

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(10) International Publication Number
WO 2023/287690 A1

(43) International Publication Date
19 January 2023 (19.01.2023)

(51) International Patent Classification:

A61K 8/14 (2006.01) *A61Q 19/00* (2006.01)
A61K 8/73 (2006.01) *A61K 8/02* (2006.01)
A61K 9/127 (2006.01) *A61K 8/67* (2006.01)
A61K 47/36 (2006.01)

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

(21) International Application Number:

PCT/US2022/036653

Published:

- with international search report (Art. 21(3))

(22) International Filing Date:

11 July 2022 (11.07.2022)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/220,888 12 July 2021 (12.07.2021) US

(71) Applicant: **OCUSOFT, INC.** [US/US]; 30444 Southwest Freeway, Rosenberg, TX 774471 (US).

(72) Inventors: **SARKAR, Paramita**; 30444 Southwest Freeway, Rosenberg, TX 77471 (US). **SMITH, Troy**; 30444 Southwest Freeway, Rosenberg, TX 77471 (US).

(74) Agent: **MENON, Usha**; D'ambrosio & Menon, PLLC, 3 Sugar Creek Center Blvd., Suite 100, Sugar Land, TX 77478 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

(54) Title: SKIN MOISTURIZING COMPOSITIONS

(57) Abstract: A topical skin moisturizing composition comprising: (a) one or more phospholipids; (b) a plurality of demulcents; (c) one or more polymeric moisturizing agents; (d) one or more preservatives; (e) one or more vitamins; and (f) an aqueous vehicle. The moisturizing composition can have an osmolality in the range of 80 mOsm/kg to 500 mOsm/kg. The composition is configured for use on the face and, particularly for application on and around the delicate eye area including the eyelids.



WO 2023/287690 A1