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(71) Applicant (for all designated States except US): **ALZA CORPORATION** [US/US]; 1900 Charleston Road, P.O. Box 7210, Mountain View, CA 94039-7210 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **CORMIER, Michel, J., N.** [US/US]; 278 Andsbury Ave, Mountain View, CA (US). **LIN, WeiQi** [US/US]; 72 Peter Coutts Circle, Palo Alto, CA 94035 (US). **JOHNSON, Juanita** [US/US]; 2822 San Juan Blvd., Belmont, CA 94002 (US). **NYAM, Kofi** [US/US]; 2468-5 W. Bayshore Road, Palo Alto, CA 94303 (US).

(74) Agent: **FRANCIS, Ralph, C.**; Francis Law Group, 1942 Embarcadero, Oakland, CA 94606 (US).

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(54) Title: PRETREATMENT METHOD AND SYSTEM FOR ENHANCING TRANSDERMAL DRUG DELIVERY

(57) Abstract: A drug delivery system for delivering a biologically active agent through the skin of a patient comprises (i) a pretreatment patch adapted to be placed on the patient's skin, the pretreatment patch having a backing membrane and a microprojection array, the microprojection array being adhered to the backing membrane, the microprojection array including a plurality of microprojections adapted to pierce the stratum corneum of the patient, the pretreatment patch including a skin template that remains on the patient's skin after the pretreatment patch is applied to and removed from the patient's skin, and (ii) a gel patch having a top and bottom surface, the gel patch including a reservoir containing a hydrogel formulation, the gel patch having a skin contact area in the range of approximately 0.5 -30 CM².



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