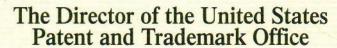
The United States of America



Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this

United States Patent

Grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the invention throughout the United States of America or importing the invention into the United States of America for the term set forth below, subject to the payment of maintenance fees as provided by law.

If this application was filed prior to June 8, 1995, the term of this patent is the longer of seventeen years from the date of grant of this patent or twenty years from the earliest effective U.S. filing date of the application, subject to any statutory extension.

If this application was filed on or after June 8, 1995, the term of this patent is twenty years from the U.S. filing date, subject to any statutory extension. If the application contains a specific reference to an earlier filed application or applications under 35 U.S.C. 120, 121 or 365(c), the term of the patent is twenty years from the date on which the earliest application was filed, subject to any statutory extensions.

Hickolas P. Solai

Acting Director of the United States Patent and Trademark Office

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(12) United States Patent

Eliaz et al.

(10) Patent No.: US 6.

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(45) Date of Patent:

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(54) METHOD AND PRODUCT FOR PROMOTING HAIR GROWTH AND TREATING SKIN CONDITIONS

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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 0 days.

This patent is subject to a terminal dis-

claimer.

(21) Appl. No.: 08/645,767

(22) Filed: May 14, 1996

Related U.S. Application Data

(63) Continuation-in-part of application No. 08/416,246, filed on Apr. 4, 1995, now abandoned, which is a continuation of application No. 08/106,804, filed on Aug. 16, 1993, now Pat. No. 5,422,100, which is a continuation of application No. 07/659,959, filed on Feb. 25, 1991, now abandoned, which is a continuation-in-part of application No. 07/487,886, filed on Mar. 2, 1990, now abandoned.

(51) Int. Cl.⁷ A61K 7/06

(52) **U.S. Cl.** **424/70.1**; 514/880; 514/852; 424/74

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(57) ABSTRACT

Methods and compositions for promoting hair growth, preventing or minimizing hair loss, enhancing or restoring hair color or remelanization and treating other hair and skin conditions are disclosed. The methods include topical application of the compositions to the skin or hair follicles being treated. The compositions include as an essential component a treatment agent in an amount effective for treating the condition and selected from the class of compounds consisting of anole, anethole, analogs thereof, polymers thereof and mixtures thereof. Various combinations of these compounds may be found in herb families including umbelliferae, magnoliaceae, labiatae and rutaceae. The invention preferably contemplates selecting the treatment agent from the class of herbs consisting of Foeniculum vulgares (fennel seed), Pimpinella anisum (anise), Carum carvi (caraway seeds) and mixtures thereof with each other and/or other herbs.

9 Claims, 2 Drawing Sheets