

Mary Kay Patents Delivery of Active Ingredients from Plant Materials

US Patent No. 11,213,465 B2 (Daniel Chen, James Swanzy); Mary Kay Inc. has patented a method of treating acne-prone skin. It entails obtaining an apparatus comprising: a water-permeable absorbent material, wherein the water-permeable absorbent material is a sponge, cloth or mesh which has a first outer surface and a second outer surface; and a plant material, a plant extract, or a combination thereof, wherein the plant material, the plant extract, or the combination thereof is stitched, or sealed, or stitched and sealed within the water-permeable absorbent material, and wherein the water-permeable absorbent material is configured to absorb water and allow the absorbed water to contact the plant material, the plant extract, or the combination thereof so as to release, solubilize, or release and solubilize a water-soluble skin-active ingredient from the plant material, from the plant extract, or from the combination thereof and allow the water-soluble skin-active ingredient to be absorbed by the absorbent material. The apparatus is placed in water heated to 30-100°C for a sufficient period of time so as to release, solubilize, or release and solubilize the water-soluble skin-active ingredient from the plant material, from the plant extract, or from the combination thereof, and for a sufficient period of time to allow said water-soluble skin-active ingredient to be absorbed by the water-permeable absorbent material to yield a treated apparatus. It is then applied to human skin.

OIL-IN-WATER COSMETIC PATENTED BY SHISEIDO

US Patent No. 11,213,463 B2 (Shun Kubota, Hideo Hata, Malyn Concina, Michelle Lou, Hideki Takahashi,

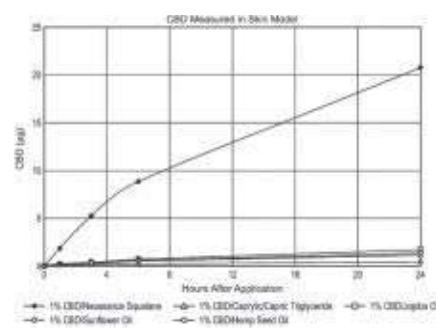
Julie Shown, Yosuke Ikebe); Shiseido Company, Ltd., Tokuo, has patented an oil-in-water emulsified cosmetic composition that is comprised of an aqueous phase; oily phase dispersed in the aqueous phase; and a powder dispersed in the oily phase. The oily phase comprises a volatile hydrocarbon oil and non-volatile hydrocarbon oil in a combined amount of 40% by mass or more with respect to the total oil content. The blending ratio of the non-volatile hydrocarbon oil to the volatile hydrocarbon oil is within the range of 0.10 to 2.5. The powder has a surface hydrophobized by a treatment with a metallic soap consisting of a higher fatty acid and a divalent metal, or by a composite treatment with a higher fatty acid and a divalent metal hydroxide.

COLGATE ANTIPERSPIRANT HAS ZINC PHOSPHATE ACTIVE

US Patent No. 11,213,466 B2 (Long Pan, Baohua Qiao); Colgate-Palmolive has been patented an antiperspirant comprised of a soluble zinc polyphosphate complex made by combining ingredients comprising zinc chloride and sodium hexametaphosphate. The relative amount of the zinc chloride and sodium hexametaphosphate provides a phosphorus to zinc mole ratio of 20:1. Upon use and contact with proteins in sweat, the soluble zinc polyphosphate complex forms a precipitate which occludes sweat ducts.

AMYRIS INC. PATENTS COMPOSITION TO DELIVER CANNABINOIDS TO SKIN

US Patent No. 11,213,467 B2 (Diva Chan, Ro Oteri, Ashlee Nunes); Amyris, Inc. has patented a composition comprising a carrier and one or more



cannabinoids, wherein the carrier comprises squalane. The carriers contain squalane or mixtures of squalane and hemisqualane. The compositions may serve as the base for the preparation of cosmetics or pharmaceuticals that may be used to reduce inflammation, control pain, or prevent aging of the skin.

PATENT FOR FOOT BATH WITH MENTHOL, ALOE VERA

US Patent No. 11,213,469 B1; Michael Nghiem Le of Wichita, KS has patented a treatment for feet. It entails providing water in a foot bath, partially submerging the foot and adding a first mixture to the water consisting of: citric acid in powder form and menthol crystals, lecithin (emulsifier), polyquaternium 37 and aloe vera. The first mixture is maintained in a separate fashion prior to being introduced into the foot bath. A second mixture is added to the water consisting sodium bicarbonate in powder form in an amount sufficient to neutralize the mixture resulting from step B to make an effervescent solution that contains maltodextrin, aloe vera, talcum and fragrance. The second mixture is kept separate from the first prior to being introduced into the foot bath thereby causing an effervescent reaction. ■