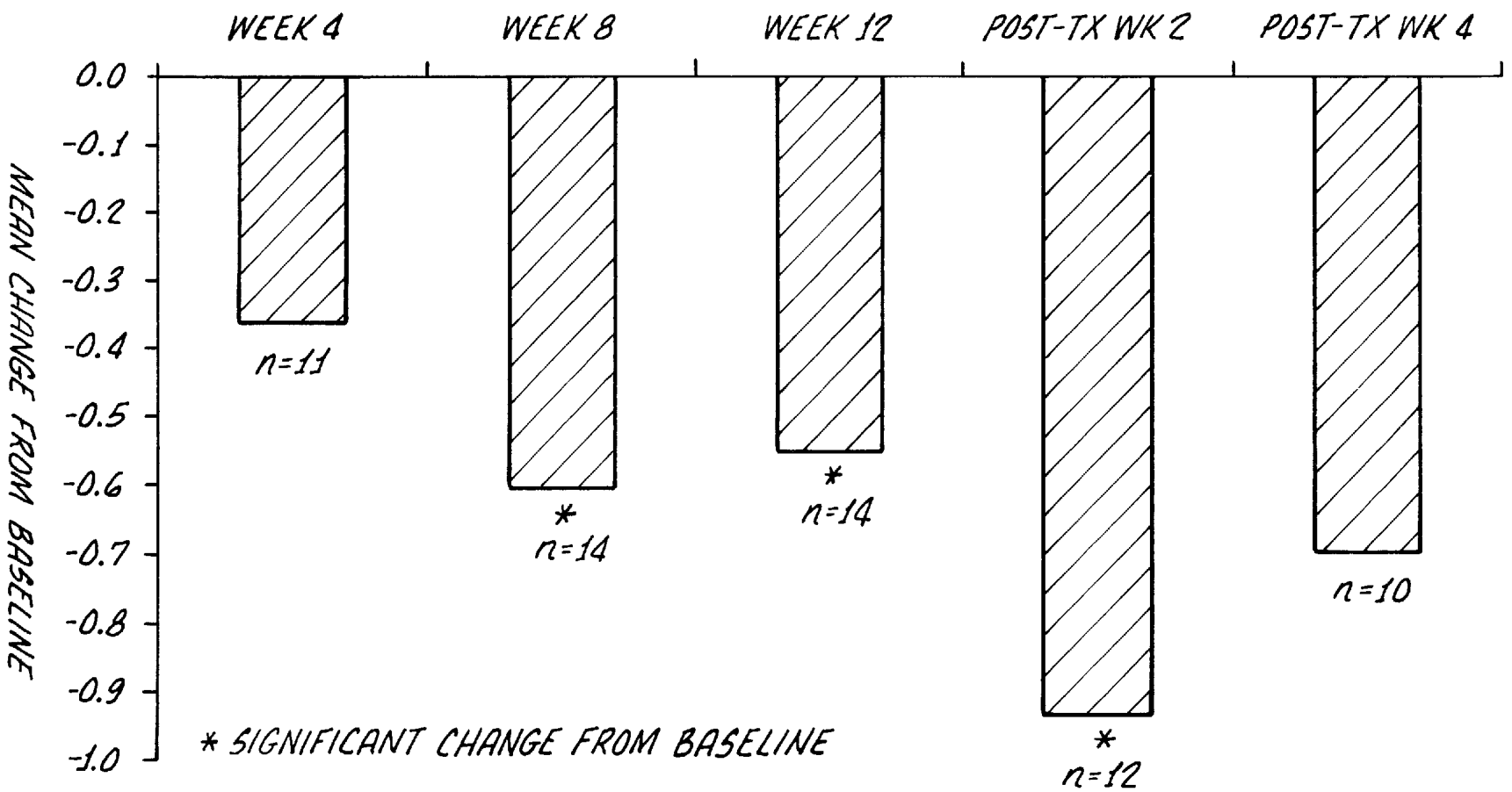


FIG. 4.

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