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- (71) **Applicant (for all designated States except US):** IN-
VISIDERM, LLC [US/US]; 790 E. Colorado Blvd., 9th
Floor, Pasadena, CA 91101 (US).
- (72) **Inventor; and**
- (75) **Inventor/Applicant (for US only):** KISS, Norbert
[US/US]; 3240 Fairesta Street, #4, La Crescenta, CA
91214 (US).
- (74) **Agents:** CULLMAN, Louis C. et al.; K&L Gates LLP,
1900 Main Street, Suite 600, Irvine, CA 92614-7319 (US).

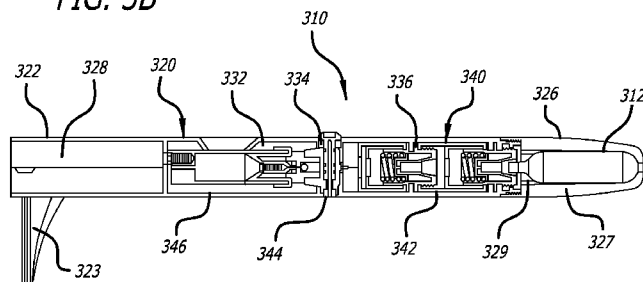
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(54) **Title:** METHOD OF PRODUCING SUBSTANCES WITH SUPERSATURATED GAS, TRANSDERMAL DELIVERY
DEVICE THEREOF, AND USES THEREOF

FIG. 3B



(57) **Abstract:** The present specification disclosed a noninvasive transdermal delivery device that relates generally to a handheld mechanical apparatus for noninvasive transdermal administration of gas, small to large water- soluble (hydrophilic) pharmaceutical agents, vitamins, and other therapeutic agents. Components of such delivery devices, methods of producing a substance comprising a supersaturated amount of a dissolved gas, as well as, methods of administering a therapeutic agent using such delivery devices and methods of treating a disease or condition using such delivery devices are also disclosed.

